

STATE STREET CORP  
Form 10-Q  
August 06, 2013  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549  
Form 10-Q

(Mark One)

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

For the quarterly period ended June 30, 2013

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)

Massachusetts

(State or other jurisdiction of incorporation)

One Lincoln Street

Boston, Massachusetts

(Address of principal executive office)

617-786-3000

(Registrant's telephone number, including area code)

04-2456637

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

02111

(Zip Code)

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 and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted 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 and post such files). Yes  No

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

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company   
(Do not check if a smaller reporting company)

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

The number of shares of the registrant's common stock outstanding as of July 31, 2013 was 445,972,231.



STATE STREET CORPORATION  
QUARTERLY REPORT ON FORM 10-Q FOR THE QUARTERLY PERIOD ENDED  
JUNE 30, 2013

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GENERAL

State Street Corporation, or the parent company, is a financial holding company headquartered in Boston, Massachusetts. Unless otherwise indicated or unless the context requires otherwise, all references in this Management's Discussion and Analysis to "State Street," "we," "us," "our" or similar terms mean State Street Corporation and its subsidiaries on a consolidated basis. Our principal banking subsidiary is State Street Bank and Trust Company, or State Street Bank. As of June 30, 2013, we had consolidated total assets of \$227.30 billion, consolidated total deposits of \$166.52 billion, consolidated total shareholders' equity of \$20.08 billion and 29,225 employees. With \$25.74 trillion of assets under custody and administration and \$2.15 trillion of assets under management as of June 30, 2013, we are a leading specialist in meeting the needs of institutional investors worldwide.

We have two lines of business:

Investment Servicing provides services for mutual funds, collective investment funds and other investment pools, corporate and public retirement plans, insurance companies, foundations and endowments worldwide. Products include custody, product- and participant-level accounting, daily pricing and administration; master trust and master custody; record-keeping; foreign exchange, brokerage and other trading services; securities finance; deposit and short-term investment facilities; loans and lease financing; investment manager and alternative investment manager operations outsourcing; and performance, risk and compliance analytics to support institutional investors.

Investment Management, through State Street Global Advisors, or SSgA, provides a broad range of investment management strategies, specialized investment management advisory services and other financial services, such as securities finance, for corporations, public funds, and other sophisticated investors. Management strategies offered by SSgA include passive and active, such as enhanced indexing, using quantitative and fundamental methods for both U.S. and non-U.S. equity and fixed-income securities. SSgA also offers exchange-traded funds, or ETFs.

For financial and other information about our lines of business, refer to "Line of Business Information" included in this Management's Discussion and Analysis and in note 16 to the consolidated financial statements included in this Form 10-Q.

This Management's Discussion and Analysis is part of our Quarterly Report on Form 10-Q for the quarter ended June 30, 2013, and updates the Management's Discussion and Analysis in our Annual Report on Form 10-K for the year ended December 31, 2012, referred to as our 2012 Form 10-K, and in our Quarterly Report on Form 10-Q for the quarter ended March 31, 2013, both of which we previously filed with the SEC. You should read the financial information contained in this Management's Discussion and Analysis and elsewhere in this Form 10-Q in conjunction with the financial and other information contained in those reports. Certain previously reported amounts presented in this Form 10-Q have been reclassified to conform to current-period presentation.

We prepare our consolidated financial statements in conformity with accounting principles generally accepted in the U.S., referred to as GAAP. The preparation of financial statements in conformity with 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.

The significant accounting policies that require us to make estimates and assumptions that are difficult, subjective or complex about matters that are uncertain and may change in subsequent periods are accounting for fair value measurements; other-than-temporary impairment of investment securities; and impairment of goodwill and other intangible assets. These significant accounting policies require the most subjective or complex judgments, and underlying estimates and assumptions could be subject to revision as new information becomes available. An understanding of the judgments, estimates and assumptions underlying these significant accounting policies is essential in order to understand our reported consolidated results of operations and financial condition.

Additional information about these significant accounting policies is included under "Significant Accounting Estimates" in Management's Discussion and Analysis in our 2012 Form 10-K. We did not change these significant accounting policies during the first six months of 2013.

Certain financial information provided in this Management's Discussion and Analysis is prepared on both a GAAP, or reported basis, and a non-GAAP, or operating basis, including certain non-GAAP measures used in the calculation of identified regulatory capital ratios. We measure and compare certain financial information on an operating basis, as we believe that this presentation supports meaningful comparisons from period to period and the analysis of comparable financial trends with respect to State Street's normal ongoing business operations. We believe that operating-basis financial information, which reports non-taxable revenue, such as interest revenue associated with tax-exempt investment securities, on a fully taxable-equivalent basis, facilitates an investor's understanding and analysis of State Street's underlying financial performance and

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trends in addition to financial information prepared and reported in conformity with GAAP. We also believe that the use of certain non-GAAP measures in the calculation of identified regulatory capital ratios is useful in understanding State Street's capital position and is of interest to investors. Operating-basis financial information should be considered in addition to, not as a substitute for or superior to, financial information prepared in conformity with GAAP. Any non-GAAP, or operating-basis, financial information presented in this Management's Discussion and Analysis is reconciled to its most directly comparable GAAP-basis measure.

FORWARD-LOOKING STATEMENTS

This Form 10-Q (including statements in this Management's Discussion and Analysis), as well as other reports 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, contain statements that are considered "forward-looking statements" within the meaning of U.S. securities laws, including statements about industry, regulatory, economic and market trends, management's expectations about our financial performance, capital, market growth, acquisitions, joint ventures and divestitures, new technologies, services and opportunities and earnings, management's confidence in our strategies and other matters that do not relate strictly to historical facts. Terminology such as "plan," "expect," "intend," "forecast," "look," "believe," "anticipate," "estimate," "seek," "may," "will," "strategy" and "goal," 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 national and global economies, 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, but are not limited to:

- the financial strength and continuing viability of the counterparties with which we or our clients do business and to which we have investment, credit or financial exposure, including, for example, the direct and indirect effects on counterparties of the current sovereign-debt risks in Europe and other regions;
- financial market disruptions or economic recession, whether in the U.S., Europe, Asia or other regions;
- increases in the volatility of, or declines in the level of, our net interest revenue, changes in the composition of the assets recorded in our consolidated statement of condition (and our ability to measure the fair value of investment securities) and the possibility that we may change the manner in which we fund those assets;
- the liquidity of the U.S. and international securities markets, particularly the markets for fixed-income securities and inter-bank credits, and the liquidity requirements of our clients;
- the level and volatility of interest rates and the performance and volatility of securities, credit, currency and other markets in the U.S. and internationally;
- the credit quality, credit-agency ratings and fair values of the securities in our investment securities portfolio, a deterioration or downgrade of which could lead to other-than-temporary impairment of the respective securities and the recognition of an impairment loss in our consolidated statement of income;
- our ability to attract deposits and other low-cost, short-term funding, and our ability to deploy deposits in a profitable manner consistent with our liquidity requirements and risk profile;
- the manner and timing with which the Federal Reserve and other U.S. and foreign regulators implement the Dodd-Frank Act, the Basel II and Basel III capital and liquidity standards, and European legislation with respect to the levels of regulatory capital we must maintain, our credit exposure to third parties, margin requirements applicable to derivatives, banking and financial activities and other regulatory initiatives in the U.S. and internationally, including regulatory developments that result in changes to our structure or operating model, increased costs or other changes to how we provide services;

adverse changes in the regulatory capital ratios that we are required to meet, whether arising under the Dodd-Frank Act, the Basel II or Basel III capital and liquidity standards or due to changes in regulatory positions, practices or regulations in jurisdictions in which we engage in banking activities, including changes in internal or external data, formulae, models, assumptions or other advanced systems used in calculating our capital ratios that cause changes in those ratios as they are measured from period to period;

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increasing requirements to obtain the prior approval of the Federal Reserve or our other regulators for the use, allocation or distribution of our capital or other specific capital actions or programs, including acquisitions, dividends and equity purchases, without which our growth plans, distributions to shareholders, equity purchase programs or other capital initiatives may be restricted;

changes in law or regulation that may adversely affect our business activities or those of our clients or our counterparties, and the products or services that we sell, including additional or increased taxes or assessments thereon, capital adequacy requirements, margin requirements and changes that expose us to risks related to the adequacy of our controls or compliance programs;

our ability to promote a strong culture of risk management, operating controls, compliance oversight and governance that meet our expectations or those of our clients and our regulators;

the credit agency ratings of our debt and depository obligations and investor and client perceptions of our financial strength;

delays or difficulties in the execution of our previously announced Business Operations and Information Technology Transformation program, which could lead to changes in our estimates of the charges, expenses or savings associated with the planned program and may cause volatility in our earnings;

the results of, and costs associated with, governmental investigations, litigation, and similar claims, disputes, or proceedings;

the possibility that our clients will incur substantial losses in investment pools for which we act as agent, and the possibility of significant reductions in the valuation of assets underlying those pools;

adverse publicity or other reputational harm;

dependencies on information technology, complexities and costs of protecting the security of our systems and difficulties with protecting our intellectual property rights;

our ability to grow revenue, control expenses, attract and retain highly skilled people and raise the capital necessary to achieve our business goals and comply with regulatory requirements;

potential changes to the competitive environment, including changes due to regulatory and technological changes, the effects of industry consolidation, and perceptions of State Street as a suitable service provider or counterparty;

potential changes in how and in what amounts clients compensate us for our services, and the mix of services provided by us that clients choose;

the ability to complete acquisitions, joint ventures and divestitures, including the ability to obtain related regulatory approvals, the ability to arrange financing as required and the ability to satisfy closing conditions;

the risks that acquired businesses and joint ventures will not achieve their anticipated financial and operational benefits or will not be integrated successfully, or that the integration will take longer than anticipated, that expected synergies will not be achieved or unexpected dysynergies will be experienced, that client and deposit retention goals will not be met, that other regulatory or operational challenges will be experienced and that disruptions from the transaction will harm our relationships with our clients, our employees or regulators;

our ability to recognize emerging needs of our clients and to develop products that are responsive to such trends and profitable to us, the performance of and demand for the products and services we offer, and the potential for new products and services to impose additional costs on us and expose us to increased operational risk;

our ability to anticipate and manage the level and timing of redemptions and withdrawals from our collateral pools and other collective investment products;

our ability to control operating risks, data security breach risks, information technology systems risks and outsourcing risks, and our ability to protect our intellectual property rights, the possibility of errors in the quantitative models we use to manage our business and the possibility that our controls will prove insufficient, fail or be circumvented;

changes in accounting standards and practices; and

changes in tax legislation and in the interpretation of existing tax laws by U.S. and non-U.S. tax authorities that affect the amount of taxes due.

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-Q or disclosed in our other SEC filings, including the risk factors discussed in our 2012 Form 10-K. Forward-looking statements should not be relied

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on as representing our expectations or beliefs as of any date subsequent to the time this Form 10-Q is filed with the SEC. We undertake no obligation to revise our forward-looking statements after the time they are made. The factors discussed above 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 consolidated results of operations and financial condition.

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 reports on Forms 10-K, 10-Q and 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](http://www.sec.gov) or on our website at [www.statestreet.com](http://www.statestreet.com).

In July 2013, Moody's Investors Service announced that it has placed the long-term ratings of State Street and State Street Bank on review for possible downgrade. Moody's made a similar announcement regarding two other major U.S. trust and custody banks. Other major independent credit rating agencies did not take similar actions.

## OVERVIEW OF FINANCIAL RESULTS

(Dollars in millions, except per share amounts)	Quarters Ended June 30,			Six Months Ended June 30,		
	2013	2012	% Change	2013	2012	% Change
Total fee revenue	\$1,971	\$1,778	11 %	\$3,828	\$3,563	7 %
Net interest revenue	596	672	(11 )	1,172	1,297	(10 )
Gains (losses) related to investment securities, net	(7 )	(27 )		(5 )	(16 )	
Total revenue	2,560	2,423	6	4,995	4,844	3
Provision for loan losses	—	(1 )		—	(1 )	
Total expenses	1,798	1,772	1	3,624	3,607	—
Income before income tax expense	762	652	17	1,371	1,238	11
Income tax expense	183	162		328	321	
Net income	\$579	\$490	18	\$1,043	\$917	14
Adjustments to net income:						
Dividends on preferred stock	(6 )	(7 )		(13 )	(14 )	
Earnings allocated to participating securities	(2 )	(3 )		(4 )	(6 )	
Net income available to common shareholders	\$571	\$480		\$1,026	\$897	
Earnings per common share:						
Basic	\$1.26	\$1.00		\$2.26	\$1.86	
Diluted	1.24	.98	27	2.22	1.83	21
Average common shares outstanding (in thousands):						
Basic	452,176	481,404		453,240	483,165	
Diluted	461,040	488,518		461,630	489,145	
Cash dividends declared per common share	\$.26	\$.24		\$.52	\$.48	
Return on average common equity	11.3	% 10.0	%	10.2	% 9.4	%



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The following "Highlights" and "Financial Results" sections provide information related to significant events, as well as highlights of our consolidated financial results for the second quarter of 2013 presented in the preceding table. More detailed information about our consolidated financial results, including comparisons of our results for the second quarter of 2013 to those for the second quarter of 2012 and for the six months ended June 30, 2013 to those for the six months ended June 30, 2012, is provided under "Consolidated Results of Operations," which follows these sections.

Highlights

In the second quarter of 2013, we purchased approximately 8.5 million shares of our common stock under a purchase program approved by the Board of Directors in March 2013. The program authorizes us to purchase up to \$2.10 billion of our common stock through March 31, 2014. We purchased the shares in the second quarter of 2013 at an average cost of \$65.73 per share and an aggregate cost of approximately \$560 million. We did not purchase any shares under this program in the first quarter of 2013. Refer to Part II Item 2 of this Form 10-Q for additional information with respect to our purchases of our common stock under the March 2013 program.

The March 2013 program followed a \$1.80 billion program authorized by the Board in March 2012, which we completed in the first quarter of 2013 with our purchase of 6.5 million shares at an average per-share and aggregate cost of \$54.95 and approximately \$360 million, respectively.

In the first six months of 2013, under the March 2013 and March 2012 programs, we purchased in the aggregate approximately 15 million shares of our common stock at an average per-share cost of \$61.04 and an aggregate cost of approximately \$920 million.

In the second quarter of 2013, we declared a quarterly common stock dividend of \$0.26 per share, totaling approximately \$117 million, which was paid in July 2013. In the first six months of 2013, we declared aggregate common stock dividends of \$0.52 per share, totaling approximately \$235 million, compared to aggregate common stock dividends of \$0.48 per share, totaling approximately \$233 million, declared in the first six months of 2012. Additional information about our common stock purchase program and our common stock dividends, as well as our preferred stock dividends, is provided under "Financial Condition – Capital" in this Management's Discussion and Analysis.

In May 2013, we issued an aggregate of \$1.50 billion of long-term debt, composed of \$500 million of 1.35% senior notes due May 15, 2018 and \$1.0 billion of 3.1% subordinated notes due May 15, 2023. The 3.1% subordinated notes qualify for inclusion in tier 2 regulatory capital under currently applicable federal regulatory capital guidelines. Additional information about this debt issuance is provided in note 7 to the consolidated financial statements included in this Form 10-Q.

With respect to our Business Operations and Information Technology Transformation program, in 2011 and 2012 combined, we achieved approximately \$198 million of total pre-tax expense savings compared to our 2010 expenses from operations, all else being equal. In 2013, we expect to achieve additional pre-tax expense savings of approximately \$220 million compared to our 2010 expense base, all else being equal. These pre-tax expense savings relate only to the Business Operations and Information Technology Transformation program and are based on projected improvement from our total 2010 expenses from operations. Our actual total expenses have increased since 2010, and may in the future increase or decrease, due to other factors. Additional information about our Business Operations and Information Technology Transformation program is provided under "Consolidated Results of Operations – Expenses" in this Management's Discussion and Analysis.

Financial Results

Total revenue in the second quarter of 2013 increased 6% compared to the second quarter of 2012, as a combined 11% increase in aggregate servicing fee and management fee revenue and a 16% increase in trading services revenue were partly offset by declines in securities finance revenue and net interest revenue of 8% and 11%, respectively. Servicing fee revenue in the second quarter of 2013 increased 11% compared to the second quarter of 2012, mainly the result of stronger global equity markets, the impact of net new business installed and the addition of revenue from

the Goldman Sachs Administration Services, or GSAS, business, acquired in October 2012. Servicing fees generated outside the U.S. in the second quarter of 2013 and the second quarter of 2012 were approximately 41% and 42%, respectively, of total servicing fees for those periods. Management fee revenue increased 13% in the same comparison, primarily the result of stronger equity markets and the impact of net new business. Management fees generated outside the U.S. in the second quarter of 2013 and the second quarter of 2012 were approximately 35% and 36%, respectively, of total management fees for those periods.

In the second quarter of 2013, trading services revenue increased 16% compared to the second quarter of 2012. In the same comparison, foreign exchange trading revenue was up 33%, the result of increases in client volumes and currency volatility. Our estimated indirect foreign exchange revenue increased 29%, and our direct sales and trading foreign exchange revenue increased 37%, from the prior-year quarter, with both increases mainly the result of higher client volumes and currency

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## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

volatility. With respect to brokerage and other trading services revenue, our revenue from electronic foreign exchange trading platforms increased 22%, primarily the result of a 42% increase in client volumes. Securities finance revenue in the second quarter of 2013 declined 8% compared to the second quarter of 2012, as a result of lower spreads and slightly lower average lending volumes.

Net interest revenue in the second quarter of 2013 declined 11% compared to the second quarter of 2012, generally the result of lower yields on earning assets related to lower global interest rates and repricing on floating-rate investment securities, partly offset by lower funding costs. The decrease in net interest revenue also reflected the reinvestment of higher levels of pay-downs on existing investment securities in lower-yielding investment securities. Net interest revenue in the second quarter of 2013 and the second quarter of 2012 included \$47 million and \$74 million, respectively, of discount accretion related to investment securities added to our consolidated statement of condition in connection with the 2009 consolidation of the asset-backed commercial paper conduits.

Net interest margin, calculated on fully taxable-equivalent net interest revenue, declined 30 basis points to 1.42% in the second quarter of 2013 from 1.72% in the second quarter of 2012. Continued elevated levels of client deposits, amid continued market uncertainty, increased our average interest-earning assets, but negatively affected our net interest margin, as we generally placed a portion of these deposits with central banks and earned the relatively low interest rates paid by the central banks on these balances over the period. Discount accretion, fully taxable-equivalent net interest revenue and net interest margin are discussed in more detail under "Consolidated Results of Operations - Net Interest Revenue" in this Management's Discussion and Analysis.

Total expenses in the second quarter of 2013 were essentially flat compared to the second quarter of 2012.

Compensation and employee benefits expenses declined, primarily due to the impact of savings associated with the execution of our Business Operations and Information Technology Transformation program, partly offset by expenses associated with new business and acquisitions. The decline in compensation and benefits was offset by increases in information systems and communications expenses, primarily from the transition of certain functions to third-party service providers in connection with the execution of our Business Operations and Information Technology Transformation program, as well as costs to support new business; and higher transaction processing services expenses, reflective of higher equity market values and higher transaction volumes in the asset servicing business. Additional information with respect to our expenses is provided under "Consolidated Results of Operations - Expenses" in this Management's Discussion and Analysis.

In the second quarter of 2013, we secured mandates for approximately \$201 billion of new business in assets to be serviced; of the total, \$128 billion was installed prior to June 30, 2013, with the remaining \$73 billion expected to be installed in the remainder of 2013 and later periods. In the second quarter of 2013, we also installed approximately \$96 billion of new business in assets to be serviced that was awarded to us in periods prior to the second quarter of 2013. The new business not installed by June 30, 2013 was not included in our assets under custody and administration as of that date, and had no impact on our servicing fee revenue in the second quarter of 2013, as the assets are not included until their installation is complete and we begin to service them. Once installed, the assets generate servicing fee revenue in subsequent periods in which the assets are serviced.

We will provide one or more of various services for these new assets to be serviced, including accounting, bank loan servicing, compliance reporting and monitoring, custody, depository banking services, foreign exchange, fund administration, hedge fund servicing, middle office outsourcing, performance and analytics, private equity administration, real estate administration, securities finance, transfer agency, and wealth management services.

In the second quarter of 2013, SSgA added approximately \$11 billion in net new business in assets under management. This net new business excludes approximately \$12 billion of outflows from the SPDR® Gold Exchange-Traded Fund, or ETF. Including these outflows, SSgA had approximately \$1 billion of net lost business in assets under management for the quarter. The components of the \$11 billion of net new business were approximately \$7 billion of net inflows into ETFs, \$4 billion of net inflows into active and enhanced equity funds, and \$3 billion of net inflows into managed cash, partly offset by \$3 billion of net outflows from fixed-income funds. With respect to the SPDR® Gold ETF, we earn distribution fees, rather than management fees, which are recorded in brokerage and other

trading services revenue and not in management fee revenue.

An additional \$12 billion of new business awarded to SSgA but not installed by June 30, 2013 was not included in our assets under management as of that date, and had no impact on our management fee revenue for the second quarter of 2013, as the assets are not included until their installation is complete and we begin to manage them. Once installed, the assets generate management fee revenue in subsequent periods in which the assets are managed.

#### CONSOLIDATED RESULTS OF OPERATIONS

This section discusses our consolidated results of operations for the second quarter and first six months of 2013 compared to the same periods in 2012, and should be read in conjunction with the consolidated financial statements and accompanying condensed notes included in this Form 10-Q.



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## TOTAL REVENUE

Additional information with respect to the sources of our revenue, the products and activities that generate it, and the factors that influence the levels of revenue generated during any period is provided under "Consolidated Results of Operations – Total Revenue" in Management's Discussion and Analysis included in our 2012 Form 10-K.

(Dollars in millions)	Quarters Ended June 30,			Six Months Ended June 30,				
	2013	2012	% Change	2013	2012	% Change		
Fee revenue:								
Servicing fees	\$1,201	\$1,086	11	% \$2,376	\$2,164	10	%	
Management fees	277	246	13	540	482	12		
Trading services:								
Foreign exchange trading	171	129	33	317	278	14		
Brokerage and other trading services	125	126	(1)	) 260	257	1		
Total trading services	296	255	16	577	535	8		
Securities finance	131	143	(8)	) 209	240	(13)	)	
Processing fees and other	66	48	38	126	142	(11)	)	
Total fee revenue	1,971	1,778	11	3,828	3,563	7		
Net interest revenue:								
Interest revenue	700	786	(11)	) 1,387	1,551	(11)	)	
Interest expense	104	114	(9)	) 215	254	(15)	)	
Net interest revenue	596	672	(11)	) 1,172	1,297	(10)	)	
Gains (losses) related to investment securities, net	(7	) (27	)	(5	) (16	)		
Total revenue	\$2,560	\$2,423	6	\$4,995	\$4,844	3		

## Fee Revenue

Servicing and management fees collectively composed approximately 75% and 76% of our total fee revenue for the second quarter and first six months of 2013, respectively, compared to 75% and 74%, respectively, for the corresponding periods in 2012. The level of these fees is influenced by several factors, including the mix and volume of our assets under custody and administration and our assets under management, securities positions held and the volume of portfolio transactions, and the types of products and services used by our clients, and is generally affected by changes in worldwide equity and fixed-income security valuations.

Generally, servicing fees are affected, in part, by changes in daily average valuations of assets under custody and administration. Additional factors, such as the relative mix of assets serviced, the level of transaction volumes, changes in service level, the nature of services provided, balance credits, client minimum balances, pricing concessions and other factors, may have a significant effect on our servicing fee revenue.

Generally, management fees are affected, in part, by changes in month-end valuations of assets under management. Management fee revenue is relatively more sensitive to market valuations than servicing fee revenue, since a higher proportion of the underlying services provided, and the associated management fees earned, are dependent on equity and fixed-income values. Additional factors, such as the relative mix of assets managed, changes in service level and other factors, may have a significant effect on our management fee revenue. While certain management fees are directly determined by the value of assets under management and the investment strategy employed, management fees reflect other factors as well, including our relationship pricing for clients using multiple services.

Management fees for actively managed products are generally earned at higher rates than those for passive products. Actively managed products may also involve performance fee arrangements. Performance fees are generated when the performance of certain managed funds exceeds benchmarks specified in the management agreements. Generally, we experience more volatility with performance fees than with more traditional management fees.

In light of the above, we estimate, assuming all other factors remain constant, that a 10% increase or decrease in worldwide equity valuations would result in a corresponding change in our total revenue of approximately 2%. If

fixed-income security valuations were to increase or decrease by 10%, we would anticipate a corresponding change of approximately 1% in our total revenue.

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The following table presents selected average quarter and year-to-date equity market 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 can therefore differ from the performance of the indices presented in the table below.

Daily averages and the averages of month-end indices demonstrate worldwide changes in equity markets that affect our servicing and management fee revenue, respectively. Quarter-end indices affect the value of assets under custody and administration and assets under management as of those dates. The index names listed in the table are service marks of their respective owners.

## INDEX

	Daily Averages of Indices			Averages of Month-End Indices			Quarter-End Indices		
	Quarters Ended June 30,			Quarters Ended June 30,			As of June 30,		
	2013	2012	% Change	2013	2012	% Change	2013	2012	% Change
S&P 500®	1,609	1,350	19 %	1,612	1,357	19 %	1,606	1,362	18 %
NASDAQ®	3,368	2,926	15	3,396	2,936	16	3,403	2,935	16
MSCI EAFE®	1,707	1,427	20	1,698	1,424	19	1,639	1,423	15
	Daily Averages of Indices			Averages of Month-End Indices					
	Six Months Ended June 30,			Six Months Ended June 30,					
	2013	2012	% Change	2013	2012	% Change			
S&P 500®	1,563	1,349	16 %	1,569	1,359	15 %			
NASDAQ®	3,275	2,917	12	3,293	2,947	12			
MSCI EAFE®	1,687	1,471	15	1,687	1,480	14			

## Servicing Fees

Servicing fees increased 11% and 10% for the second quarter and first six months of 2013, respectively, compared to the same periods in 2012, primarily as a result of stronger global equity markets, the impact of net new business installed on current-period revenue, and the addition of revenue from the GSAS business, acquired in October 2012. The combined daily averages of equity market indices, individually presented in the foregoing "INDEX" table, increased approximately 17% in the second quarter of 2013 compared to the second quarter of 2012. For both the second quarter and first six months of 2013, servicing fees generated outside the U.S. were approximately 41% of total servicing fees, compared to approximately 42% for both the second quarter and first six months of 2012.

The following tables present the components, financial instrument mix and geographic mix of assets under custody and administration as of the dates indicated:

## ASSETS UNDER CUSTODY AND ADMINISTRATION

(In billions)	June 30, 2013	December 31, 2012	June 30, 2012
Mutual funds	\$6,278	\$5,852	\$5,572
Collective funds	5,826	5,363	4,597
Pension products	5,447	5,339	4,955
Insurance and other products	8,191	7,817	7,299
Total	\$25,742	\$24,371	\$22,423

## FINANCIAL INSTRUMENT MIX OF ASSETS UNDER CUSTODY AND ADMINISTRATION

(In billions)	June 30, 2013	December 31, 2012	June 30, 2012
Equities	\$13,407	\$12,276	\$11,242
Fixed-income	9,046	8,885	8,403
Short-term and other investments	3,289	3,210	2,778

Total	\$25,742	\$24,371	\$22,423
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AND RESULTS OF OPERATIONS (Continued)GEOGRAPHIC MIX OF ASSETS UNDER CUSTODY AND ADMINISTRATION<sup>(1)</sup>

(In billions)	June 30, 2013	December 31, 2012	June 30, 2012
United States	\$18,622	\$17,711	\$16,335
Other Americas	768	752	643
Europe/Middle East/Africa	5,245	4,801	4,445
Asia/Pacific	1,107	1,107	1,000
Total	\$25,742	\$24,371	\$22,423

<sup>(1)</sup> Geographic mix is based on the location at which the assets are serviced.

The increase in total assets under custody and administration from December 31, 2012 to June 30, 2013 primarily resulted from increases in global equity market valuations and net client subscriptions. The increase in total assets under custody and administration from June 30, 2012 to June 30, 2013 primarily resulted from increases in global equity market valuations, net client subscriptions and net new business installations. Asset levels as of June 30, 2013 did not reflect the \$73 billion of new business in assets to be serviced that was awarded to us in the second quarter of 2013 but not installed prior to June 30, 2013. The value of assets under custody and administration is a broad measure of the relative size of various markets served. Changes in the values of assets under custody and administration from period to period do not necessarily result in proportional changes in our servicing fee revenue.

## Management Fees

Management fees increased 13% and 12% during the second quarter and first six months of 2013, respectively, compared to the same periods in 2012, primarily the result of stronger equity market valuations and the impact of net new business installed on current-period revenue. Combined average month-end equity market indices, individually presented in the foregoing "INDEX" table, increased approximately 17% in the second quarter of 2013 compared to the second quarter of 2012, and increased approximately 13% in the year-to-date comparison. For the second quarter and first six months of 2013, management fees generated outside the U.S. were approximately 35% and 36%, respectively, of total management fees compared to 36% and 37%, respectively, for the same periods in 2012.

The following tables present the components and geographic mix of assets under management as of the dates indicated:

## ASSETS UNDER MANAGEMENT

(In billions)	June 30, 2013	December 31, 2012	June 30, 2012
Passive:			
Equities	\$816	\$755	\$690
Fixed-income	273	293	223
Exchange-traded funds <sup>(1)</sup>	337	337	305
Other <sup>(2)</sup>	227	215	194
Total passive	1,653	1,600	1,412
Active:			
Equities	44	46	45
Fixed-income	17	17	18
Other	47	53	51
Total active	108	116	114
Cash	385	370	382
Total	\$2,146	\$2,086	\$1,908

<sup>(1)</sup> Includes SPDR® Gold Fund, for which State Street is not the investment manager, but acts as distribution agent.

<sup>(2)</sup> Includes currency, alternatives, assets passed to sub-advisors and multi-asset class solutions.



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AND RESULTS OF OPERATIONS (Continued)GEOGRAPHIC MIX OF ASSETS UNDER MANAGEMENT<sup>(1)</sup>

(In billions)	June 30, 2013	December 31, 2012	June 30, 2012
United States	\$1,481	\$1,410	\$1,340
Other Americas	23	21	19
Europe/Middle East/Africa	354	353	320
Asia/Pacific	288	302	229
Total	\$2,146	\$2,086	\$1,908

<sup>(1)</sup> Geographic mix is based on the location at which the assets are managed.

The increase in total assets under management as of June 30, 2013 compared to December 31, 2012 resulted from net market appreciation during the first half of 2013 in the values of the assets managed, as well as net new business of \$4 billion. The net new business of \$4 billion was generally composed of approximately \$18 billion of net inflows into managed cash and approximately \$5 billion of net inflows into equity funds, partly offset by approximately \$11 billion of net outflows from ETFs and approximately \$8 billion of net outflows from fixed-income funds.

The following table presents activity in assets under management for the twelve months ended June 30, 2013:

## ASSETS UNDER MANAGEMENT

(In billions)	
June 30, 2012	\$1,908
Net new business	77
Market appreciation	101
December 31, 2012	2,086
Net new business	4
Market appreciation	56
June 30, 2013	\$2,146

The net new business of \$4 billion in the first six months of 2013 presented in the table did not include \$12 billion of new asset management business awarded to SSgA in the second quarter of 2013 but not installed prior to June 30, 2013. This new business will be reflected in assets under management in future periods after installation, and will generate management fee revenue in subsequent periods.

## Trading Services

The following table summarizes the components of trading services revenue for the periods indicated:

(Dollars in millions)	Quarters Ended June 30,			Six Months Ended June 30,		
	2013	2012	% Change	2013	2012	% Change
Foreign exchange trading:						
Direct sales and trading	\$86	\$63	37	\$167	\$136	23
Indirect foreign exchange trading	85	66	29	150	142	6
Total foreign exchange trading	171	129	33	317	278	14
Brokerage and other trading services:						
Electronic foreign exchange trading	66	54	22	130	109	19
Other trading, transition management and brokerage	59	72	(18)	130	148	(12)
Total brokerage and other trading services	125	126	(1)	260	257	1
Total trading services revenue	\$296	\$255	16	\$577	\$535	8

Trading services revenue includes revenue from foreign exchange, or FX, trading, as well as revenue from brokerage and other trading services. We earn FX trading revenue by acting as a principal market maker. We offer a range of FX products, services and execution models. Most of our FX products and execution services can be grouped into three broad categories,





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which are further explained below: "direct sales and trading FX," "indirect FX" and "electronic FX trading." With respect to electronic FX trading, we provide an execution venue but do not act as agent or principal.

We also offer a range of brokerage and other trading products tailored specifically to meet the needs of the global pension community, including transition management and commission recapture. These products are differentiated by our position as an agent of the institutional investor. Revenue earned from these brokerage and other trading products is recorded in other trading, transition management and brokerage within brokerage and other trading services revenue.

FX trading revenue is influenced by three principal factors: the volume and type of client FX transactions; currency volatility; and the management of market risk associated with currencies and interest rates. Revenue earned from direct sales and trading FX and indirect FX is recorded in FX trading revenue. Revenue earned from electronic FX trading is recorded in brokerage and other trading services revenue.

The changes in trading services revenue in the second quarter and first six months of 2013 compared to the same periods in 2012, composed of separate changes related to FX trading and brokerage and other trading services, is explained below.

Total FX trading revenue increased 33% and 14% in the second quarter and first six months of 2013 compared to the same periods in 2012, primarily the result of higher client volumes and higher currency volatility. We enter into FX transactions with clients and investment managers that contact our trading desk directly. These trades are all executed at negotiated rates. We refer to this activity, and our principal market-making activities, as "direct sales and trading FX." Alternatively, clients or their investment managers may elect to route FX transactions to our FX desk through our asset-servicing operation; we refer to this activity as "indirect FX." We execute indirect FX trades as a principal at rates disclosed to our clients. We calculate revenue for indirect FX using an attribution methodology based on estimated effective mark-ups/downs and observed client volumes. Our clients can transition to either direct sales and trading FX execution, including our "Street FX" service that enables our clients to define their FX execution strategy and automate the FX trade execution process, in which State Street continues to act as a principal market maker, or to one of our electronic trading platforms.

For the second quarter and first six months of 2013, our estimated indirect FX revenue was approximately \$85 million and \$150 million, respectively, compared to \$66 million and \$142 million, respectively, for the same periods in 2012. The 29% and 6% increases, respectively, were mainly the result of higher client volumes and higher currency volatility. All other FX trading revenue, other than this indirect FX revenue estimate, is considered by us to be direct sales and trading FX revenue. For the second quarter and first six months of 2013 compared to the same periods in 2012, our direct sales and trading FX revenue increased 37% and 23%, respectively, mainly the result of higher client volumes and higher currency volatility.

Total brokerage and other trading services revenue declined 1% in the second quarter of 2013 compared to the second quarter of 2012.

Our clients may choose to execute FX transactions through one of our electronic trading platforms. This service generates revenue through a "click" fee. Revenue from such electronic FX trading increased 22% in the second quarter of 2013 compared to the second quarter of 2012 and increased 19% in the six-month comparison, with both increases driven primarily by significantly higher client volumes. Other trading, transition management and brokerage revenue declined 18% and 12% in the quarterly and year-to-date comparisons, respectively. The decline in the quarterly comparison was mainly the result of a decrease in distribution fees associated with the SPDR® Gold ETF. With respect to the SPDR® Gold ETF, fees earned by us as distribution agent are recorded in other trading, transition management and brokerage revenue within brokerage and other trading services revenue, and not in management fee revenue. The decline in the year-to-date comparison was mainly the result of a decrease in transition management revenue.

We continue to expect that some clients may choose, over time, to reduce their level of indirect FX transactions in favor of other execution methods, including either direct FX transactions or electronic FX trading which we provide. To the extent that clients shift to other execution methods that we provide, our FX trading revenue may decrease, even

if volumes remain consistent.

#### Securities Finance

Our agency securities finance business consists of two principal components: investment funds with a broad range of investment objectives which are managed by SSgA and engage in agency securities lending, which we refer to as the SSgA lending funds, and an agency lending program for third-party investment managers and asset owners, which we refer to as the agency lending funds.

We also participate in securities lending transactions as a principal. As principal, we borrow securities from the lending client and then lend such securities to the subsequent borrower, either a State Street client or a broker/dealer. Our involvement as principal is utilized when the lending client is unable to, or elects not to, transact directly with the market and requires us to execute the transaction and furnish the securities. In our role as principal, we provide support to the transaction through our credit rating, and we have the ability to source securities through our assets under custody and administration.

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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. In the second quarter and first six months of 2013, securities finance revenue declined 8% and 13%, respectively, compared to the same periods in 2012, mainly due to lower spreads and slightly lower average lending volumes. Average spreads declined 13% and 14% in the second quarter and first six months of 2013, respectively, compared to the same periods in 2012. Securities on loan averaged approximately \$330 billion and \$322 billion for the second quarter and first six months of 2013, respectively, compared to approximately \$337 billion and \$334 billion, respectively, for the same periods in 2012, a 2% and 4% decline, respectively.

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, proposed or anticipated regulatory changes may affect the volume of our securities lending activity and related revenue and profitability in future periods.

Processing Fees and Other

Processing fees and other revenue increased 38% in the second quarter of 2013 compared to the second quarter of 2012, and declined 11% in the year-to-date comparison. The increase in the quarterly comparison resulted from a \$20 million gain in the second quarter of 2013 from the sale of an investment by one of our joint ventures. In the year-to-date comparison, the decline was mainly due to the impact of positive fair-value adjustments recorded in 2012 related to our withdrawal from our fixed-income trading initiative and hedge ineffectiveness recorded in 2013, partly offset by the above-described gain from the sale of an investment by one of our joint ventures.

NET INTEREST REVENUE

Net interest revenue is defined as total interest revenue 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, repurchase agreements, loans and leases and other liquid assets, are financed primarily by client deposits, short-term borrowings and long-term debt. Net interest margin represents the relationship between annualized fully taxable-equivalent net interest revenue and average total interest-earning assets for the period. Revenue that is exempt from income taxes, mainly that earned from certain investment securities (state and political subdivisions), is adjusted to a fully taxable-equivalent basis using a federal statutory income tax rate of 35%, adjusted for applicable state income taxes, net of the related federal tax benefit.

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The following table presents the components of average interest-earning assets and average interest-bearing liabilities, related interest revenue and interest expense, and rates earned and paid, for the periods indicated:

(Dollars in millions; fully taxable-equivalent basis)	Quarters Ended June 30, 2013			2012				
	Average Balance	Interest Revenue/Expense	Rate	Average Balance	Interest Revenue/Expense	Rate		
Interest-bearing deposits with banks	\$28,244	\$31	.44	% \$25,205	\$35	.55	%	
Securities purchased under resale agreements	5,852	12	.79	7,944	13	.64		
Trading account assets	638	—	—	648	—	—		
Investment securities	118,522	609	2.06	112,670	697	2.48		
Loans and leases	14,003	79	2.29	11,304	71	2.50		
Other interest-earning assets	11,016	2	.04	6,677	1	.04		
Average total interest-earning assets	\$178,275	\$733	1.64	\$164,448	\$817	2.00		
Interest-bearing deposits:								
U.S.	\$7,969	\$3	.13	% \$7,448	\$4	.27	%	
Non-U.S.	102,127	24	.09	88,048	33	.15		
Securities sold under repurchase agreements	8,469	—	—	8,288	1	.01		
Federal funds purchased	300	—	—	976	—	—		
Other short-term borrowings	3,641	15	1.63	4,737	18	1.49		
Long-term debt	8,200	54	2.65	6,939	54	3.14		
Other interest-bearing liabilities	6,273	8	.52	4,851	4	.33		
Average total interest-bearing liabilities	\$136,979	\$104	.30	\$121,287	\$114	.38		
Interest-rate spread			1.34	%			1.62	%
Net interest revenue—fully taxable-equivalent basis		\$629			\$703			
Net interest margin—fully taxable-equivalent basis			1.42	%			1.72	%
Tax-equivalent adjustment		(33	)		(31	)		
Net interest revenue—GAAP basis		\$596			\$672			

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(Dollars in millions; fully taxable-equivalent basis)	Six Months Ended June 30, 2013			2012		
	Average Balance	Interest Revenue/Expense	Rate	Average Balance	Interest Revenue/Expense	Rate
Interest-bearing deposits with banks	\$29,408	\$62	.42 %	\$25,383	\$77	.61 %
Securities purchased under resale agreements	5,751	25	.87	7,715	22	.58
Trading account assets	682	—	—	683	—	—
Investment securities	119,059	1,227	2.06	111,205	1,386	2.49
Loans and leases	13,374	135	2.04	11,033	126	2.30
Other interest-earning assets	10,025	3	.05	6,807	2	.04
Average total interest-earning assets	\$178,299	\$1,452	1.64	\$162,826	\$1,613	1.99
Interest-bearing deposits:						
U.S.	\$10,669	\$9	.17 %	\$4,952	\$7	.30 %
Non-U.S.	100,930	52	.10	87,538	83	.19
Securities sold under repurchase agreements	8,156	—	—	7,864	1	.01
Federal funds purchased	331	—	—	892	—	—
Other short-term borrowings	4,138	31	1.51	4,705	36	1.51
Long-term debt	7,802	110	2.83	7,540	120	3.19
Other interest-bearing liabilities	6,384	13	.41	5,853	7	.25
Average total interest-bearing liabilities	\$138,410	\$215	.31	\$119,344	\$254	.43
Interest-rate spread			1.33 %			1.56 %
Net interest revenue—fully taxable-equivalent basis		\$1,237			\$1,359	
Net interest margin—fully taxable-equivalent basis			1.40 %			1.68 %
Tax-equivalent adjustment		(65 )			(62 )	
Net interest revenue—GAAP basis		\$1,172			\$1,297	

For the first six months of 2013 compared to the first six months of 2012, average total interest-earning assets increased, mainly the result of the investment of elevated levels of client deposits in interest-bearing deposits with banks, as well as purchases of investment securities. During the past year, our clients have continued to place additional deposits with us, as low global interest rates have made deposits attractive relative to other investment options. Those client deposits determined to be transient in nature are placed with various central banks globally, whereas deposits determined to be more stable have been invested in our securities portfolio or elsewhere to support growth in other client-related activities.

Average loans and leases were higher in the same comparison, due to growth in short-duration advances to our mutual fund clients. Higher levels of cash collateral provided in connection with our role as principal in certain securities finance activities drove other interest-earning assets higher. While these activities support our overall profitability, they put downward pressure on our net interest margin.

Net interest revenue decreased 11% for the second quarter of 2013 compared to the second quarter of 2012 and decreased 10% for the first six months of 2013 compared to the first six months of 2012. The decreases were primarily driven by the impact of lower global interest rates, which negatively affected the rates paid on funds held with non-U.S. central banks, as well as repricing on floating-rate investment securities. The decreases also reflected the reinvestment of higher levels of pay-downs on existing investment securities in lower-yielding investment securities. The decreases in net interest revenue were partly offset by the impact of growth in the investment portfolio, lower funding costs, and the investment of continued elevated levels of client deposits with the Federal Reserve, the European Central Bank, or ECB, and other non-U.S. central banks.

Subsequent to the previously disclosed 2009 commercial paper conduit consolidation, we have recorded aggregate discount accretion in interest revenue of \$1.85 billion (\$621 million in 2009, \$712 million in 2010, \$220 million in 2011, \$215 million in 2012 and \$78 million in the first six months of 2013). The timing and ultimate recognition of any applicable discount accretion depends, in part, on factors that are outside of our control, including anticipated prepayment speeds and credit quality. The impact of these factors is uncertain and can be significantly influenced by general economic and financial market conditions. The timing and recognition of any applicable discount accretion can also be influenced by our ongoing management of the risks and other characteristics associated with our investment securities portfolio, including sales of securities which would otherwise generate accretion.

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Depending on the factors discussed above, among others, we anticipate that, until the former conduit securities remaining in our investment portfolio mature or are sold, discount accretion will continue to contribute to our net interest revenue. Assuming that we hold the remaining former conduit securities to maturity, all else being equal, we expect the remaining former conduit securities carried in our investment portfolio as of June 30, 2013 to generate aggregate discount accretion in future periods of approximately \$620 million over their remaining terms, with approximately half of this aggregate discount accretion to be recorded over the next four years.

Changes in the components of interest-earning assets and interest-bearing liabilities are discussed in more detail below. Additional detail about the components of interest revenue and interest expense is provided in note 13 to the consolidated financial statements included in this Form 10-Q.

Interest-bearing deposits with banks, which include cash balances maintained at the Federal Reserve, the ECB and other non-U.S. central banks to satisfy reserve requirements, averaged \$28.24 billion for the second quarter of 2013, compared to \$25.21 billion for the second quarter of 2012. For the first six months of 2013, such deposits averaged \$29.41 billion, compared to \$25.38 billion for the first six months of 2012. Both comparisons reflected the impact of the placement of elevated levels of client deposits. Given the uncertainty of client deposit behavior relative to the expiration of the Federal Deposit Insurance Corporation's, or FDIC's, Transaction Account Guarantee, or TAG, program, we expect to continue to invest client deposits in either money market assets, including central bank deposits, or in investment securities, depending on our assessment of the underlying characteristics of the deposits.

Our average investment securities portfolio increased to \$118.52 billion for the second quarter of 2013 from \$112.67 billion for the second quarter of 2012, and in the year-to-date comparison increased to \$119.06 billion from \$111.21 billion. The increases were generally the result of ongoing purchases of securities, partly offset by maturities, sales and prepayments. Period-end portfolio balances are more significantly influenced by the timing of purchases, sales and runoff; as a result, average portfolio balances are a more effective indication of trends in portfolio activity. As of June 30, 2013, securities rated "AAA" and "AA" represented approximately 88% of our investment portfolio, consistent with the composition of our portfolio as of June 30, 2012.

Loans and leases averaged \$14.00 billion for the second quarter of 2013 compared to \$11.30 billion for the second quarter of 2012, and \$13.37 billion for the first six months of 2013, up from \$11.03 billion in the 2012 period. The increases were mainly related to mutual fund lending, which averaged \$8.64 billion for the second quarter of 2013 compared to \$6.76 billion for the second quarter of 2012, specifically short-duration advances. Client demand for short-duration liquidity increased to approximately 30% of our average loan-and-lease portfolio for the second quarter of 2013 from 29% for the second quarter of 2012. Short-duration advances provide liquidity to clients in support of their investment activities related to securities settlement.

The following table presents average U.S. and non-U.S. short-duration advances for the periods indicated:

(In millions)	Quarters Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
Average U.S. short-duration advances	\$2,652	\$1,830	\$2,372	\$1,816
Average non-U.S. short-duration advances	1,587	1,499	1,494	1,383
Average total short-duration advances	\$4,239	\$3,329	\$3,866	\$3,199

The increases in average short-duration advances for the second quarter and first six months of 2013 compared to the second quarter and first six months of 2012 were mainly the result of certain clients continuing to hold higher levels of liquidity.

Average other interest-earning assets increased to \$11.02 billion for the second quarter of 2013 from \$6.68 billion for the second quarter of 2012, and to \$10.03 billion from \$6.81 billion in the year-to-date comparison. These increases were primarily the result of higher levels of cash collateral provided in connection with our participation in principal securities finance transactions.

Aggregate average interest-bearing deposits increased to \$110.10 billion for the second quarter of 2013 from \$95.50 billion for the second quarter of 2012, and increased to \$111.60 billion from \$92.49 billion in the year-to-date comparison. These increases mainly reflected higher levels of interest-bearing demand deposit accounts, as low

interest rates worldwide made deposits attractive to our clients relative to other investment options. In addition, non-U.S. transaction accounts associated with new and existing business in assets under custody and administration continued to grow, although there has been a modest decline in non-interest bearing deposits as a result of the expiration of the FDIC's TAG program effective December 31, 2012. Future deposit levels will be influenced by the underlying asset servicing business, as well as market conditions, including the general levels of U.S. and non-U.S. interest rates.



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Average long-term debt increased to \$8.20 billion for the second quarter of 2013 from \$6.94 billion for the second quarter of 2012, and to \$7.80 billion from \$7.54 billion in the year-to-date comparison. The increases primarily reflected the issuance of \$1 billion of extendible notes by State Street Bank in December 2012 and \$1.5 billion of senior and subordinated debt issued by us in May 2013. These increases were partly offset by maturities of \$1.75 billion of senior debt in the second quarter of 2012.

Average other interest-bearing liabilities increased to \$6.27 billion for the second quarter of 2013 from \$4.85 billion for the second quarter of 2012 and to \$6.38 billion from \$5.85 billion in the year-to-date comparison, primarily the result of higher levels of cash collateral received from clients in connection with our participation in principal securities finance transactions.

Several factors could affect future levels of our net interest revenue and margin, including the mix of client liabilities; actions of various central banks; changes in U.S. and non-U.S. interest rates; changes in the various yield curves around the world; the amount of discount accretion generated by the former conduit securities that remain in our investment securities portfolio; and the yields earned on securities purchased compared to the yields earned on securities sold or matured.

Based on market conditions and other factors, we continue to re-invest the proceeds from pay-downs and maturities of investment securities in highly-rated securities, such as U.S. Treasury and agency securities, federal agency mortgage-backed securities and U.S. and non-U.S. mortgage- and asset-backed securities. The pace at which we continue to re-invest and the types of investment securities purchased will depend on the impact of market conditions and other factors over time. We expect these factors and the levels of global interest rates to dictate what effect our re-investment program will have on future levels of our net interest revenue and net interest margin.

## Gains (Losses) Related to Investment Securities, Net

The following table presents net realized gains from sales of securities and the components of net impairment losses, included in net gains and losses related to investment securities, for the periods indicated:

(In millions)	Quarters Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
Net realized gains (losses) from sales of available-for-sale securities	\$—	\$(14	) \$5	\$5
Losses from other-than-temporary impairment	—	(21	) —	(46
Losses reclassified (from) to other comprehensive income	(7	) 8	(10	) 25
Net impairment losses recognized in consolidated statement of income	(7	) (13	) (10	) (21
Gains (losses) related to investment securities, net	\$(7	) \$(27	) \$(5	) \$(16
Impairment associated with expected credit losses	\$—	\$(9	) \$—	\$(13
Impairment associated with management's intent to sell impaired securities prior to recovery in value	(6	) —	(6	) —
Impairment associated with adverse changes in timing of expected future cash flows	(1	) (4	) (4	) (8
Net impairment losses recognized in consolidated statement of income	\$(7	) \$(13	) \$(10	) \$(21

From time to time, in connection with our ongoing management of our investment securities portfolio, we sell available-for-sale securities, to manage risk, to take advantage of favorable market conditions, or for other reasons. In the first six months of 2013, we sold approximately \$4.82 billion of such investment securities and recorded net realized gains of \$5 million. In the first six months of 2012, we sold approximately \$2.45 billion of such investment securities and recorded net realized gains of \$5 million.

The net realized gains recorded in the first six months of 2012 included a loss of \$46 million from the sale of all of our Greek investment securities, which had an aggregate carrying value of approximately \$91 million, in the second

quarter of 2012. These securities, which were previously classified as held to maturity, were sold as a result of the effect of significant deterioration in the creditworthiness of the underlying collateral, including significant downgrades of the securities' external credit ratings.

We regularly review our investment securities portfolio to identify other-than-temporary impairment of individual securities. Additional information about investment securities, the gross gains and losses that compose the net gains and losses

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from sales of securities and other-than-temporary impairment is provided in note 3 to the consolidated financial statements included in this Form 10-Q.

## EXPENSES

The following table presents the components of expenses for the periods indicated:

(Dollars in millions)	Quarters Ended June 30,			Six Months Ended June 30,		
	2013	2012	% Change	2013	2012	% Change
Compensation and employee benefits	\$917	\$942	(3)%	\$1,952	\$2,006	(3)%
Information systems and communications	235	208	13	472	399	18
Transaction processing services	186	172	8	366	353	4
Occupancy	114	115	(1)	230	234	(2)
Acquisition costs	19	15		34	28	
Restructuring charges, net	11	22		10	30	
Other:						
Professional services	103	96	7	182	177	3
Amortization of other intangible assets	54	48	13	107	99	8
Securities processing costs	5	25		10	24	
Regulator fees and assessments	17	14		32	29	
Other	137	115	19	229	228	—
Total other	316	298	6	560	557	1
Total expenses	\$1,798	\$1,772	1	\$3,624	\$3,607	—
Number of employees at period-end	29,225	29,665				

## Expenses

Total expenses for the second quarter and first six months of 2013 were relatively flat compared to the same periods in 2012. Compensation and employee benefits expenses declined 3% in both comparisons, primarily as a result of lower staffing levels and the related impact of savings associated with the execution of our Business Operations and Information Technology Transformation program, partly offset by expenses associated with new business and acquisitions. Compensation and employee benefits expenses in the second quarter and first six months of 2013 included approximately \$19 million and \$42 million, respectively, of costs related to our continuing implementation of the Business Operations and Information Technology Transformation program, compared to approximately \$21 million and \$40 million, respectively, for the same periods in 2012. These costs are not expected to recur subsequent to full implementation of the program.

The increases in information systems and communications expenses in the second quarter and first six months of 2013 compared to the same periods in 2012 were primarily the result of the transition of certain functions to third-party service providers associated with components of our technology infrastructure and application maintenance and support, as part of the Business Operations and Information Technology Transformation program, as well as costs to support new business.

Additional information with respect to the impact of the Business Operations and Information Technology Transformation program on future compensation and employee benefits and information systems and communications expenses is provided in the following "Restructuring Charges" section.

The increases in transaction processing services expenses in the second quarter and first six months of 2013 compared to the same periods in 2012 reflected higher equity market values and higher transaction volumes in the asset servicing business.

The increase in other expenses in the second quarter of 2013 compared to the second quarter of 2012 was mainly the result of higher professional services fees, amortization of other intangible assets associated with the GSAS acquisition, which was completed in October 2012, and a higher level of charitable contributions, partly offset by a decline in securities processing costs.

Acquisition Costs

For the second quarter and first six months of 2013, we incurred acquisition costs related to previously disclosed acquisitions of \$19 million and \$34 million, respectively, compared to \$15 million and \$28 million, respectively, for the same periods in 2012.

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## Restructuring Charges

Information with respect to our Business Operations and Information Technology Transformation program and our 2011 and 2012 expense control measures, including charges, employee reductions and aggregate activity in the related accruals, is provided in the following sections.

## Business Operations and Information Technology Transformation Program

In November 2010, we announced a global multi-year Business Operations and Information Technology Transformation program. The program includes operational, information technology and targeted cost initiatives, including plans related to reductions in both staff and occupancy costs.

With respect to our business operations, we are standardizing certain core business processes, primarily through our execution of the State Street Lean methodology, and driving automation of these business processes. We are currently creating a new technology platform, including transferring certain core software applications to a private cloud, and have expanded our use of third-party service providers associated with components of our information technology infrastructure and application maintenance and support. We expect the transfer of core software applications to a private cloud to occur primarily in 2013 and 2014.

To implement this program, we expect to incur aggregate pre-tax restructuring charges of approximately \$400 million to \$450 million over the four-year period ending December 31, 2014. To date, we have recorded aggregate restructuring charges of \$364 million in our consolidated statement of income, as presented in the following table by type of cost:

(In millions)	Employee-Related Costs	Real Estate Consolidation	Information Technology Costs	Total
2010	\$ 105	\$51	\$—	\$ 156
2011	85	7	41	133
2012	27	20	20	67
First six months of 2013	5	4	(1	) 8
Total	\$ 222	\$82	\$60	\$364

Employee-related costs included severance, benefits and outplacement services. Real estate consolidation costs resulted from actions taken to reduce our occupancy costs through consolidation of leases and properties. Information technology costs included transition fees related to the above-described expansion of our use of third-party service providers.

In 2010, in connection with the program, we initiated the involuntary termination of 1,400 employees, or approximately 5% of our global workforce, which was substantially complete at the end of 2011. In addition, in connection with our announcement in 2011 of the expansion of our use of third-party service providers associated with our information technology infrastructure and application maintenance and support, as well as the continued implementation of the business operations transformation component of the program, we have identified 1,187 additional involuntary terminations and role eliminations, including 212 in the first six months of 2013. As of June 30, 2013, we have eliminated 1,115 of these positions.

In connection with the continuing implementation of the program, we achieved approximately \$86 million of pre-tax expense savings in 2011, and additional pre-tax expense savings of approximately \$112 million in 2012, compared to our 2010 total expenses from operations. As of December 31, 2012, we have achieved total pre-tax expense savings of approximately \$198 million since the program's inception in 2010. Additional pre-tax expense savings to be achieved in 2013 are forecasted to be approximately \$220 million.

Excluding the expected aggregate restructuring charges of \$400 million to \$450 million described earlier, we expect the program to reduce our pre-tax expenses from operations, on an annualized basis, by approximately \$575 million to \$625 million by the end of 2014 compared to 2010, all else being equal, with the full effect to be realized in 2015. We expect the business operations transformation component of the program to result in approximately \$450 million of these savings, with the majority of these savings expected to be achieved by the end of 2013. In addition, we expect

the information technology transformation component of the program to result in approximately \$150 million of savings.

These pre-tax savings relate only to the Business Operations and Information Technology Transformation program and are based on projected improvement from our total 2010 expenses from operations. Our actual total expenses have increased since 2010, and may in the future increase or decrease, due to other factors. The majority of the annual savings will affect compensation and employee benefits expenses. These savings will be modestly offset by increases in information systems and communications expenses as we implement the program.

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## 2011 Expense Control Measures

In the fourth quarter of 2011, in connection with expense control measures designed to calibrate our expenses to our outlook for our capital markets-facing businesses in 2012, we took two actions. First, we withdrew from our fixed-income trading initiative, in which we traded in fixed-income securities and derivatives as principal with our custody clients and other third-parties that trade in these securities and derivatives. Second, we undertook other targeted staff reductions. As a result of these actions, we have recorded aggregate pre-tax restructuring charges and credits of \$119 million in our consolidated statement of income, as presented in the following table by type of cost:

(In millions)	Employee-Related Costs	Fixed-Income Trading Portfolio	Asset and Other Write-Offs	Total
2011	\$ 62	\$38	\$20	\$120
2012	3	(9	) 5	(1
Total	\$ 65	\$29	\$25	\$119

Employee-related costs included severance, benefits and outplacement services. We identified 442 employees to be involuntarily terminated as their roles were eliminated. As of June 30, 2013, we had substantially completed these reductions.

Costs for the fixed-income trading portfolio resulted primarily from fair-value adjustments to the initiative's trading portfolio related to our decision to withdraw from the initiative. In connection with our withdrawal, in 2012, we wound down that initiative's remaining trading portfolio. Costs for asset and other write-offs were related to asset write-downs and contract terminations.

## 2012 Expense Control Measures

In the fourth quarter of 2012, in connection with expense control measures designed to better align our expenses to our business strategy and related outlook for 2013, we identified additional targeted staff reductions. As a result of these actions, we have recorded aggregate pre-tax restructuring charges of \$135 million in our consolidated statement of income, as presented in the following table by type of cost:

(In millions)	Employee-Related Costs	Asset and Other Write-Offs	Total
2012	\$ 129	\$4	\$133
First six months of 2013 <sup>(1)</sup>	(1	) 3	2
Total	\$ 128	\$7	\$135

<sup>(1)</sup> Total charge included \$11 million in the second quarter of 2013.

Employee-related costs included severance, benefits and outplacement services. Costs for asset and other write-offs were primarily related to contract terminations. We originally identified involuntary terminations and role eliminations of 960 employees (630 positions after replacements). As of June 30, 2013, 638 positions had been eliminated through voluntary and involuntary terminations.

## Aggregate Restructuring-Related Accrual Activity

The following table presents aggregate activity associated with accruals that resulted from the charges associated with the Business Operations and Information Technology Transformation program and the 2011 and 2012 expense control measures:

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(In millions)	Employee- Related Costs	Real Estate Consolidation	Information Technology Costs	Fixed-Income Trading Portfolio	Asset and Other Write-Offs	Total	
Initial accrual	\$105	\$ 51				\$156	
Payments	(15	) (4	)			(19	)
Balance as of December 31, 2010	90	47				137	
Additional accruals for Business Operations and Information Technology Transformation program	85	7	\$41			133	
Accruals for 2011 expense control measures	62	—	—	\$ 38	\$20	120	
Payments and adjustments	(75	) (15	) (8	) —	(5	) (103	)
Balance as of December 31, 2011	162	39	33	38	15	287	
Additional accruals for Business Operations and Information Technology Transformation program	27	20	20	—	—	67	
Additional accruals for 2011 expense control measures	3	—	—	(9	) 5	(1	)
Accruals for 2012 expense control measures	129	—	—	—	4	133	
Payments and adjustments	(126	) (10	) (48	) (29	) (11	) (224	)
Balance as of December 31, 2012	195	49	5	—	13	262	
Additional accruals for Business Operations and Information Technology Transformation program	5	4	(1	) —	—	8	
Additional accruals for 2012 expense control measures	(1	) —	—	—	3	2	
Payments and adjustments	(83	) (10	) (4	) —	(6	) (103	)
Balance as of June 30, 2013	\$116	\$ 43	\$—	\$—	\$10	\$169	

## INCOME TAX EXPENSE

Income tax expense was \$183 million in the second quarter of 2013 compared to \$162 million in the second quarter of 2012. In the first six months of 2013 and 2012, income tax expense was \$328 million and \$321 million, respectively. Our effective tax rate for the first six months of 2013 was 23.9%, compared to 26.0% for the first six months of 2012, with the decline primarily associated with the geographic mix of earnings and an increase in renewable energy investments in 2013.

## LINE OF BUSINESS INFORMATION

We have two lines of business: Investment Servicing and Investment Management. Given our services and management organization, 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. Information about our two lines of business, as well as the revenues, expenses and capital allocation methodologies associated with them, is provided in note 16 to the consolidated financial statements included in this Form 10-Q.



The following is a summary of our line of business results for the periods indicated. The “Other” column for 2013 included net acquisition and restructuring costs and certain provisions for litigation exposure. The “Other” column for 2012 included the net realized loss from the sale of all of our Greek investment securities, net acquisition and restructuring costs, and certain provisions for litigation exposure. The amounts in the “Other” columns were not allocated to State Street’s business lines. Results for 2012 reflect reclassifications, for comparative purposes, related to management changes in methodology associated with funds transfer pricing and expense allocation reflected in results for 2013.

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(Dollars in millions, except where otherwise noted)	Quarters Ended June 30,							
	Investment Servicing		Investment Management		Other		Total	
	2013	2012	2013	2012	2013	2012	2013	2012
Fee revenue:								
Servicing fees	\$1,201	\$1,086	\$—	\$—	\$—	\$—	\$1,201	\$1,086
Management fees	—	—	277	246	—	—	277	246
Trading services	279	232	17	23	—	—	296	255
Securities finance	117	127	14	16	—	—	131	143
Processing fees and other	66	60	—	(12 )	—	—	66	48
Total fee revenue	1,663	1,505	308	273	—	—	1,971	1,778
Net interest revenue	571	653	25	19	—	—	596	672
Gains (losses) related to investment securities, net	(7 )	19	—	—	—	(46 )	(7 )	(27 )
Total revenue	2,227	2,177	333	292	—	(46 )	2,560	2,423
Provision for loan losses	—	(1 )	—	—	—	—	—	(1 )
Total expenses	1,546	1,512	207	216	45	44	1,798	1,772
Income before income tax expense	\$681	\$666	\$126	\$76	\$(45 )	\$(90 )	\$762	\$652
Pre-tax margin	31 %	31 %	38 %	26 %			30 %	27 %
Average assets (in billions)	\$203.6	\$185.2	\$4.1	\$3.9			\$207.7	\$189.1

(Dollars in millions, except where otherwise noted)	Six Months Ended June 30,							
	Investment Servicing		Investment Management		Other		Total	
	2013	2012	2013	2012	2013	2012	2013	2012
Fee revenue:								
Servicing fees	\$2,376	\$2,164	\$—	\$—	\$—	\$—	\$2,376	\$2,164
Management fees	—	—	540	482	—	—	540	482
Trading services	536	487	41	48	—	—	577	535
Securities finance	186	215	23	25	—	—	209	240
Processing fees and other	121	145	5	(3 )	—	—	126	142
Total fee revenue	3,219	3,011	609	552	—	—	3,828	3,563
Net interest revenue	1,128	1,258	44	39	—	—	1,172	1,297
Gains (losses) related to investment securities, net	(5 )	30	—	—	—	(46 )	(5 )	(16 )
Total revenue	4,342	4,299	653	591	—	(46 )	4,995	4,844
Provision for loan losses	—	(1 )	—	—	—	—	—	(1 )
Total expenses	3,132	3,078	433	449	59	80	3,624	3,607
Income before income tax expense	\$1,210	\$1,222	\$220	\$142	\$(59 )	\$(126 )	\$1,371	\$1,238
Pre-tax margin	28 %	28 %	34 %	24 %			27 %	26 %
Average assets (in billions)	\$204.0	\$184.7	\$4.0	\$3.9			\$208.0	\$188.6



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## Investment Servicing

Total revenue in the second quarter of 2013 for our Investment Servicing line of business, as presented in the preceding tables, increased 2% compared to the second quarter of 2012 and increased 1% in the six-month comparison. Total fee revenue increased 11% and 7%, respectively, in the same comparisons. The increase in total fee revenue in the quarterly comparison generally resulted from increases in servicing fees and trading services revenue. The six-month comparison reflected similar increases, partly offset by declines in securities finance revenue and processing fees and other revenue.

Servicing fees in the second quarter and first six months of 2013 increased 11% and 10%, respectively, compared to the same periods in 2012. The increases primarily resulted from stronger global equity markets and the impact of net new business installed on current-period revenue, as well as the addition of revenue from the October 2012 GSAS acquisition.

Trading services revenue in the second quarter of 2013 increased 20%, and increased 10% in the first six months of 2013, compared to the same periods in 2012, mainly due to higher foreign exchange trading revenue associated with increased client volumes and currency volatilities. Securities finance revenue decreased in both the second-quarter and six-month comparisons, primarily as a result of lower spreads and slightly lower lending volumes.

Processing fees and other revenue in the second quarter of 2013 increased 10%, and decreased 17% in the first six months of 2013, compared to the same periods in 2012. The increase in the quarterly comparison was mainly due to a \$20 million gain in the second quarter of 2013 from the sale of an investment by one of our joint ventures. The decrease in the six-month comparison was mainly due to positive fair-value adjustments recorded in 2012 related to our withdrawal from our fixed-income trading initiative.

Servicing fees and net gains (losses) related to investment securities for our Investment Servicing business line are identical to the respective consolidated results. Refer to "Servicing Fees," and "Gains (Losses) Related to Investment Securities, Net" under "Total Revenue" in this Management's Discussion and Analysis for a more in-depth discussion. A discussion of trading services revenue, securities finance revenue and processing fees and other revenue is provided under "Trading Services," "Securities Finance" and "Processing Fees and Other" in "Total Revenue."

Net interest revenue in both the second quarter and first six months of 2013 decreased 13% and 10%, respectively, compared to the same periods in 2012. The decreases were primarily driven by the impacts of lower global interest rates, which negatively affected the rates paid on funds held with the Federal Reserve and non-U.S. central banks, and repricing on floating-rate investment securities. The decreases also reflected the reinvestment of higher levels of pay-downs on existing investment securities in lower-yielding investment securities. The decreases in net interest revenue were partly offset by the impacts of growth in the investment portfolio, lower funding costs, and the investment of continued elevated levels of client deposits with the Federal Reserve, the European Central Bank, or ECB, and other non-U.S. central banks.

Total expenses in both the second quarter and first six months of 2013 increased 2% compared to the same periods in 2012. Compensation and employee benefits expenses declined 3% in both comparisons, primarily as a result of lower staffing levels and the related impact of savings associated with the execution of our Business Operations and Information Technology Transformation program, partly offset by expenses associated with new business and acquisitions. Information systems and communications expenses increased, primarily the result of the transition of certain functions to third-party service providers associated with components of our technology infrastructure and application maintenance and support, as part of the Business Operations and Information Technology Transformation program, as well as costs to support new business.

Increases in transaction processing services expenses in the second quarter and first six months of 2013 compared to the same periods in 2012 reflected higher equity market values and higher transaction volumes in the asset servicing business. Other expenses increased in the second quarter of 2013 compared to the second quarter of 2012, mainly the result of higher professional services fees, amortization of other intangible assets associated with the GSAS acquisition, which was completed in October 2012, and a higher level of charitable contributions, partly offset by a decline in securities processing costs.

Investment Management

Total revenue in the second quarter of 2013 for our Investment Management line of business, as presented in the preceding tables, increased 14% compared to the second quarter of 2012 and increased 11% in the six-month comparison. Total fee revenue increased 13% and 10%, respectively, in the same comparisons, generally reflective of increases in management fees.

Management fees in the second quarter of 2013 increased 13%, and 12% in the first six months of 2013, compared to the same periods in 2012. The increases primarily resulted from stronger equity market valuations and the impact of net new business installed on current-period revenue. Management fees for the Investment Management business line are identical to the respective consolidated results. Refer to “Management Fees” in “Total Revenue” in this Management's Discussion and Analysis for a more in-depth discussion.

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Trading services revenue in the second quarter of 2013 decreased 26% compared to the second quarter of 2012 and 15% in the six-month comparison, the result of a decrease in distribution fees associated with the SPDR® Gold ETF. Processing fees and other revenue in the second quarter and first six months of 2013 increased compared to the second quarter and first six months of 2012, mainly the result of impairment adjustments recorded in the second quarter of 2012 related to certain joint ventures.

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 balance sheet volume, mix and currency denomination. As our clients execute their worldwide cash management and investment activities, they utilize short-term investments and deposits that constitute the majority of our liabilities. These liabilities are generally in the form of non-interest-bearing demand deposits; interest-bearing transaction account deposits, which are denominated in a variety of currencies; and repurchase agreements, which generally serve as short-term investment alternatives for our clients.

Deposits and other liabilities generated by client activities are invested in assets that generally match the liquidity and interest-rate characteristics of the liabilities, although the weighted-average maturities of our assets are significantly longer than the contractual maturities of our liabilities. Our assets consist primarily of securities held in our available-for-sale or held-to-maturity portfolios and short-duration financial instruments, such as interest-bearing deposits 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. The following table presents the components of our average total interest-earning and noninterest-earning assets, average total interest-bearing and noninterest-bearing liabilities, and average preferred and common shareholders' equity for the six months ended June 30, 2013 and 2012. Additional information about our average statement of condition, primarily our interest-earning assets and interest-bearing liabilities, is included under "Consolidated Results of Operations - Total Revenue - Net Interest Revenue" in this Management's Discussion and Analysis.

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(In millions)	Average Balance Six Months Ended June 30, 2013	Average Balance Six Months Ended June 30, 2012
Assets:		
Interest-bearing deposits with banks	\$29,408	\$25,383
Securities purchased under resale agreements	5,751	7,715
Trading account assets	682	683
Investment securities	119,059	111,205
Loans and leases	13,374	11,033
Other interest-earning assets	10,025	6,807
Total interest-earning assets	178,299	162,826
Cash and due from banks	3,897	2,738
Other noninterest-earning assets	25,782	23,073
Total assets	\$207,978	\$188,637
Liabilities and shareholders' equity:		
Interest-bearing deposits:		
U.S.	\$10,669	\$4,952
Non-U.S.	100,930	87,538
Total interest-bearing deposits	111,599	92,490
Securities sold under repurchase agreements	8,156	7,864
Federal funds purchased	331	892
Other short-term borrowings	4,138	4,705
Long-term debt	7,802	7,540
Other interest-bearing liabilities	6,384	5,853
Total interest-bearing liabilities	138,410	119,344
Noninterest-bearing deposits	34,421	36,536
Other noninterest-bearing liabilities	14,281	12,897
Preferred shareholders' equity	489	500
Common shareholders' equity	20,377	19,360
Total liabilities and shareholders' equity	\$207,978	\$188,637

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## Investment Securities

The following table presents the carrying values of investment securities by type as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Available for sale:		
U.S. Treasury and federal agencies:		
Direct obligations	\$777	\$841
Mortgage-backed securities	26,462	32,212
Asset-backed securities:		
Student loans <sup>(1)</sup>	15,140	16,421
Credit cards	9,134	9,986
Sub-prime	1,325	1,399
Other	4,394	4,677
Total asset-backed securities	29,993	32,483
Non-U.S. debt securities:		
Mortgage-backed securities	10,391	11,405
Asset-backed securities	5,467	6,218
Government securities	3,430	3,199
Other	4,308	4,306
Total non-U.S. debt securities	23,596	25,128
State and political subdivisions	8,119	7,551
Collateralized mortgage obligations	4,976	4,954
Other U.S. debt securities	5,065	5,298
U.S. equity securities	43	31
Non-U.S. equity securities	1	1
Money-market mutual funds	1,148	1,183
Total	\$100,180	\$109,682
Held to Maturity:		
U.S. Treasury and federal agencies:		
Direct obligations	\$5,000	\$5,000
Mortgage-backed securities	114	153
Asset-backed securities:		
Student loans <sup>(1)</sup>	1,294	—
Credit cards	68	—
Other	889	16
Total asset-backed securities	2,251	16
Non-U.S. debt securities:		
Mortgage-backed securities	3,809	3,122
Asset-backed securities	1,167	434
Government securities	15	3
Other	184	167
Total non-U.S. debt securities	5,175	3,726
State and political subdivisions	66	74
Collateralized mortgage obligations	2,862	2,410
Total	\$15,468	\$11,379



(1) Substantially composed of securities guaranteed by the federal government with respect to at least 97% of defaulted principal and accrued interest on the underlying loans.

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Additional information about our investment securities portfolio is provided in note 3 to the consolidated financial statements included in this Form 10-Q.

We manage our investment securities portfolio to align with the interest-rate and duration characteristics of our client liabilities and in 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.

The portfolio is concentrated in securities with high credit quality, with approximately 88% of the carrying value of the portfolio rated "AAA" or "AA" as of June 30, 2013. The following table presents the percentages of the carrying value of the portfolio, by external credit rating, as of the dates indicated:

	June 30, 2013		December 31, 2012	
AAA <sup>(1)</sup>	69	%	69	%
AA	19		19	
A	7		7	
BBB	3		3	
Below BBB	2		2	
	100	%	100	%

<sup>(1)</sup> Includes U.S. Treasury securities that are split-rated, "AAA" by Moody's Investors Service and "AA+" by Standard & Poor's.

As of June 30, 2013, the investment portfolio of approximately 10,760 securities was diversified with respect to asset class. Approximately 76% of the aggregate carrying value of the portfolio as of that date was composed of mortgage-backed and asset-backed securities. The predominantly floating-rate asset-backed portfolio consisted primarily of student loan-backed and credit card-backed securities. Mortgage-backed securities were composed of securities issued by the Federal National Mortgage Association and Federal Home Loan Mortgage Corporation, as well as U.S. and non-U.S. large-issuer collateralized mortgage obligations.

Our investment securities portfolio represented approximately 51% and 54% of our consolidated total assets as of June 30, 2013 and December 31, 2012, respectively, and the gross interest revenue generated by our investment securities portfolio represented approximately 22% of our consolidated total gross revenue for both the second quarter and first six months of 2013, compared to approximately 26% of our consolidated total gross revenue for both the second quarter and first six months of 2012. Our investment securities portfolio represents a greater proportion of our consolidated statement of condition, and our loan-and-lease portfolio represents a smaller proportion, in comparison to many other major banking organizations. 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 or a portfolio of U.S. Treasury securities. For example, under the recently issued Basel III final rule, after-tax changes in the fair value of investment securities classified as available for sale will be included in the determination of 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 incurred credit losses) are not similarly included in the determination of tier 1 capital under the final rule.

**Non-U.S. Debt Securities**

Approximately 25% of the aggregate carrying value of our investment securities portfolio as of June 30, 2013 was composed of non-U.S. debt securities. The following table presents our non-U.S. debt securities available for sale and held to maturity, included in the preceding table of investment securities carrying values, by significant country of issuer or location of collateral, as of the dates indicated:

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(In millions)	June 30, 2013	December 31, 2012
Available for Sale:		
United Kingdom	\$9,299	\$10,263
Australia	3,610	4,035
Netherlands	2,936	3,006
Canada	2,045	2,274
Germany	1,575	1,836
France	1,358	1,364
Japan	1,023	1,173
Korea	834	257
Norway	275	210
Finland	254	259
Sweden	74	72
Mexico	66	70
Other	247	309
Total	\$23,596	\$25,128
Held to Maturity:		
Australia	\$2,042	\$2,189
United Kingdom	1,092	920
Netherlands	835	—
Germany	568	—
Italy	262	276
Spain	199	209
Other	177	132
Total	\$5,175	\$3,726

Approximately 88% and 87% of the aggregate carrying value of these non-U.S. debt securities was rated "AAA" or "AA" as of June 30, 2013 and December 31, 2012, respectively. The majority of these securities comprise senior positions within the security structures; these positions have a level of protection provided through subordination and other forms of credit protection. As of June 30, 2013, these non-U.S. debt securities had an aggregate pre-tax net unrealized gain of approximately \$366 million, composed of gross unrealized gains of \$481 million and gross unrealized losses of \$115 million, and an average market-to-book ratio of 101.3%. The majority is floating-rate securities, and accordingly, the securities are considered to have minimal interest-rate risk.

As of June 30, 2013, the underlying collateral for mortgage- and asset-backed securities primarily included U.K. prime mortgages, Australian and Dutch mortgages and German automobile loans. The securities listed under "Canada" were mainly composed of Canadian government securities. The securities listed under "France" were mainly composed of corporate debt and asset-backed securities. The securities listed under "Japan" were substantially composed of Japanese government securities. The "other" category of available-for-sale securities included approximately \$63 million and \$105 million of securities as of June 30, 2013 and December 31, 2012, respectively, related to Portugal and Ireland, all of which were mortgage-backed securities. The "other" category of held-to-maturity securities included approximately \$126 million and \$130 million of securities as of June 30, 2013 and December 31, 2012, respectively, related to Portugal and Ireland, all of which were mortgage-backed securities.

Our aggregate exposure to Spain, Italy, Ireland and Portugal as of June 30, 2013 did not include any direct sovereign debt exposure to any of these countries. Our indirect exposure to these countries totaled approximately \$712 million, including approximately \$556 million of mortgage- and asset-backed securities with an aggregate pre-tax net unrealized gain of approximately \$33 million as of June 30, 2013, composed of gross unrealized gains of \$58 million and gross unrealized losses of \$25 million. We recorded other-than-temporary impairment of \$6 million on one of

these securities in the second quarter and first six months of 2013, all associated with management's intent to sell the impaired security prior to its recovery in value. We recorded other-than temporary impairment of \$6 million on certain of these securities in the second quarter and first six months of 2012, all associated with expected credit losses. Eurozone crisis tensions appeared to ease in the second quarter of 2013, following renewed volatility at the end of the first quarter of 2013, contributing to a market rally. Economic performance remains weak in Spain, Italy, Ireland and Portugal.

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Throughout the sovereign debt crisis, the major independent credit rating agencies have downgraded, and may in the future do so again, U.S. and non-U.S. financial institutions and sovereign issuers which have been, and may in the future be, significant counterparties to us, or whose financial instruments serve as collateral on which we rely for credit risk mitigation purposes. As a result, we may be exposed to increased counterparty risk, leading to negative ratings volatility.

Country risks with respect to Spain, Italy, Ireland and Portugal are identified, assessed and monitored by our Country Risk Committee. Country limits are defined in our credit and counterparty risk guidelines, in accordance with our credit and counterparty risk policy. These limits are monitored on a daily basis by Enterprise Risk Management, or ERM. These country exposures are subject to ongoing surveillance and stress test analysis, conducted by the investment portfolio management team. The stress tests performed reflect the structure and nature of the exposure, its past and projected future performance based on macroeconomic and environmental analysis, with key underlying assumptions varied under a range of scenarios, reflecting downward pressure on collateral performance. The results of the stress tests are presented to senior management and ERM as part of the surveillance process.

In addition, ERM conducts separate stress-test analyses and evaluates the structured asset exposures in these countries for the assessment of other-than-temporary impairment. The assumptions used in these evaluations reflect expected downward pressure on collateral performance. Stress scenarios are subject to regular review, and are updated to reflect changes in the economic environment, measures taken in response to the sovereign debt crisis and collateral performance, with particular attention to these specific country exposures.

Municipal Securities

We carried an aggregate of approximately \$8.19 billion and \$7.63 billion of municipal securities, classified as state and political subdivisions in the preceding table of investment securities carrying values, in our investment securities portfolio as of June 30, 2013 and December 31, 2012, respectively. Substantially all of these securities were classified as available for sale, with the remainder classified as held to maturity. We also provided approximately \$8.09 billion and \$8.49 billion of credit and liquidity facilities to municipal issuers as a form of credit enhancement as of the same dates. The following tables present our combined credit exposure to state and municipal obligors that represented 5% or more of our aggregate municipal credit exposure of approximately \$16.28 billion and \$16.12 billion as of June 30, 2013 and December 31, 2012, respectively, across our businesses as of the dates indicated, grouped by state to display geographic dispersion:

June 30, 2013	Total Municipal Securities	Credit and Liquidity Facilities	Total	% of Total Municipal Exposure	
(Dollars in millions)					
State of Issuer:					
Texas	\$1,145	\$ 1,757	\$2,902	18	%
New York	599	969	1,568	10	
Massachusetts	899	508	1,407	9	
California	253	1,235	1,488	9	
New Jersey	800	—	800	5	
Florida	186	577	763	5	
Total	\$3,882	\$ 5,046	\$8,928		

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December 31, 2012	Total Municipal Securities	Credit and Liquidity Facilities	Total	% of Total Municipal Exposure	
(Dollars in millions)					
State of Issuer:					
Texas	\$1,091	\$ 1,957	\$3,048	19	%
New York	486	973	1,459	9	
Massachusetts	869	508	1,377	9	
California	190	1,158	1,348	8	
New Jersey	867	—	867	5	
Florida	148	680	828	5	
Total	\$3,651	\$ 5,276	\$8,927		

Our aggregate municipal securities exposure as of June 30, 2013 presented in the foregoing table was concentrated primarily with highly-rated counterparties, with approximately 79% of the obligors rated "AAA" or "AA" as of June 30, 2013. As of that date, approximately 67% and 31% of our aggregate exposure was associated with general obligation and revenue bonds, respectively. In addition, we had no exposures associated with healthcare, industrial development or land development bonds. The portfolios are also diversified geographically; the states that represent our largest exposure are widely dispersed across the U.S. We held no municipal securities, and had no exposure under credit or liquidity facilities, associated with the City of Detroit as of June 30, 2013.

Additional information with respect to our analysis of other-than-temporary impairment of our municipal securities is provided in note 3 to the consolidated financial statements included in this Form 10-Q.

Impairment

The following table presents net unrealized gains on securities available for sale as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Fair value	\$100,180	\$ 109,682
Amortized cost	100,065	108,563
Net unrealized gain, pre-tax	\$115	\$ 1,119
Net unrealized gain, after-tax	\$71	\$ 708

The decline in the net unrealized gain as of June 30, 2013 compared to December 31, 2012 presented above was primarily attributable to changes in interest rates in the second quarter of 2013. The amounts as of both June 30, 2013 and December 31, 2012 exclude the remaining net unrealized losses primarily related to reclassifications of securities available for sale to securities held to maturity in 2008. These unrealized losses related to reclassifications totaled \$145 million, or \$89 million after-tax, and \$176 million, or \$110 million after-tax, as of June 30, 2013 and December 31, 2012, respectively, and were recorded in accumulated other comprehensive income within shareholders' equity in our consolidated statement of condition. Refer to note 10 to the consolidated financial statements included in this Form 10-Q. The decline in these remaining after-tax unrealized losses related to reclassifications from December 31, 2012 to June 30, 2013 resulted primarily from amortization.

We conduct periodic reviews of individual securities to assess whether other-than-temporary impairment exists. Our assessment of other-than-temporary impairment involves an evaluation, more fully described in note 3 to the consolidated financial statements, 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, other-than-temporary impairment could increase, in particular the credit-related component that would be recorded in our consolidated statement of income. Given the exposure of our investment securities portfolio, particularly mortgage- and asset-backed securities, to residential mortgage and other consumer credit risks, the performance of the U.S. housing market continues to be a factor in the portfolio's credit performance. As such, our assessment of other-than-temporary impairment relies, in part, on our estimates of trends in national housing prices in addition to trends in unemployment rates, interest rates

and the timing of defaults. Generally, indices that measure trends in national housing prices are published in arrears. As of March 31, 2013, national housing prices, according to the CoreLogic Case-Shiller National Home Price Index, had declined by approximately 28% peak-to-current. Overall, our evaluation of other-than-temporary impairment as of June 30, 2013 included an expectation of a U.S. housing recovery characterized by relatively modest growth in national housing prices over the next few years. In connection with our assessment of other-than-temporary impairment with respect to relevant securities in our investment portfolio in future

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periods, we will consider trends in national housing prices that we observe at those times, including the CoreLogic Case-Shiller National Home Price Index, in addition to trends in unemployment rates, interest rates and the timing of defaults.

The other-than-temporary impairment of our investment securities portfolio continues to be sensitive to our estimates of future cumulative losses. However, given our recent more positive outlook for U.S. national housing prices, our sensitivity analysis indicates, as of June 30, 2013, that our investment securities portfolio is currently less exposed to the overall housing price outlook relative to other factors, including unemployment rates and interest rates, than it was as of December 31, 2012.

The residential mortgage servicing environment remains challenging, and the time line to liquidate distressed loans continues to extend. The rate at which distressed residential mortgages are liquidated may affect, among other things, our investment securities portfolio. Such effects could include the timing of cash flows or the credit quality associated with the mortgages collateralizing certain of our residential mortgage-backed securities, which, accordingly, could result in the recognition of additional other-than-temporary impairment in future periods.

Our evaluation of potential other-than-temporary impairment of mortgage-backed securities with collateral located in Spain, Italy, Ireland and Portugal takes into account government intervention in the corresponding mortgage markets and assumes a negative baseline macroeconomic environment for this region, due to a combination of slower economic growth and government austerity measures. Our baseline view assumes a recessionary period characterized by high unemployment and by additional declines in housing prices of between 9% and 18% across these four countries. Our evaluation of other-than-temporary impairment in our base case does not assume a disorderly sovereign debt restructuring or a break-up of the Eurozone.

In addition, we perform stress testing and sensitivity analysis in order to assess the impact of more severe assumptions on potential other-than-temporary impairment. We estimate, for example, that in more stressful scenarios in which unemployment, gross domestic product and housing prices in these four countries deteriorate more than we expected as of June 30, 2013, other-than-temporary impairment could increase by a range of approximately \$20 million to \$47 million. This sensitivity estimate is based on a number of factors, including, but not limited to, the level of housing prices and the timing of defaults. To the extent that such factors differ significantly from management's current expectations, resulting loss estimates may differ materially from those stated.

Excluding other-than-temporary impairment recorded in the first six months of 2013, management considers the aggregate decline in fair value of the remaining investment securities and the resulting gross unrealized losses as of June 30, 2013 to be temporary and not the result of any material changes in the credit characteristics of the securities. Additional information about these net unrealized losses and our assessment of impairment is provided in note 3 to the consolidated financial statements included in this Form 10-Q.

## Loans and Leases

The following table presents our U.S. and non-U.S. loans and leases, by segment, as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Institutional:		
U.S.	\$12,199	\$9,645
Non-U.S.	4,067	2,251
Commercial real estate:		
U.S.	165	411
Total loans and leases	16,431	12,307
Allowance for loan losses	(22)	(22)
Loans and leases, net of allowance for loan losses	\$16,409	\$12,285

Additional information about these loan and lease segments, including underlying classes, is provided in note 4 to the consolidated financial statements included in this Form 10-Q, and in note 5 to the consolidated financial statements included in our 2012 Form 10-K.



Aggregate short-duration advances to our clients included in the institutional segment were \$6.18 billion and \$3.30 billion as of June 30, 2013 and December 31, 2012, respectively. As of June 30, 2013 and December 31, 2012, unearned income deducted from our investment in leveraged lease financing was \$126 million and \$131 million, respectively, for U.S. leases and \$313 million and \$334 million, respectively, for non-U.S. leases. As of June 30, 2013 and December 31, 2012, we held an aggregate of approximately \$130 million and \$197 million, respectively, of commercial real estate loans which were modified in troubled debt restructurings. No impairment loss was

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recognized upon restructuring of the loans, as the discounted cash flows of the modified loans exceeded the carrying amount of the original loans as of the modification date. No loans were modified in troubled debt restructurings in the first six months of 2013 or in all of 2012.

The following table presents activity in the allowance for loan losses for the periods indicated:

(In millions)	Six Months Ended June 30,	
	2013	2012
Allowance for loan losses:		
Beginning balance	\$22	\$22
Provision for loan losses:		
Commercial real estate	—	(1)
Recoveries:		
Commercial real estate	—	1
Ending balance	\$22	\$22

**Cross-Border Outstandings**

Cross-border outstandings are amounts payable to State Street by non-U.S. counterparties which are denominated in U.S. dollars or other non-local currency, as well as non-U.S. local currency claims not funded by local currency liabilities. Our cross-border outstandings consist primarily of deposits with banks; loans and lease financing, including short-duration advances; investment securities; amounts related to foreign exchange and interest-rate contracts; and securities finance. In addition to credit risk, cross-border outstandings have the risk that, as a result of political or economic conditions in a country, borrowers may be unable to meet their contractual repayment obligations of principal and/or interest when due because of the unavailability of, or restrictions on, foreign exchange needed by borrowers to repay their obligations.

Additional information with respect to the nature of our cross-border outstandings is provided under "Financial Condition - Cross-Border Outstandings" in Management's Discussion and Analysis included in our 2012 Form 10-K. The following table presents our cross-border outstandings in countries in which we do business, and which amounted to at least 1% of our consolidated total assets as of the dates indicated. The aggregate of the total cross-border outstandings presented in the table represented approximately 18% and 22% of our consolidated total assets as of June 30, 2013 and December 31, 2012, respectively.

(In millions)	Investment Securities and Other Assets	Derivatives and Securities on Loan	Total Cross-Border Outstandings
June 30, 2013			
United Kingdom	\$ 14,070	\$1,601	\$ 15,671
Australia	6,997	858	7,855
Germany	4,974	273	5,247
Netherlands	4,501	257	4,758
Canada	2,622	768	3,390
Japan	2,120	345	2,465
Switzerland	1,996	310	2,306
December 31, 2012			
United Kingdom	\$ 18,046	\$1,033	\$ 19,079
Australia	7,585	328	7,913
Japan	6,625	1,041	7,666
Germany	7,426	220	7,646
Netherlands	3,130	188	3,318

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Canada	2,730	500	3,230
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Aggregate cross-border outstandings in countries which amounted to between 0.75% and 1% of our consolidated total assets totaled approximately \$1.92 billion to France as of June 30, 2013, and \$1.81 billion and \$1.70 to France and Luxembourg, respectively, as of December 31, 2012.

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Several European countries, particularly Spain, Italy, Ireland and Portugal, have experienced credit deterioration associated with weaknesses in their economic and fiscal situations. With respect to this ongoing uncertainty, we are closely monitoring our exposure to these countries. We had no direct sovereign debt exposure to these countries in our investment securities portfolio as of June 30, 2013. We had aggregate indirect exposure in the portfolio of approximately \$712 million as of June 30, 2013, including \$556 million of mortgage- and asset-backed securities, composed of \$261 million in Spain, \$106 million in Italy, \$114 million in Ireland and \$75 million in Portugal.

The following table presents our cross-border outstandings in each of these countries as of the dates indicated:

(In millions)	Investment Securities and Other Assets	Derivatives and Securities on Loan	Total Cross-Border Outstandings
June 30, 2013			
Italy	\$1,078	\$3	\$ 1,081
Ireland	352	528	880
Spain	262	23	285
Portugal	75	—	75
December 31, 2012			
Italy	\$937	\$1	\$ 938
Ireland	342	277	619
Spain	277	16	293
Portugal	76	—	76

As of June 30, 2013, none of the exposures in these countries was individually greater than 0.75% of our consolidated total assets. The aggregate exposures consisted primarily of interest-bearing deposits, investment securities, loans, including short-duration advances, and foreign exchange contracts. We had not recorded any other-than-temporary impairment associated with expected credit losses, or provisions for loan losses, with respect to any of our exposure to these countries as of June 30, 2013.

**Capital**

The management of both our regulatory and our economic capital involves key metrics evaluated by management to assess whether our actual level of capital is commensurate with our risk profile, is in compliance with all applicable regulatory requirements, and is sufficient to provide us with the financial flexibility to undertake future strategic business initiatives.

**Regulatory Capital**

Our objective with respect to regulatory capital management 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 adequacy requirements. Our capital management process focuses on our risk exposures, our regulatory capital requirements, the evaluations of the major independent credit rating agencies that assign ratings to our public debt and our capital position relative to our peers.

Additional information about our capital management process is provided under "Financial Condition—Capital" in Management's Discussion and Analysis included in our 2012 Form 10-K.

The following table presents regulatory capital ratios and the related components of capital and total risk-weighted assets for State Street and State Street Bank as of the dates indicated. As of June 30, 2013, State Street and State Street Bank met all capital adequacy requirements to which they were subject, and regulatory capital ratios for State Street and State Street Bank exceeded the currently applicable regulatory minimum and "well capitalized" thresholds.



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(Dollars in millions)	Currently Applicable Regulatory Guidelines <sup>(1)</sup>		State Street		State Street Bank	
	Minimum	Well Capitalized	June 30, 2013	December 31, 2012	June 30, 2013	December 31, 2012
Risk-based ratios:						
Tier 1 capital	4	% 6	% 16.6	% 19.1	% 15.0	% 17.3
Total capital	8	10	19.1	20.6	17.7	19.1
Tier 1 leverage ratio	4	5	6.9	7.1	6.1	6.3
Tier 1 capital			\$13,708	\$13,760	\$11,991	\$12,044
Total capital			15,717	14,829	14,087	13,306
Adjusted risk-weighted assets and market risk equivalent assets:						
On-balance sheet assets			66,124	58,238	63,446	55,949
Off-balance sheet equivalent assets			15,357	13,155	15,368	13,144
Market risk equivalent assets			972	519	972	445
Total risk-weighted assets			\$82,453	\$71,912	\$79,786	\$69,538
Adjusted quarterly average assets			\$198,758	\$192,817	\$195,328	\$189,780

<sup>(1)</sup> State Street Bank must comply with the regulatory guideline for “well capitalized” in order for the parent company to maintain its status as a financial holding company, including maintaining a minimum tier 1 risk-based capital ratio of 6%, a minimum total risk-based capital ratio of 10%, and a minimum tier 1 leverage ratio of 5%. The “well capitalized” guideline requires State Street to maintain a minimum tier 1 risk-based capital ratio of 6% and a minimum total risk-based capital ratio of 10%.

State Street's total risk-based capital ratio as of June 30, 2013 presented in the preceding table assumes continued qualification as tier 2 capital, under currently applicable regulatory requirements, of \$400 million of subordinated debt. If such subordinated debt were excluded from tier 2 capital, State Street's total risk-based capital ratio as of June 30, 2013 would be 18.6%, compared to 19.1% presented in the preceding table.

As of June 30, 2013, State Street's and State Street Bank's tier 1 risk-based, total risk-based and tier 1 leverage ratios declined compared to December 31, 2012, primarily the result of increases in total risk-weighted assets and, with respect to the leverage ratio, increases in adjusted quarterly average assets. State Street's tier 1 capital in the same comparison was down slightly, as the positive effect of net income was offset by purchases by us of our common stock and declarations of common stock dividends in the first six months of 2013. The increases in State Street's and State Street Bank's total capital in the same comparison were primarily the result of the May 2013 issuance of \$1 billion of subordinated debt, which qualifies as tier 2 capital. The increases in total risk-weighted assets for both entities as of June 30, 2013 compared to December 31, 2012 were primarily the result of higher levels of short-duration advances to clients and increases in other assets. The increases in adjusted quarterly average assets were associated with the overall size of the balance sheet, which remained high compared to the previous year-end.

**Common Stock**

In March 2013, our Board of Directors approved a new common stock purchase program authorizing the purchase by us of up to \$2.10 billion of our common stock through March 31, 2014. In the second quarter of 2013, we purchased approximately 8.5 million shares of our common stock under the March 2013 program, at an average cost of \$65.73 per share and an aggregate cost of approximately \$560 million. We did not purchase any shares under the March 2013 program in the first quarter of 2013. Refer to Part II Item 2 of this Form 10-Q for additional information with respect to our purchases of our common stock under the March 2013 program.

The March 2013 program followed a \$1.80 billion program authorized by the Board in March 2012, which we completed in the first quarter of 2013 with our purchase of 6.5 million shares at an average per-share and aggregate cost of \$54.95 and approximately \$360 million, respectively.

In the first six months of 2013, under the March 2013 and March 2012 programs, we purchased in the aggregate approximately 15 million shares of our common stock at an average per-share cost of \$61.04 and an aggregate cost of approximately \$920 million.

During the second quarter of 2013, we declared a quarterly common stock dividend of \$0.26 per share, totaling approximately \$117 million, which was paid in July 2013. In the first six months of 2013, we declared aggregate per-share

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common stock dividends of \$0.52, totaling approximately \$235 million, compared to aggregate common stock dividends of \$0.48 per share, totaling approximately \$233 million, declared in the first six months of 2012.

**Basel Capital Framework**

The currently applicable minimum regulatory capital requirements enforced by U.S. banking regulators are based on a 1988 international accord, commonly referred to as Basel I, which was developed by the Basel Committee on Banking Supervision, or Basel Committee.

**Basel II Framework**

In 2004, the Basel Committee released an enhanced capital adequacy framework, referred to as Basel II. Basel II requires large and internationally active banking organizations, such as State Street, which generally rely on sophisticated risk management and measurement systems, to better align the use of those systems with their determination of regulatory capital requirements. Basel II adopts a three-pillar framework for addressing capital adequacy and minimum capital requirements, which incorporates Pillar 1, the measurement of credit risk, market risk and operational risk; Pillar 2, supervisory review, which addresses the need for a banking organization to assess its capital adequacy relative to the risks underlying its business activities, rather than only with respect to its minimum regulatory capital requirements; and Pillar 3, market discipline, which imposes public disclosure requirements on a banking organization intended to allow the assessment of key information about the organization's risk profile and its associated level of regulatory capital.

In 2007, U.S. banking regulators jointly issued final rules to implement the Basel II framework in the U.S. The framework does not supersede or change the existing prompt corrective action and leverage capital requirements applicable to banking organizations in the U.S., and explicitly reserves the regulators' authority to require organizations to hold additional capital where appropriate. Prior to full implementation of the Basel II framework, State Street is required to complete a defined qualification period, during which it must demonstrate that it complies with the related regulatory requirements to the satisfaction of the Federal Reserve. State Street is currently in the qualification period for Basel II.

**Basel III Framework**

In 2010, in response to the financial crisis and ongoing global financial market dynamics, the Basel Committee proposed two significant reforms to the Basel II capital framework. The first reform was composed of changes to the market risk capital framework associated with Basel I, and was referred to as Basel 2.5; the second reform was composed of comprehensive revisions and enhancements to Basel I, which became known as Basel III.

**Market Risk Capital Rule**

The Basel Committee introduced significant changes to the then-existing market risk capital framework, aimed at addressing certain issues in that framework highlighted by the 2008 financial crisis. U.S. banking regulators introduced their version of this so-called Basel 2.5, in the form of a proposed new market risk capital rule, in 2011, which included the concept of an incremental risk capital requirement to capture default and credit-quality migration risk for non-securitization credit products. Other revisions placed additional prudential requirements on banking organizations' internal models for measuring market risk and required enhanced qualitative and quantitative disclosures, particularly with respect to banking organizations' securitization activities.

In August 2012, U.S. banking regulators jointly issued a final market risk capital rule to implement the new market risk capital framework in the U.S. The new market risk capital rule, which was effective beginning on January 1, 2013, supplements Basel I and Basel II, and replaces the prior market risk capital framework under Basel I and Basel II in place since 1998, by requiring banking organizations with significant trading activities, as defined in the rule, to adjust their regulatory risk-based capital ratios to reflect the market risk in their trading activities. Among other things, the final rule requires the use of internal models to calculate daily measures of Value-at-Risk, or VaR, that reflect general market risk for certain trading positions defined as "covered positions," as well as stressed VaR-based measures to supplement the VaR-based measures.

Our adoption of the new market risk capital rule on January 1, 2013 did not significantly affect our or State Street Bank's risk-based capital ratios, although it did modestly increase our market risk equivalent assets. The disclosures



required by the new rule are provided under “Financial Condition - Market Risk - Trading Activities” in this Management's Discussion and Analysis. Market risk equivalent assets are disclosed in the foregoing "Regulatory Capital" portion of this "Capital" section.

**Basel III**

Basel III proposed to establish more stringent regulatory capital and liquidity requirements, including higher minimum regulatory capital ratios, new capital buffers, higher risk-weighted asset calibrations, more restrictive definitions of qualifying capital, a liquidity coverage ratio and a net stable funding ratio.

In June 2012, U.S. banking regulators introduced Basel III by issuing proposed revisions to the existing Basel II framework. These proposals were intended to incorporate the above-described revisions and enhancements proposed by the

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Basel Committee, and implement relevant provisions of the Dodd-Frank Wall Street Reform and Consumer Protection Act, or Dodd-Frank Act, in order to restructure the U.S. capital rules into a harmonized, codified regulatory capital framework.

In July 2013, U.S. banking regulators jointly issued a final rule implementing the Basel III framework in the U.S. Among other things, the final rule raises the minimum tier 1 risk-based capital ratio from 4% to 6%, adds requirements for a minimum common equity tier 1 capital ratio of 4.5% and a minimum supplementary tier 1 leverage ratio of 3% for so-called "advanced approaches" banking organizations (described below), and implements a capital conservation buffer and a countercyclical capital buffer linked to a banking organization's capital levels. The Basel III final rule also incorporates the new market risk capital rule to create a single and comprehensive capital adequacy framework.

Under the Basel III final rule, a banking organization would be able to make capital distributions and discretionary bonus payments without specified limitations as long as it maintains the required capital conservation buffer of 2.5% over each of the minimum tier 1 and total risk-based capital ratios and the common equity tier 1 capital ratio (plus any potentially applicable countercyclical capital buffer). Banking regulators would establish the minimum countercyclical capital buffer, which is initially set at zero, up to a maximum of 2.5% above the minimum ratios inclusive of the capital conservation buffer, under certain economic conditions. As of January 1, 2019, the date that full implementation is required, and assuming no countercyclical buffer, the minimum Basel III capital ratios, including the capital conservation buffer, will be 8.5% for tier 1 risk-based capital, 10.5% for total risk-based capital, and 7% for common equity tier 1 capital, in order for State Street to make capital distributions and discretionary bonus payments without limitation.

The Basel III final rule provides for two frameworks: the "standardized" approach, intended to replace Basel I, and the "advanced" approach, applicable to advanced approaches banking organizations, like State Street, as originally defined under Basel II. Once phased in, the Basel III final rule will change the manner in which our regulatory capital ratios are calculated, will reduce our calculated regulatory capital, and, as noted above, will increase the minimum regulatory capital that we will be required to maintain. Under the Basel III final rule, we will be subject to the lower of our regulatory capital ratios calculated under the standardized approach and those calculated under the advanced approach in the assessment of our capital adequacy under the prompt corrective action framework.

Provisions of the Basel III final rule will become effective under a transition timetable which begins on January 1, 2014. These provisions will supersede or modify corresponding elements of the Basel I and Basel II risk-based and leverage capital requirements and prompt corrective action framework. The requirement for the capital conservation buffer will be phased in beginning on January 1, 2016, with full implementation by January 1, 2019.

The timing of application of the provisions of the Basel III final rule related to the calculation of risk-weighted assets under the advanced approach will depend on State Street's completion of a required qualification period, but will in no case occur earlier than January 1, 2014. During its qualification period, State Street must demonstrate that it complies with the related Basel III requirements to the satisfaction of the Federal Reserve.

**Estimated Basel III Tier 1 Common Ratio**

As described above, the Basel III final rule adds a requirement for a minimum common equity tier 1 capital ratio, or tier 1 common ratio. The tier 1 common ratio is a measurement of capital representing tier 1 capital, reduced by the deduction of "non-common elements," such as trust preferred capital securities and preferred stock, divided by total risk-weighted assets. The tier 1 common ratio is not formally required under Basel I, although it is used by regulators and by management to monitor and assess State Street's capital position, both individually and relative to other financial institutions, and management believes it may be of interest to investors.

The following table presents State Street Corporation's tier 1 common ratio as of June 30, 2013, calculated using Basel I standards, and our estimated tier 1 common ratios as of June 30, 2013, calculated in conformity with the Basel III final rule under both the standardized approach and the advanced approach. These estimated Basel III tier 1 common ratios are preliminary, reflect tier 1 common equity calculated under the Basel III final rule as applicable on its January 1, 2014 effective date, and are based on our present interpretations, expectations and understanding of the

final rule, as we currently understand the final rule's impact. As indicated above, under the Basel III final rule, we will be subject to the lower of our tier 1 common ratio calculated under the standardized approach and under the advanced approach in the assessment of our capital adequacy under the prompt corrective action framework.

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June 30, 2013 (Dollars in millions)	Currently Applicable Regulatory Requirements <sup>(1)</sup>	Basel III Final Rule Standardized Approach (Estimated) <sup>(2)</sup>	Basel III Final Rule Advanced Approach (Estimated) <sup>(2)</sup>		
Tier 1 capital	\$13,708	\$13,007	\$13,007		
Less:					
Trust preferred capital securities	950	475	475		
Preferred stock	490	490	490		
Plus:					
Other	—	54	54		
Tier 1 common capital	12,268	12,096	12,096		
Total risk-weighted assets	82,453	120,495	111,035		
Tier 1 common ratio	14.9	% 10.0	% 10.9	%	%
Minimum tier 1 common ratio requirement, assuming full implementation on January 1, 2019		4.5	% 4.5	%	%
Capital conservation buffer, assuming full implementation on January 1, 2019		2.5	2.5		
Minimum tier 1 common ratio requirement, including capital conservation buffer, assuming full implementation on January 1, 2019 <sup>(3)</sup>		7.0	7.0		

<sup>(1)</sup> Using Basel I standards, the tier 1 common ratio was calculated by dividing (a) tier 1 risk-based capital, calculated in conformity with Basel I, less non-common elements including qualifying trust preferred capital securities and qualifying perpetual preferred stock, or tier 1 common capital, by (b) total risk-weighted assets, calculated in conformity with Basel I.

<sup>(2)</sup> As of June 30, 2013, for purposes of the calculations in conformity with the Basel III final rule, capital and total risk-weighted assets under both the standardized approach and the advanced approach were calculated using our estimates, based on the provisions of the final rule expected to affect capital in 2014. The tier 1 common ratio was calculated by dividing (a) tier 1 common capital, as described in footnote (1), but with tier 1 risk-based capital calculated in conformity with the final rule, by (b) total risk-weighted assets, calculated in accordance with the final rule. These estimated Basel III tier 1 common ratios are preliminary, reflect tier 1 common equity calculated under the Basel III final rule as applicable on its January 1, 2014 effective date, and are based on our present interpretations, expectations and understanding of the final rule, as we currently understand the final rule's impact.

- Under both the standardized and advanced approaches, tier 1 risk-based capital decreased by \$701 million, as a result of applying the estimated effect of the Basel III final rule to tier 1 risk-based capital of \$13.708 billion as of June 30, 2013.

- Under both the standardized and advanced approaches, tier 1 common capital used in the calculation of the tier 1 common ratio was \$12.096 billion, reflecting the adjustments to tier 1 risk-based capital described in the first bullet above. Tier 1 common capital used in the calculation was therefore calculated as adjusted tier 1 risk-based capital of \$13.007 billion less non-common elements of capital, composed of trust preferred capital securities of \$475 million, preferred stock of \$490 million, and other adjustments of \$54 million as of June 30, 2013, resulting in tier 1 common capital of \$12.096 billion. As of June 30, 2013, there was no qualifying minority interest in subsidiaries.

- Under the standardized approach, total risk-weighted assets used in the calculation of the tier 1 common ratio increased by \$38.042 billion as a result of applying the provisions of the final rule to total risk-weighted assets of \$82.453 billion as of June 30, 2013. Under the advanced approach, total risk-weighted assets used in the calculation of the tier 1 common ratio increased by \$28.582 billion as a result of applying the provisions of the final rule to total risk-weighted assets of \$82.453 billion as of June 30, 2013.

The primary differences between total risk-weighted assets under Basel I and the Basel III final rule include the following: under Basel I, credit risk is quantified using pre-determined risk weights and asset classes, and in part, uses external credit ratings, while the Basel III final rule, specifically the standardized and advanced approaches, introduces a broader range of pre-determined risk weights and asset classes, uses certain alternatives to external credit ratings, includes additional adjustments for operational risk (under the advanced approach) and counterparty credit risk, and revises the treatment of equity exposures. In particular, asset securitization exposures receive higher risk weights under both the standardized and advanced approaches in the Basel III final rule compared to Basel I.

<sup>(3)</sup> The minimum tier 1 common ratio requirement does not reflect the countercyclical capital buffer under the Basel III final rule, or the capital buffer for global systemically important banks prescribed by the Basel Committee (refer to "Systemically Important Banks" below); such countercyclical capital buffer, which is initially set at zero, would be established by banking regulators under certain economic

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conditions, and U.S. banking regulators have not yet issued a proposal to implement the prescribed capital buffer for systemically important financial institutions.

The estimated Basel III tier 1 common ratio as of June 30, 2013, calculated under the advanced approach in conformity with the Basel III final rule, reflects calculations and determinations with respect to our capital and related matters as of June 30, 2013, based on State Street and external data, quantitative formulae, statistical models, historical correlations and assumptions, collectively referred to as "advanced systems," in effect and used by our advanced systems for those purposes as of the time we filed this Form 10-Q. Significant components of these advanced systems involve the exercise of judgment by us and our regulators, and our advanced systems may not accurately represent or calculate the scenarios, circumstances, outputs or other results for which they are designed or intended.

Due to the influence of changes in these advanced systems, whether resulting from changes in data inputs, regulation or regulatory supervision or interpretation, State Street-specific 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.

**Impact of Basel III Final Rule**

Our current assessment of the implications of the Basel III final rule indicates a potential impact which could be material to our businesses and our profitability, as well as to our regulatory capital ratios. One significant provision in the final rule would require us to apply the "Simplified Supervisory Formula Approach," referred to as the SSFA, in the risk-weighting of asset securitization exposures, such as asset-backed securities, carried in our investment securities portfolio. The approach required by Basel II utilizes the ratings-based approach, under which external credit ratings are used to risk-weight such exposures. The Dodd-Frank Act prohibits the use of external credit ratings in the risk-weighting of asset securitization exposures. Currently, our investment portfolio contains significant holdings of mortgage- and asset-backed securities that are highly rated by credit rating agencies, but for which the SSFA would apply higher regulatory risk weights compared to the approach required by Basel I and Basel II. In contrast, certain of our securities with lower credit ratings would receive lower regulatory risk weights if the SSFA were applied.

Based on the composition of our investment portfolio with respect to the types of securities and related external credit ratings as of June 30, 2013, our application of the SSFA would materially increase our total regulatory risk-weighted assets relative to those calculated in conformity with Basel I, and correspondingly decrease our regulatory risk-based capital ratios relative to those calculated in conformity with Basel I; as a result, we are re-evaluating the composition of our investment portfolio in order to maintain an investment strategy appropriately aligned with our maintenance of an appropriate level of regulatory capital. Depending on future market conditions, this re-evaluation could result in the reinvestment of our portfolio securities into different types of investments, which could materially affect our consolidated results of operations by reducing our net interest revenue.

Certain of the provisions in the Basel III final rule, including the requirement to apply the SSFA, will become effective beginning on January 1, 2014, although certain provisions will be implemented, in whole or in part, in later periods. The provisions of the SSFA discussed above related to the standardized approach become effective beginning on January 1, 2015. As such, a significant number of the securities currently held in our investment portfolio that are highly rated by credit agencies are expected to mature or pay down over the intervening period, and we would currently anticipate replacing those securities pursuant to our reinvestment program in a manner that would seek to manage our risk appetite, our return objectives and our levels of regulatory capital. As a result of our balance sheet management efforts, all else being equal, we would anticipate being able, prior to January 1, 2015, to significantly offset the impact of application of the SSFA on our total regulatory risk-weighted assets and our regulatory risk-based capital ratios.

In addition, the qualification of trust preferred capital securities as tier 1 capital will be phased out over a two-year period beginning on January 1, 2014 and ending on January 1, 2016, and subsequently, the qualification of these securities as tier 2 capital will be phased out over multi-year transition period beginning on January 1, 2016. We had

trust preferred capital securities of \$950 million outstanding as of June 30, 2013.

There remains considerable uncertainty with respect to multiple provisions of the Basel III final rule, and the timing and manner in which they will be applied to us. In particular, the timing under which we will complete our required qualification period, as determined by the Federal Reserve, and our transition to the calculation of risk-based capital ratios that incorporate the advanced approach, remain uncertain. Models implemented under the Basel III final rule, particularly those implementing the advanced approach, remain subject to regulatory review and approval. The full effects of the Basel III final rule on State Street and State Street Bank are therefore subject to further evaluation and also to further regulatory guidance, action or rule-making. In general, we expect to be held to the most stringent of the various provisions in the Basel III final rule; however, we anticipate that we will be able to comply with the relevant Basel III regulatory capital and liquidity requirements when and as applied to us.

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## Supplementary Leverage Ratio Framework

In July 2013, U.S. banking regulators jointly issued a Notice of Proposed Rulemaking, or NPR, which proposes to enhance leverage ratio standards for the largest, most systemically significant U.S. banking organizations. The July 2013 NPR applies to any U.S. top-tier bank holding company with at least \$700 billion in consolidated total assets or at least \$10 trillion in total assets under custody, referred to as a covered bank holding company, and any insured depository institution subsidiary of such bank holding company. We expect the standards to apply to State Street and State Street Bank based on our total assets under custody.

Under Basel I, the tier 1 leverage ratio is calculated by dividing tier 1 capital by adjusted quarterly average assets. While Basel II did not incorporate a leverage ratio, the Basel III final rule provides for a leverage ratio similar to Basel I, as well as a supplementary leverage ratio for advanced approaches banking organizations. This supplementary leverage ratio adds certain off-balance sheet exposures, such as those related to derivative contracts and lending commitments, to adjusted average assets.

Under the July 2013 NPR, covered bank holding companies would be required to maintain a supplementary tier 1 leverage ratio of at least 5%, which is 2% above the minimum Basel III supplementary tier 1 leverage ratio of 3%. Failure to exceed the 5% supplementary tier 1 leverage ratio would subject covered bank holding companies to restrictions on capital distributions and discretionary bonus payments. In addition to the leverage buffer for covered bank holding companies, the NPR would require insured depository institution subsidiaries of covered bank holding companies, like State Street Bank, to maintain a 6% supplementary tier 1 leverage ratio to be considered "well capitalized." State Street is among the eight largest, most systemically significant U.S. banking organizations to which the July 2013 NPR would apply, if finalized as currently proposed. The July 2013 NPR would not apply to all banking organizations with which we compete. If finalized as currently proposed, the new supplementary tier 1 leverage ratio requirements will be effective beginning on January 1, 2018.

## Systemically Important Banks

We are designated as a large bank holding company subject to enhanced supervision and prudential standards, commonly referred to as a "systemically important financial institution," or SIFI, and we are one among a group of 28 institutions worldwide that have been identified by the Financial Stability Board, or FSB, and the Basel Committee as "global systemically important banks," or G-SIBs. Our designation as a G-SIB will require us to maintain an additional capital buffer, ranging between 1% and 2.5%, above the Basel III minimum common equity tier 1 capital ratio of 4.5%, based on a number of factors, as evaluated by banking regulators. Factors in this evaluation will include our size, interconnectedness, substitutability, complexity and cross-jurisdictional activities. In November 2012, the FSB designated us as a category 1 organization, with a capital surcharge of 1%, although this designation and the associated additional capital buffer are subject to change. U.S. banking regulators have not yet issued a proposal to implement the G-SIB capital surcharge.

We expect these additional capital requirements for G-SIBs to be phased in beginning on January 1, 2016, with full implementation by January 1, 2019. Assuming completion of the phase-in period for the capital conservation buffer, and no countercyclical buffer, the minimum capital ratios as of January 1, 2019, including the capital conservation buffer and G-SIB capital surcharge, would be 9.5% for tier 1 risk-based capital, 11.5% for total risk-based capital, and 8% for common equity tier 1 capital, in order for State Street to make capital distributions and discretionary bonus payments without limitation. Not all of our competitors have similarly been designated as systemically important, and therefore some of our competitors may not be subject to the same additional capital requirements.

## Economic Capital

We define economic capital as the capital required to protect holders of our senior debt, and obligations higher in priority, against unexpected economic losses over a one-year period at a level consistent with the solvency of a firm with our target "Aa3/AA-" senior bank debt rating. Economic capital requirements are one of several important measures used by management and the Board of Directors to assess the adequacy of our capital levels in relation to State Street's risk profile. Due to the evolving nature of quantification techniques, we expect to periodically refine the methodologies, assumptions, and information used to estimate our economic capital requirements, which could result



in a different amount of capital needed to support our business activities.

We measure returns on economic capital and economic profit (defined by us as net income available to common shareholders after deduction of State Street's cost of equity capital) by line of business. This economic profit will be used by management and the Board to gauge risk-adjusted performance over time. Accordingly, the measurement and evaluation of risk-adjusted performance have become integral parts of our internal process for allocating resources (for example, capital and information technology spending) by line of business. In addition, return on economic capital and economic profit are two of several measures used in our evaluation of the viability of a new business or product initiative and for merger-and-acquisition analysis.

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We quantify economic capital requirements for the risks inherent in our business activities and group them into categories that we broadly define for these purposes as follows:

• **Market risk:** the risk of adverse financial impact due to fluctuations in market prices, primarily as they relate to our trading activities;

• **Interest-rate risk:** the risk of loss in non-trading asset-and-liability management positions, primarily the impact of adverse movements in interest rates on the repricing mismatches that exist between the assets and liabilities carried in our consolidated statement of condition;

• **Credit risk:** the risk of loss that may result from the default or downgrade of a borrower or counterparty;

• **Operational risk:** the risk of loss from inadequate or failed internal processes and systems, human error, or from external events, which is generally consistent with the Basel II definition; and

• **Business risk:** the risk of negative earnings resulting from adverse changes in business factors, including changes in the competitive environment, changes in the operational economics of our business activities, and the effect of strategic and reputational risks.

Economic capital for each of these five categories is estimated on a stand-alone basis using scenario analysis and statistical modeling techniques applied to internally-generated and, in some cases, external information. These individual results are then aggregated at the State Street consolidated level.

**Liquidity**

The objective of liquidity management is to provide for the ability to meet our financial obligations in a timely and cost-effective manner, and maintain sufficient flexibility to fund strategic corporate initiatives as they arise. Effective management of liquidity involves assessing the potential mismatch between the future cash needs of our clients and our available sources of cash under both normal and adverse economic and business conditions. Significant uses of liquidity, described more fully below, consist primarily of funding client deposit withdrawals and outstanding commitments to extend credit or commitments to purchase securities as they are drawn upon. Liquidity is provided by the maintenance of broad access to the global capital markets and by the asset structure in our consolidated statement of condition. Additional information about our liquidity is provided under "Financial Condition - Liquidity" in Management's Discussion and Analysis included in our 2012 Form 10-K.

We generally manage our liquidity on a global basis at the State Street consolidated level. We also manage parent company liquidity, and in certain cases branch and subsidiary liquidity, separately. State Street Bank generally has broader access to funding products and markets limited to banks, specifically 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. The parent company typically holds enough cash, primarily in the form of interest-bearing deposits with its banking subsidiaries, to meet its current debt maturities and cash needs, as well as those projected over the next one-year period.

The sources of our liquidity consist of two primary areas: access to the global capital markets and liquid assets carried in our consolidated statement of condition. Our ability to source incremental funding at reasonable rates of interest from wholesale investors in the capital markets is the first source of liquidity we would access to accommodate the uses of liquidity described below. 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, State Street Bank is a member of the Federal Home Loan Bank of Boston. This membership allows for advances of liquidity in varying terms against high-quality collateral, which helps facilitate asset-and-liability management of depository institutions. No Federal Home Loan Bank advances were outstanding as of June 30, 2013 or December 31, 2012.

Each of the above-described sources of liquidity is used in our management of daily cash needs and is available in a crisis scenario should we need to accommodate potential large, unexpected demand for funds.

Significant uses of our liquidity generally result from the following: withdrawals of unsecured client deposits; draw-downs of unfunded commitments to extend credit or to purchase securities, generally provided through lines of credit; and short-duration advance facilities. Client deposits are generated largely from our investment servicing activities, and are invested in a combination of investment securities and short-duration financial instruments whose mix is determined by the characteristics of the deposits. Most of the client deposits are payable on demand or are short-term in nature, which characteristics mean that withdrawals can potentially occur quickly and in large amounts. Similarly, clients can request disbursement of funds under commitments to extend credit, or can overdraw their deposit accounts rapidly and in large volumes. In addition, a large volume of unanticipated funding requirements, such as large draw-downs of existing lines of credit, could require additional liquidity.

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Material risks to sources of short-term liquidity could include, among other things, adverse changes in the perception in the financial markets of our financial condition or our liquidity needs, and downgrades by major independent credit rating agencies of our deposits and our debt securities. Such changes in perception, or downgrades of our deposits or our debt securities, could restrict our ability to access the capital markets and could lead to withdrawals of unsecured deposits by our clients.

In managing our liquidity, from time to time we issue term wholesale certificates of deposit, or CDs, and invest those funds in short-duration financial instruments, which are carried in our consolidated statement of condition and which would be available to meet our cash needs. As of June 30, 2013, this wholesale CD portfolio totaled \$154 million, compared to \$13.56 billion as of December 31, 2012, as client deposits remained stable.

While maintenance of our high investment-grade credit rating is of primary importance to our liquidity management program, our on-balance sheet liquid assets represent significant liquidity that we can directly control, and provide a source of cash in the form of principal maturities and the ability to borrow from the capital markets using our securities as collateral. Our net liquid assets consist primarily of cash balances at central banks in excess of regulatory requirements and other short-duration liquid assets, such as interest-bearing deposits with banks, which are multi-currency instruments invested with major multi-national banks, and high-quality, marketable investment securities not already pledged, which generally are more liquid than other types of assets and can be sold or borrowed against to generate cash quickly.

As of June 30, 2013, the value of our consolidated net liquid assets, as we define them, totaled \$146.19 billion, compared to \$149.02 billion as of December 31, 2012. For the second quarter and first six months of 2013, consolidated average net liquid assets were \$116.94 billion and \$118.80 billion, respectively, compared to \$116.65 billion and \$112.52 billion for the second quarter and first six months of 2012, respectively. Due to the unusual size and volatile nature of client deposits as of quarter-end, we maintained cash balances in excess of regulatory requirements of approximately \$36.46 billion at the Federal Reserve, the ECB and other non-U.S. central banks as of June 30, 2013, compared to \$41.11 billion as of December 31, 2012. As of June 30, 2013, the value of the parent company's net liquid assets totaled \$3.37 billion, compared with \$3.80 billion as of December 31, 2012. The parent company's liquid assets consisted primarily of overnight placements with its banking subsidiaries.

Aggregate investment securities carried at \$46.97 billion as of June 30, 2013, compared to \$46.66 billion as of December 31, 2012, were designated as pledged for public and trust deposits, borrowed funds and for other purposes as provided by law, and are excluded from the liquid assets calculation, unless pledged internally between State Street affiliates. Liquid assets included securities pledged to the Federal Reserve Bank of Boston to secure State Street Bank's ability to borrow from their discount window should the need arise. This access to primary credit is an important source of back-up liquidity for State Street Bank. As of June 30, 2013, State Street Bank had no outstanding primary credit borrowings from the discount window.

Based on our level of consolidated liquid assets and our ability to access the capital markets for additional funding when necessary, including our ability to issue debt and equity securities under our current universal shelf registration, management considers State Street's overall liquidity as of June 30, 2013 to be sufficient to meet its current commitments and business needs, including accommodating the transaction and cash management needs of its clients. We maintain an effective universal shelf registration that allows for the public offering and sale of debt securities, capital securities, common stock, depository shares and preferred stock, and warrants to purchase such securities, including any shares into which the preferred stock and depository shares may be convertible, or any combination thereof. In May 2013, we issued an aggregate of \$1.5 billion of long-term debt, composed of \$500 million of 1.35% senior notes due May 15, 2018 and \$1.0 billion of 3.1% subordinated notes due May 15, 2023. Additional information about this issuance is provided in note 7 to the consolidated financial statements included in this Form 10-Q. We have issued in the past, and we may issue in the future, securities pursuant to our shelf registration. The issuance of debt or equity securities will depend on future market conditions, funding needs and other factors.

We currently maintain a corporate commercial paper program, under which we are able to issue up to \$3 billion of commercial paper with original maturities of up to 270 days from the date of issuance. As of June 30, 2013, we had

\$1.26 billion of commercial paper outstanding under this corporate program, compared to \$2.32 billion as of December 31, 2012.

As of June 30, 2013, State Street Bank had Board authority to issue unsecured senior debt securities from time to time, provided that the aggregate principal amount of such unsecured senior debt outstanding at any one time does not exceed \$5 billion. As of the same date, \$4 billion was available for issuance pursuant to this authority. As of June 30, 2013, State Street Bank had Board authority to issue up to \$1.5 billion of subordinated debt. As of the same date, \$500 million was available for issuance pursuant to this authority.

State Street Bank currently maintains a line of credit with a financial institution of CAD \$800 million, or approximately \$758 million as of June 30, 2013, to support its Canadian securities processing operations. The line of credit has no stated

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termination date and is cancelable by either party with prior notice. As of June 30, 2013, no balance was outstanding on this line of credit.

**Risk Management**

The global scope of our business activities requires that we balance what we perceive to be the primary risks in our businesses with a comprehensive and well-integrated risk management function. The identification, assessment, monitoring, mitigation and reporting of risks are essential to the financial performance and successful management of our businesses. These risks, if not effectively managed, can result in current losses to State Street as well as erosion of our capital and damage to our reputation. Our systematic approach allows for an assessment of risks within a framework for evaluating opportunities for the prudent use of capital that appropriately balances risk and return.

We have a disciplined approach to risk that involves all levels of management. The Board of Directors, through its Risk and Capital Committee, provides oversight and review of our overall risk management programs, including the approval of key risk management policies and the periodic review of State Street's "Risk Appetite Statement," which is an integral part of our overall Internal Capital Adequacy Assessment Process, or ICAAP. The Risk Appetite Statement outlines the quantitative limits and qualitative goals that define and constrain our risk appetite and defines responsibilities for measuring and monitoring risk against limits, which are reported regularly to the Board. In addition, State Street utilizes a variety of key risk indicators to monitor risk on a more granular level. ERM, a corporate group, provides risk oversight, support and coordination to allow for 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 enterprise-wide risk management policies and guidelines. In addition, ERM establishes and reviews approved limits and, in collaboration with business unit management, monitors key risks. The Chief Risk Officer, or CRO, manages ERM and reports to both the Chief Executive Officer and the Board's Risk and Capital Committee.

The execution of duties with respect to the management of people, products, business operations and processes is the responsibility of business unit managers. The function of risk management is designing and directing the implementation of risk management programs and processes consistent with corporate and regulatory standards, and providing oversight of the business-owned risks. Accordingly, risk management is a shared responsibility between ERM and the business units, and requires joint efforts in goal setting, program design and implementation, resource management, and performance evaluation between business and functional units. In addition, Corporate Audit separately assesses the effectiveness of business units and risk management in the execution of their responsibilities.

Responsibility for risk management is overseen by a series of management committees, as well as the Board's Risk and Capital Committee. The Management Risk and Capital Committee, or MRAC, co-chaired by our CRO and Chief Financial Officer, is the senior management decision-making body for risk and capital issues, and is responsible for aligning State Street's strategy, budget, risk appetite and capital adequacy. Our Asset, Liability and Capital Committee, or ALCCO, chaired by our Treasurer, oversees the management of our consolidated statement of condition, the management of our global liquidity and interest-rate risk positions, our regulatory and economic capital, the determination of the framework for capital allocation and strategies for capital structure, and debt and equity issuances.

State Street's risk management program is supported by the activities of a number of corporate risk oversight committees, chaired by senior executives in ERM. Our Fiduciary Review Committee reviews and assesses the risk management programs of those units in which State Street serves in a fiduciary capacity. Our Credit Risk and Policy Committee is responsible for cross-business unit review and oversight of credit and counterparty risk, as well as the review, recommendation and approval of material policies, procedures and guidelines governing the identification, measurement, analysis and control of material credit risk across State Street. Our Country Risk Committee oversees the identification, assessment, monitoring, reporting and mitigation, where necessary, of country risks. Our Operational Risk Committee provides cross-business oversight of operational risk to identify, measure, manage and control operational risk consistently across State Street. Our Model Assessment Committee provides support and input concerning technical modeling issues and validates financial models utilized by our business units.

While we believe that our risk management program is effective in managing the risks in our businesses, external factors may create risks that cannot always be identified or anticipated.

**Market Risk**

Market risk is defined by U.S. banking regulators 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. State Street is exposed to market risk in both its trading and certain of its non-trading, or asset-and-liability management, activities. The market risk management processes related to these activities, discussed in further detail below, apply to both on- and off-balance sheet exposures.

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In the conduct of our trading and investment activities, we assume market risk. The level of market risk that we assume 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. Market risk associated with our trading activities is discussed below under "Trading Activities." Market risk associated with our non-trading activities, which consists primarily of interest-rate risk, is discussed under "Asset-and-Liability Management Activities."

Trading Activities

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 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 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 also 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 June 30, 2013, the aggregate notional amount of these derivative contracts was \$1.19 trillion, of which \$1.18 trillion was composed of foreign exchange forward, swap and spot contracts. In the aggregate, we seek to match positions closely with the objective of minimizing related currency and interest-rate risk. All foreign exchange contracts are valued daily at current market rates. Additional information about derivative instruments entered into in connection with our trading activities is provided in note 11 to the consolidated financial statements included in this Form 10-Q.

Governance

Our assumption of market risk in our trading activities is an integral part of our corporate risk appetite. 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, or TMRC, is a management committee that oversees all market risk-taking activities across State Street associated with trading. The TMRC, which reports to the MRAC, is composed of members of ERM, our Global Markets business, our Global Treasury group, our senior executives who manage our trading businesses, and other members of management who possess specialized knowledge and expertise. Under authority delegated by the MRAC, the TMRC is responsible for the formulation of guidelines, strategies and work flows with respect to the measurement, monitoring and control of our trading market risk, and also approves market risk tolerance limits and dealing authorities. The TMRC meets regularly to monitor the management of our trading market risk activities.

Our business units identify, actively 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 market risk management group also establishes and approves market risk tolerance limits and dealing authorities based on, but not limited to, notional amount measures,



sensitivity measures, VaR measures and stress measures. Such limits and authorities are specified in our trading and market risk guidelines which govern our management of trading market risk.

Corporate Audit separately assesses the design and operating effectiveness of the market risk controls within our business units and ERM. Other related responsibilities of Corporate Audit include the periodic review of compliance, by ERM and the business units, with market risk policies, guidelines, and corporate standards, as well as relevant regulatory requirements. We are subject to regular monitoring, reviews and supervisory exams of our market risk function by the Federal Reserve. In addition, we are regulated by the SEC, the Financial Industry Regulatory Authority and the U.S. Commodities Futures Trading Commission.

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
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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 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 components:

- A trading market risk management process led by ERM, separate from the business units' discrete activities;
- Clearly 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 and scenario analysis to support the 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.

State Street uses its ICAAP to assess its overall capital and liquidity in relation to its 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 and economic capital are based primarily on our internal VaR models and stress-testing analysis. As discussed in detail under "Value-at-Risk" below, VaR is measured daily by ERM.

The TRMC 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 serve to prevent any 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 Risk and Capital Committee of the Board.

Covered Positions

Our trading positions are subject to regulatory market risk capital requirements if they meet the regulatory definition of a "covered position." The identification of covered positions for inclusion in our market risk capital framework is governed by our covered positions policy. This policy outlines the standards we use to determine whether a trading position is a covered position.

Our covered positions consist primarily of those arising from the trading portfolios held by our Global Markets business. These trading portfolios include products such as spot foreign exchange, foreign exchange forwards, non-deliverable forwards, foreign exchange options, foreign exchange funding swaps, currency futures, financial futures, and interest rate futures. Covered positions also arise from certain portfolios held by our Global Treasury group. Any 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 covered positions policy. This documented analysis, including any decisions with respect to market risk treatments, must receive approval from the TMRC.

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 independent 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

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(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, Stress Testing and Stressed VaR**

As noted above, 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 VaR daily. We have adopted standards for measuring VaR, and we maintain regulatory capital for market risk in accordance with currently applicable bank regulatory market risk guidelines.

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 effective beginning on January 1, 2013. 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 a one-tail, 99% confidence interval and a ten-business day holding period, using a historical observation period of two years. We also use the same platform to calculate a one-tail, 99% confidence interval, one-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**

VaR measures are based on 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. These instruments tend to exhibit a high 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 around 5,000 risk factors and captures correlations among currency, interest rates, and other market rates.

All VaR measures are subject to limitations and must be interpreted accordingly. Some 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, and temporary increases in market volatility will affect the calculation of VaR for a longer period; however, a two-year VaR would also not reflect all past periods of volatility in the markets, because such past volatility is no longer in the observation period;

- 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;

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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

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## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

Intra-day risk is not captured.

**Stress Testing and Stressed VaR**

We have an enterprise-wide stress-testing program in place that incorporates an array of 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, 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).

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 continuous twelve-month period that reflects a period of significant financial stress. For each portfolio, the stress period is determined algorithmically by seeking the one-year time horizon that produces the largest ten-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 automatically incorporated. The results capture extreme movements that are rare occurrences in any typical two-year period. The sixty-day moving average of our stressed VaR measure was approximately \$19 million during the twelve months ended June 30, 2013.

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 U.S., 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, 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.

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.

**Validation and Back-Testing**

We perform daily 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 actual profit-and-loss, or P&L, outcomes observed from daily market movements. We back-test our VaR model using "clean" P&L, which excludes non-trading revenue such as fees, commissions and net interest revenue, as well as estimated revenue from intra-day trading. Back-testing is also performed at the sub-portfolio level to identify products or risk components that may lead to potential exceptions.

Our market risk models are subject to regular review and validation by our model validation group within ERM and overseen by our Model Assessment Committee. The Model Assessment Committee, chaired by a senior executive in ERM, was established for the purpose of providing recommendations on technical modeling issues to the corporate

oversight committees. The Model Assessment Committee includes members with expertise in modeling methodologies and has representation from the various business units throughout State Street. As part of its responsibilities, the Model Assessment Committee considers technical modeling issues for our market risk models, including the selection of an appropriate modeling approach, the setting of key model input assumptions, the deployment of substantive model changes, the deployment of new models as needed, and the monitoring of ongoing model performance.

Our market risk models are governed by our model risk governance guidelines, in accordance with our model risk governance policy, which outline the standards we use to assess the conceptual soundness and effectiveness of our models. Consistent with regulatory requirements, our market risk regulatory capital model is subject to an annual review process. The

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## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

process identifies the areas of model risk for the three model components: input, processing and output. The model testing is concentrated in the areas of model risk identified by the Model Validation Group. The results of this annual review are communicated to the Model Assessment Committee, which then assigns "Pass," "Pass with Reservations," "Recommend a Full Scope Review," or "Fail" to the outcome.

Our model validation process also evaluates the integrity of our VaR models through the use of regular outcome analysis. Such outcome analysis includes back-testing, which compares the VaR model's predictions to actual outcomes using out-of-sample information. The Model Validation Group examined back-testing results for the market risk regulatory capital model used for 2012. Consistent with regulatory guidance, the back-testing compared "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.

**Market Risk Reporting**

Our ERM market risk function 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.

Our business units and trading market risk teams review daily P&L, market risk limit exceptions, open positions, interest-rate and option sensitivities and VaR reports on a daily basis. Market risk limit exceptions are also reported to and reviewed by the global head of Market Risk. We produce and review several other reports that summarize relevant market risk metrics, including VaR, on a periodic basis.

The following tables present VaR associated with our trading activities for covered positions held during the first six months of 2013 and as of June 30, 2013 and March 31, 2013, as measured by our VaR methodology. Comparative information for 2012 is not presented, as we did not measure VaR for those periods under the regulatory requirements effective beginning on January 1, 2013.

VaR - COVERED PORTFOLIOS (TEN-DAY VaR)	Six Months Ended June 30, 2013			As of June 30, 2013	As of March 31, 2013
	Average	Maximum	Minimum	VaR	VaR
(In thousands)					
Foreign exchange	\$6,972	\$22,835	\$1,626	\$5,696	\$9,283
Money market/Global Treasury	112	559	24	53	365
Total VaR	\$6,917	\$22,834	\$1,641	\$5,657	\$9,017

STRESSED VaR - COVERED PORTFOLIOS (TEN-DAY VaR)	Six Months Ended June 30, 2013			As of June 30, 2013	As of March 31, 2013
	Average	Maximum	Minimum	VaR	VaR
(In thousands)					
Foreign exchange	\$18,196	\$43,984	\$4,933	\$15,275	\$26,141
Money market/Global Treasury	251	971	56	186	900
Total Stressed VaR	\$18,065	\$43,765	\$4,889	\$15,157	\$25,673

The decline in the VaR and stressed-VaR measures for foreign exchange as of June 30, 2013 compared to March 31, 2013 resulted from a higher level of diversification of exposure within our portfolio of covered positions in the second quarter of 2013.

The VaR measures presented above are primarily a reflection of the overall level of market volatility and State Street's appetite for trading market risk. Overall levels of volatility have been low both on an absolute basis and relative to the historical information observed at the beginning of the period used for calculations.

The ten-day VaR measures are based on historical changes observed during rolling ten-day periods over the past two years, a period that includes the volatility experienced during the market disruption caused by the Standard & Poor's downgrades of U.S. Treasury debt in August 2011. The stressed-VaR measures are based on information observed during rolling ten-day periods over a single year of significant stress for our current portfolio. This period encompassed the 2008 financial crisis.



The measures presented above illustrate the magnitude of the volatility experienced during the above-described periods, which still influenced the measurements recorded for the ten-day VaR and stressed VaR for State Street's exposure profile during the most recent financial reporting period. State Street's risk appetite was low compared to nearly all risk metrics in force during the most recent reporting period, particularly when compared to a one-day VaR.

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The following table presents VaR associated with our trading activities attributable to foreign exchange rates, interest rates and volatility as of June 30, 2013 and March 31, 2013. The totals of the VaR amounts attributable to foreign exchange rates, interest rates and volatility for each VaR component exceeded the component VaR measures presented in the foregoing table as of each period-end, primarily due to the benefits of diversification across risk types. Comparative information for 2012 is not presented, as we did not measure VaR under the regulatory requirements effective beginning on January 1, 2013.

VaR - COVERED PORTFOLIOS  
(TEN-DAY VaR)

(In thousands)	As of June 30, 2013			As of March 31, 2013		
	Foreign Exchange	Interest Rate	Volatility	Foreign Exchange	Interest Rate	Volatility
By component:						
Foreign exchange/Global Markets	\$5,531	\$1,808	\$650	\$9,543	\$2,265	\$492
Money market/Global Treasury	50	33	—	376	33	—
Total VaR	\$5,483	\$1,808	\$650	\$9,288	\$2,263	\$492

## Asset-and-Liability Management Activities

The primary objective of asset-and-liability management is to provide sustainable and growing net interest revenue, or NIR, under varying economic environments, while protecting the economic value of the assets and liabilities carried in our consolidated statement of condition from the adverse effects of changes in interest rates. While many market factors affect the level of NIR 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 NIR is earned from the investment of client deposits generated by our businesses. We invest these client deposits in assets that conform generally to the characteristics of our balance sheet liabilities, including the currency composition of our significant non-U.S. dollar denominated client liabilities, but we manage our overall interest-rate risk position in the context of current and anticipated market conditions and within internally-approved risk guidelines.

Our overall interest-rate risk position is maintained within a series of policies approved by the Board of Directors and guidelines established and monitored by ALCCO. Our Global Treasury group has responsibility for managing State Street's day-to-day interest-rate risk. To effectively manage our consolidated statement of condition and related NIR, Global Treasury has the authority to assume a limited amount of interest-rate risk based on market conditions and its views about the direction of global interest rates over both short-term and long-term time horizons. Global Treasury manages our exposure to changes in interest rates on a consolidated basis organized into three regional treasury units, North America, Europe and Asia/Pacific, to reflect the growing, global nature of our exposures and to capture the impact of change in regional market environments on our total risk position.

The economic value of our consolidated statement of condition is a metric designed to best estimate the fair value of assets and liabilities which could be garnered if those assets and liabilities were sold today. The economic values represent discounted cash flows from all financial instruments; therefore, changes in the yield curves, which are used to discount the cash flows, affect the values of these instruments. Additional information about our measurement of fair value is provided in note 2 to the consolidated financial statements included in this Form 10-Q.

Our investment activities and our use of derivative financial instruments are the primary tools used in managing interest-rate risk. We invest in financial instruments with currency, repricing, and maturity characteristics we consider appropriate to manage our overall interest-rate risk position. In addition, we use certain derivative instruments, primarily interest-rate swaps, to alter the interest-rate characteristics of specific balance sheet assets or liabilities. Our use of derivatives is subject to guidelines approved by ALCCO, within which we seek to manage. Additional information about our use of derivatives is provided in note 11 to the consolidated financial statements included in this Form 10-Q.

Because no one individual measure can accurately assess all of our exposures to changes in interest rates, we use several quantitative measures in our assessment of current and potential future exposures to changes in interest rates and their impact on NIR and balance sheet values. NIR simulation is the primary tool used in our evaluation of the

potential range of possible NIR results that could occur under a variety of interest-rate environments. We also use market valuation and duration analysis to assess changes in the economic value of balance sheet assets and liabilities caused by assumed changes in interest rates.

To measure, monitor, and report on our interest-rate risk position, we use NIR simulation, or NIR-at-risk, and economic value of equity, or EVE, sensitivity. NIR-at-risk measures the impact on NIR over the next twelve months to immediate, or “rate shock,” and gradual, or “rate ramp,” changes in market interest rates. EVE sensitivity is a total return view of interest-rate risk, which measures the impact on the present value of all NIR-related principal and interest cash flows of an immediate change in interest rates, and is generally used in the context of economic capital discussed under “Economic Capital” in “Financial Condition - Capital” in this Management's Discussion and Analysis. Although NIR-at-risk and EVE sensitivity measure interest-rate risk over different time horizons, both utilize consistent assumptions when modeling the positions

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currently held by State Street; however, NIR-at-risk also incorporates future actions planned by management over the time horizons being modeled.

In calculating our NIR-at-risk, we start with a base amount of NIR that is projected over the next twelve months, assuming our forecasted yield curve over the period. Our existing balance sheet assets and liabilities are adjusted by the amount and timing of transactions that are forecasted to occur over the next twelve months. That yield curve is then "shocked," or moved immediately,  $\pm 100$  basis points in a parallel fashion, or at all points along the yield curve. Two new twelve-month NIR projections are then developed using the same balance sheet and forecasted transactions, but with the new yield curves, and compared to the base scenario. We also perform the calculations using interest rate ramps, which are  $\pm 100$ -basis-point changes in interest rates that are assumed to occur gradually over the next twelve months, rather than immediately as we do with interest-rate shocks.

EVE is based on the change in the present value of all NIR-related principal and interest cash flows for changes in market rates of interest. The present value of existing cash flows with a then-current yield curve serves as the base case. We then apply an immediate parallel shock to that yield curve of  $\pm 200$  basis points and recalculate the cash flows and related present values. A large shock is used to better capture the embedded option risk in our mortgage-backed securities that results from borrowers' prepayment opportunities.

Key assumptions used in the models, described in more detail below, along with changes in market conditions, are inherently uncertain. Actual results necessarily differ from model results as market conditions differ from assumptions. As such, management performs back-testing, stress testing, and model integrity analyses to validate that the modeled results produce predictive NIR-at-risk and EVE sensitivity estimates which can be used in the management of interest-rate risk. Primary factors affecting the actual results are changes in balance sheet size and mix; the timing, magnitude and frequency of changes in interest rates, including the slope and the relationship between the interest-rate level of U.S. dollar and non-U.S. dollar yield curves; changes in market conditions; and management actions taken in response to the preceding conditions.

Both NIR-at-risk and EVE sensitivity results are managed against ALCCO-approved limits and guidelines and are monitored regularly, along with other relevant simulations, scenario analyses and stress tests, by both Global Treasury and ALCCO. Our ALCCO-approved guidelines are, we believe, in line with industry standards and are periodically examined by the Federal Reserve.

Based on our current balance sheet composition where fixed-rate assets exceed fixed-rate liabilities, reported results of NIR-at-risk could depict an increase in NIR from a rate increase while EVE presents a loss. A change in this balance sheet profile may result in different outcomes under both NIR-at-risk and EVE. NIR-at-risk depicts the change in the nominal (undiscounted) dollar net interest flows which are generated from the forecasted statement of condition over the next twelve months. As interest rates increase, the interest expense associated with our client deposit liabilities is assumed to increase at a slower pace than the investment returns derived from our current balance sheet or the associated reinvestment of our interest-earning assets, resulting in an overall increase to NIR. EVE, on the other hand, measures the present value change of both principal and interest cash flows based on the current period-end balance sheet. As a result, EVE does not contemplate reinvestment of our assets associated with a change in the interest-rate environment.

Although NIR in both NIR-at-risk and EVE sensitivity is higher in response to increased interest rates, the future principal flows from fixed-rate investments are discounted at higher rates for EVE, which results in lower asset values and a corresponding reduction or loss in EVE. As noted above, NIR-at-risk does not analyze changes in the value of principal cash flows and therefore does not experience the same reduction experienced by EVE sensitivity associated with discounting principal cash flows at higher rates.

**NET INTEREST REVENUE AT RISK**

NIR-at-risk is designed to measure the potential impact of changes in global market interest rates on NIR in the short term. The impact of changes in market rates on NIR is measured against a baseline NIR which encompasses management's expectations regarding the evolving balance sheet volumes and interest rates in the near-term. The goal is to achieve an acceptable level of NIR under various interest-rate environments. Assumptions regarding levels of

client deposits and our ability to price these deposits under various rate environments have a significant impact on the results of the NIR simulations. Similarly, the timing of cash flows from our investment portfolio, especially option-embedded financial instruments like mortgage-backed securities, and our ability to replace these cash flows in line with management's expectations, can affect the results of NIR simulations.

The following table presents the estimated exposure of NIR for the next twelve months, calculated as of the dates indicated, due to an immediate  $\pm 100$ -basis-point shift to our internal forecast of global interest rates. Estimated incremental exposures presented below are dependent on management's assumptions, and do not reflect any additional actions management may undertake in order to mitigate some of the adverse effects of changes in interest rates on State Street's financial performance.

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(In millions)	Estimated Exposure to Net Interest Revenue	
	June 30, 2013	December 31, 2012
Rate change:		
+100 bps shock	\$260	\$156
-100 bps shock	(191	) (200
+100 bps ramp	100	39
-100 bps ramp	(102	) (96

As of June 30, 2013, NIR sensitivity to an upward-100-basis-point shock in global market rates was higher compared to December 31, 2012, due to a higher level of forecasted client deposits. The benefit to NIR for an upward-100-basis-point ramp is less significant than a shock, since market rates are assumed to increase gradually. A downward-100-basis-point shock in global market rates places pressure on NIR, as deposit rates reach their implicit floors due to the exceptionally low global interest-rate environment, and provide little funding relief on the liability side, while assets reset into the lower-rate environment. NIR sensitivity to a downward-100-basis-point shock in market rates as of June 30, 2013 was similar to December 31, 2012, as higher levels of forecasted noninterest-bearing deposits, which improve base NIR, provide no relief as rates fall.

Other important factors which affect the levels of NIR are the size and mix of assets carried in our consolidated statement of condition; interest-rate spreads; the slope and interest-rate level of U.S. and non-U.S. dollar yield curves and the relationship between them; the pace of change in global market interest rates; and management actions taken in response to the preceding conditions.

**ECONOMIC VALUE OF EQUITY**

EVE sensitivity measures changes in the market value of equity to quantify potential losses to shareholders due to an immediate  $\pm 200$ -basis-point rate shock compared to current interest-rate levels if the balance sheet were liquidated immediately. Management compares the change in EVE sensitivity against State Street's aggregate tier 1 and tier 2 risk-based capital, to evaluate whether the magnitude of the exposure to interest rates is acceptable. Generally, a change resulting from a  $\pm 200$ -basis-point rate shock that is less than 20% of aggregate tier 1 and tier 2 capital is an exposure that management deems acceptable. To the extent that we manage changes in EVE sensitivity within the 20% threshold, we would seek to take action to remain below the threshold if the magnitude of our exposure to interest rates approached that limit.

Similar to NIR-at-risk measures, the timing of cash flows affects EVE sensitivity, as changes in asset and liability values under different rate scenarios are dependent on when interest and principal payments are received. In contrast to NIR simulations, however, EVE sensitivity does not incorporate assumptions regarding reinvestment of these cash flows. In addition, our ability to price client deposits has a much smaller impact on EVE sensitivity, as EVE sensitivity does not consider the ongoing benefit of investing client deposits.

The following table presents estimated EVE exposures, calculated as of the dates indicated, assuming an immediate and prolonged shift in global interest rates, the impact of which would be spread over a number of years.

(Dollars in millions)	Estimated Sensitivity of Economic Value of Equity			
	June 30, 2013		December 31, 2012	
	Exposure	% of Tier 1/Tier 2 Capital	Exposure	% of Tier 1/Tier 2 Capital
Rate change:				
+200 bps shock	\$(2,334	) (14.8	)% \$(2,542	) (17.0
-200 bps shock	906	5.7	41	0.3

Exposure to upward- and downward-200-basis-point shocks as of June 30, 2013 improved compared to December 31, 2012. Sales of mortgage-backed securities in the second quarter of 2013 and higher long-term interest rates reduced the potential impact of mortgage prepayments on EVE sensitivity.

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)

Credit and Counterparty Risk

Credit and counterparty risk is defined as the risk of financial loss if a borrower or counterparty is either unable or unwilling to repay borrowings or settle a transaction in accordance with underlying contractual terms. We assume credit and counterparty risk for both our on- and off-balance sheet exposures. The extension of credit and the acceptance of counterparty risk by State Street are governed by corporate guidelines based on each counterparty's risk profile, the markets served, counterparty and country concentrations, and regulatory compliance. Our focus on large institutional investors and their businesses requires that we assume concentrated credit risk for a variety of products and durations. We maintain guidelines and procedures to monitor and manage all aspects of credit and counterparty risk that we undertake.

We use an internal rating system to assess our risk of credit loss. State Street's risk-rating process incorporates the use of risk-rating tools in conjunction with management judgment. Qualitative and quantitative inputs are captured in a transparent and replicable manner; following a formal review and approval process, an internal credit rating based on our credit scale is assigned. We evaluate and risk-rate the credit of our counterparties on an individual basis at least annually. Significant exposures are reviewed daily by ERM. Processes for credit approval and monitoring are in place for all extensions of credit. As part of the approval and renewal process, due diligence is conducted based on the size and term of the exposure, as well as the creditworthiness of the counterparty. At any point in time, having one or more counterparties to which our exposure exceeds 10% of our consolidated total shareholders' equity, exclusive of unrealized gains or losses, is not unusual.

We provide, on a selective basis, traditional loan products and services to key clients in a manner that is intended to enhance client relationships, increase profitability and manage risk. We employ a relationship model in which credit decisions are based on credit quality and the overall institutional relationship.

An allowance for loan losses is maintained to absorb estimated incurred credit losses in our loan-and-lease portfolio as of the balance sheet date. This allowance is evaluated on a regular basis by management. The provision for loan losses is a charge to current earnings to maintain the overall allowance for loan losses at a level considered appropriate to absorb estimated incurred credit losses in the loan-and-lease portfolio.

We also assume other types of credit exposure with our clients and counterparties. We purchase securities under reverse repurchase agreements, which are agreements to resell. Most repurchase agreements are short-term, with maturities of less than 90 days. Risk is managed through a variety of processes, including establishing the acceptability of counterparties; limiting purchases primarily to low-risk U.S. government securities; taking possession or control of pledged assets; monitoring levels of underlying collateral; and limiting the duration of the agreements. Securities are revalued daily to determine if additional collateral is required from the borrower.

We also provide our clients with off-balance sheet liquidity and credit-enhancement facilities in the form of letters and lines of credit and standby bond-purchase agreements. These exposures are subject to an initial credit analysis, with detailed approval and review processes. These facilities are also actively monitored and reviewed annually. We maintain a separate reserve for estimated probable credit losses related to certain of these off-balance sheet facilities as of the balance sheet date, which is recorded in accrued expenses and other liabilities in our consolidated statement of condition. This reserve is evaluated on a regular basis by management. Provisions to maintain the reserve at a level considered appropriate to absorb estimated probable credit losses in outstanding facilities are charged to other expenses in our consolidated statement of income.

Investments in debt and equity securities, including investments in affiliates, are monitored regularly by Corporate Finance and ERM. Procedures are in place for assessing impaired securities, as described in note 3 to the consolidated financial statements included in this Form 10-Q.

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 \$319.41 billion as of June 30, 2013, compared to \$302.34 billion as of December 31, 2012. We require the borrowers to provide collateral in an amount equal to or in excess of 100% of the fair market value of the securities borrowed. State Street holds the collateral received in connection with its securities lending services as agent, and these holdings are not recorded in its consolidated statement of condition. The securities on loan and the collateral are revalued daily to determine if additional collateral is necessary. We held, as agent, cash and securities totaling \$330.68 billion and \$312.22 billion as collateral for indemnified securities on loan as of June 30, 2013 and December 31, 2012, respectively.

The collateral held by us as agent is invested on behalf of our clients. In certain cases, the 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 equal to or in excess of 100% of the

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)

amount of the repurchase agreement. In our role as agent, the indemnified repurchase agreements and the related collateral held are not recorded in our consolidated statement of condition. Of the collateral of \$330.68 billion as of June 30, 2013 and \$312.22 billion as of December 31, 2012 referenced above, \$85.40 billion as of June 30, 2013 and \$80.22 billion as of December 31, 2012 was invested in indemnified repurchase agreements. We or our agents held \$90.70 billion and \$85.41 billion as collateral for indemnified investments in repurchase agreements as of June 30, 2013 and December 31, 2012, respectively.

Additional information about our securities finance activities and other off-balance sheet arrangements is provided in notes 8 and 11 to the consolidated financial statements included in this Form 10-Q.

RECENT ACCOUNTING DEVELOPMENTS

Information with respect to recent accounting developments is provided in note 1 to the consolidated financial statements included in this Form 10-Q.

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**QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

The information provided under “Financial Condition - Risk Management - Market Risk” in Management’s Discussion and Analysis, included in this Form 10-Q, is incorporated by reference herein.

**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 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 quarter ended June 30, 2013, State Street’s management carried out an evaluation, with the participation of its 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 June 30, 2013.

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 accordance with U.S. generally accepted accounting principles. 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 June 30, 2013, no changes occurred in State Street’s internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, State Street’s internal control over financial reporting.

STATE STREET CORPORATION  
CONSOLIDATED STATEMENT OF INCOME  
(UNAUDITED)

(Dollars in millions, except per share amounts)	Three Months Ended		Six Months Ended	
	June 30, 2013	2012	June 30, 2013	2012
Fee revenue:				
Servicing fees	\$1,201	\$1,086	\$2,376	\$2,164
Management fees	277	246	540	482
Trading services	296	255	577	535
Securities finance	131	143	209	240
Processing fees and other	66	48	126	142
Total fee revenue	1,971	1,778	3,828	3,563
Net interest revenue:				
Interest revenue	700	786	1,387	1,551
Interest expense	104	114	215	254
Net interest revenue	596	672	1,172	1,297
Gains (losses) related to investment securities, net:				
Net gains (losses) from sales of available-for-sale securities	—	(14 )	5	5
Losses from other-than-temporary impairment	—	(21 )	—	(46 )
Losses reclassified (from) to other comprehensive income	(7 )	8	(10 )	25
Gains (losses) related to investment securities, net	(7 )	(27 )	(5 )	(16 )
Total revenue	2,560	2,423	4,995	4,844
Provision for loan losses	—	(1 )	—	(1 )
Expenses:				
Compensation and employee benefits	917	942	1,952	2,006
Information systems and communications	235	208	472	399
Transaction processing services	186	172	366	353
Occupancy	114	115	230	234
Acquisition and restructuring costs	30	37	44	58
Professional services	103	96	182	177
Amortization of other intangible assets	54	48	107	99
Other	159	154	271	281
Total expenses	1,798	1,772	3,624	3,607
Income before income tax expense	762	652	1,371	1,238
Income tax expense	183	162	328	321
Net income	\$579	\$490	\$1,043	\$917
Net income available to common shareholders	\$571	\$480	\$1,026	\$897
Earnings per common share:				
Basic	\$1.26	\$1.00	\$2.26	\$1.86
Diluted	1.24	.98	2.22	1.83
Average common shares outstanding (in thousands):				
Basic	452,176	481,404	453,240	483,165
Diluted	461,040	488,518	461,630	489,145
Cash dividends declared per common share	\$.26	\$.24	\$.52	\$.48

The accompanying condensed notes are an integral part of these consolidated financial statements.

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STATE STREET CORPORATION  
CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME  
(UNAUDITED)

(In millions)	Three Months Ended June 30,	
	2013	2012
Net income	\$579	\$490
Other comprehensive income (loss), net of related taxes:		
Foreign currency translation, net of related taxes of \$(29) and \$(15), respectively	(55 )	(299 )
Change in net unrealized losses on available-for-sale securities, net of reclassification adjustment and net of related taxes of \$(507) and \$42, respectively	(804 )	75
Change in net unrealized losses on available-for-sale securities designated in fair value hedges, net of related taxes of \$31 and \$(11), respectively	45	(17 )
Other-than-temporary impairment on held-to-maturity securities related to factors other than credit, net of related taxes of \$3	5	—
Change in net unrealized losses on cash flow hedges, net of related taxes of \$18 and zero, respectively	30	3
Change in unrealized losses on retirement plans, net of related taxes of \$4	5	—
Other comprehensive income (loss)	(774 )	(238 )
Total comprehensive income (loss)	\$ (195 )	\$252

(In millions)	Six Months Ended June 30,	
	2013	2012
Net income	\$1,043	\$917
Other comprehensive income (loss), net of related taxes:		
Foreign currency translation, net of related taxes of \$(93) and \$34, respectively	(303 )	(153 )
Change in net unrealized losses on available-for-sale securities, net of reclassification adjustment and net of related taxes of \$(478) and \$145, respectively	(753 )	251
Change in net unrealized gains on available-for-sale securities designated in fair value hedges, net of related taxes of \$40 and \$10, respectively	60	15
Other-than-temporary impairment on held-to-maturity securities related to factors other than credit, net of related taxes of \$7 and \$1, respectively	11	3
Change in net unrealized losses on cash flow hedges, net of related taxes of \$59 and \$1, respectively	94	4
Change in unrealized losses on retirement plans, net of related taxes of \$6 and \$1, respectively	8	2
Other comprehensive income (loss)	(883 )	122
Total comprehensive income	\$160	\$1,039

The accompanying condensed notes are an integral part of these consolidated financial statements.

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STATE STREET CORPORATION  
CONSOLIDATED STATEMENT OF CONDITION

	June 30, 2013	December 31, 2012
	(Unaudited)	
(Dollars in millions, except per share amounts)		
Assets:		
Cash and due from banks	\$5,479	\$ 2,590
Interest-bearing deposits with banks	44,783	50,763
Securities purchased under resale agreements	5,569	5,016
Trading account assets	653	637
Investment securities available for sale	100,180	109,682
Investment securities held to maturity (fair value of \$15,382 and \$11,661)	15,468	11,379
Loans and leases (less allowance for losses of \$22 and \$22)	16,409	12,285
Premises and equipment (net of accumulated depreciation of \$4,199 and \$4,037)	1,772	1,728
Accrued income receivable	2,055	1,970
Goodwill	5,924	5,977
Other intangible assets	2,406	2,539
Other assets	26,602	18,016
Total assets	\$227,300	\$ 222,582
Liabilities:		
Deposits:		
Noninterest-bearing	\$49,922	\$ 44,445
Interest-bearing—U.S.	7,684	19,201
Interest-bearing—non-U.S.	108,914	100,535
Total deposits	166,520	164,181
Securities sold under repurchase agreements	9,154	8,006
Federal funds purchased	98	399
Other short-term borrowings	3,277	4,502
Accrued expenses and other liabilities	19,329	17,196
Long-term debt	8,841	7,429
Total liabilities	207,219	201,713
Commitments, guarantees and contingencies (note 8)		
Shareholders' equity:		
Preferred stock, no par, 3,500,000 shares authorized:		
Series C, 5,000 shares issued and outstanding	490	489
Common stock, \$1 par, 750,000,000 shares authorized:		
503,890,772 and 503,900,268 shares issued	504	504
Surplus	9,713	9,667
Retained earnings	12,545	11,751
Accumulated other comprehensive income (loss)	(523	) 360
Treasury stock, at cost (55,495,952 and 45,238,208 shares)	(2,648	) (1,902 )
Total shareholders' equity	20,081	20,869
Total liabilities and shareholders' equity	\$227,300	\$ 222,582

The accompanying condensed notes are an integral part of these consolidated financial statements.





STATE STREET CORPORATION  
CONSOLIDATED STATEMENT OF CHANGES IN SHAREHOLDER'S EQUITY  
(UNAUDITED)

(Dollars in millions, except per share amounts, shares in thousands)	PREFERRED STOCK	COMMON STOCK		Surplus	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	TREASURY STOCK		Total
		Shares	Amount				Shares	Amount	
Balance as of December 31, 2011	\$ 500	503,966	\$504	\$9,557	\$10,176	\$ (659 )	16,542	\$(680 )	\$19,398
Net income					917				917
Other comprehensive income						122			122
Cash dividends declared:									
Common stock—\$.48 per share					(233 )				(233 )
Preferred stock					(14 )				(14 )
Common stock acquired							11,098	(480 )	(480 )
Common stock awards and options exercised, including related taxes of \$(9)		(35 )		65			(2,534 )	121	186
Other				1			3		1
Balance as of June 30, 2012	\$ 500	503,931	\$504	\$9,623	\$10,846	\$ (537 )	25,109	\$(1,039)	\$19,897
Balance as of December 31, 2012	\$ 489	503,900	\$504	\$9,667	\$11,751	\$ 360	45,238	\$(1,902)	\$20,869
Net income					1,043				1,043
Other comprehensive loss						(883 )			(883 )
Accretion of issuance costs	1				(1 )				—
Cash dividends declared:									
Common stock—\$.52 per share					(235 )				(235 )
Preferred stock					(13 )				(13 )
Common stock acquired							15,068	(920 )	(920 )
Common stock awards and options exercised, including related taxes of \$32		(9 )		46			(4,807 )	174	220
Other							(3 )		—
Balance as of June 30, 2013	\$ 490	503,891	\$504	\$9,713	\$12,545	\$ (523 )	55,496	\$(2,648)	\$20,081

The accompanying condensed notes are an integral part of these consolidated financial statements.

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STATE STREET CORPORATION  
CONSOLIDATED STATEMENT OF CASH FLOWS  
(UNAUDITED)

(In millions)	Six Months Ended June 30,	
	2013	2012
Operating Activities:		
Net income	\$1,043	\$917
Adjustments to reconcile net income to net cash provided by operating activities:		
Deferred income tax expense (benefit)	137	(55 )
Amortization of other intangible assets	107	99
Other non-cash adjustments for depreciation, amortization and accretion	193	98
Losses related to investment securities, net	5	16
Change in trading account assets, net	(16 )	101 )
Change in accrued income receivable, net	(85 )	(92 )
Change in collateral deposits, net	(3,596 )	(2,998 )
Change in unrealized losses on foreign exchange derivatives, net	(1,498 )	348 )
Change in other assets, net	1,226	1,355
Change in trading liabilities, net	—	5
Change in accrued expenses and other liabilities, net	263	(824 )
Other, net	74	(33 )
Net cash used in operating activities	(2,147 )	(1,063 )
Investing Activities:		
Net decrease in interest-bearing deposits with banks	5,980	27,741
Net increase in securities purchased under resale agreements	(553 )	(1,099 )
Proceeds from sales of available-for-sale securities	4,817	2,451
Proceeds from maturities of available-for-sale securities	20,336	21,653
Purchases of available-for-sale securities	(19,707 )	(29,397 )
Proceeds from maturities of held-to-maturity securities	972	1,512
Purchases of held-to-maturity securities	(5,022 )	(5 )
Net increase in loans	(4,156 )	(2,338 )
Purchases of equity investments and other long-term assets	(90 )	(53 )
Divestitures	18	—
Purchases of premises and equipment	(228 )	(143 )
Other, net	66	69
Net cash provided by investing activities	2,433	20,391
Financing Activities:		
Net increase (decrease) in time deposits	(14,481 )	3,000 )
Net increase (decrease) in all other deposits	16,820	(16,516 )
Net increase (decrease) in short-term borrowings	(378 )	284 )
Proceeds from issuance of long-term debt, net of issuance costs	1,492	—
Payments for long-term debt and obligations under capital leases	(13 )	(1,762 )
Proceeds related to common stock awards and option exercises	460	329
Purchases of common stock	(920 )	(480 )
Repurchases of common stock for employee tax withholding	(135 )	(69 )
Payments for cash dividends	(242 )	(219 )
Net cash provided by (used in) financing activities	2,603	(15,433 )

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Net increase	2,889	3,895
Cash and due from banks at beginning of period	2,590	2,193
Cash and due from banks at end of period	\$5,479	\$6,088

The accompanying condensed notes are an integral part of these consolidated financial statements.

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STATE STREET CORPORATION  
CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
(UNAUDITED)

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STATE STREET CORPORATION  
CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
(UNAUDITED)

Note 1. Basis of Presentation

The accounting and financial reporting policies of State Street Corporation conform to U.S. generally accepted accounting principles, referred to as 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 condensed 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. Our principal banking subsidiary is State Street Bank and Trust Company, or State Street Bank.

We have two lines of business:

Investment Servicing provides services for mutual funds, collective investment funds and other investment pools, corporate and public retirement plans, insurance companies, foundations and endowments worldwide. Products include custody, product- and participant-level accounting, daily pricing and administration; master trust and master custody; record-keeping; foreign exchange, brokerage and other trading services; securities finance; deposit and short-term investment facilities; loans and lease financing; investment manager and alternative investment manager operations outsourcing; and performance, risk and compliance analytics to support institutional investors.

Investment Management, through State Street Global Advisors, or SSgA, provides a broad range of investment management strategies, specialized investment management advisory services and other financial services, such as securities finance, for corporations, public funds, and other sophisticated investors. Management strategies offered by SSgA include passive and active, such as enhanced indexing, using quantitative and fundamental methods for both U.S. and non-U.S. equity and fixed-income securities. SSgA also offers exchange-traded funds.

The consolidated financial statements accompanying these condensed notes are unaudited. In the opinion of management, all adjustments, consisting only of normal recurring adjustments, which are necessary for a fair statement of the consolidated results of operations in these financial statements, have been made. Certain previously reported amounts presented in this Form 10-Q have been reclassified to conform to current-period presentation. Events occurring subsequent to the date of our consolidated statement of condition were evaluated for potential recognition or disclosure in our consolidated financial statements through the date we filed this Form 10-Q with the SEC.

The preparation of consolidated financial statements in conformity with 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. Amounts dependent on subjective or complex judgments in the application of accounting policies considered by management to be relatively more significant in this regard are those associated with our accounting for fair-value measurements; other-than-temporary impairment of investment securities; and impairment of goodwill and other intangible assets. Among other effects, unanticipated events or circumstances could result in future impairment of investment securities, goodwill or other intangible assets. Our consolidated statement of condition at December 31, 2012 included in the accompanying consolidated financial statements was derived from the audited financial statements at that date, but does not include all notes required by GAAP for a complete set of financial statements. The accompanying consolidated financial statements and these condensed notes should be read in conjunction with the financial and risk factors information included in our 2012 Form 10-K, which we previously filed with the SEC.

Recent Accounting Developments:

In June 2013, the FASB issued an amendment to GAAP that prescribes certain criteria for an entity to qualify as an investment company. The amendment is not expected to significantly change which entities qualify to use specialized accounting for investment companies, but introduces new disclosure requirements that apply to all investment companies, and revises the criteria used to measure certain interests in investment companies. We are not an investment company, but we are affiliated with investment companies in our role as an asset manager, and we provide

accounting and reporting services to investment companies in our role as an asset servicer. The amendment is effective, for State Street, for interim and annual periods beginning on January 1, 2014. While the amendment could affect how we measure our interests in investment companies, our adoption of the amendment is not expected to have a material effect on our consolidated financial statements.



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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Note 2. Fair Value

Fair-Value Measurements:

We carry trading account assets, investment securities available for sale 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 accumulated other comprehensive income within shareholders' equity in our consolidated statement of condition.

We measure fair value for the above-described financial assets and liabilities in accordance with 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 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 most 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 valuation levels 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. Fair value is measured using unadjusted quoted prices in active markets for identical securities. 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. We may carry U.S. government securities in our available-for-sale portfolio in connection with our asset-and-liability management activities. Our level-1 financial assets also include active 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
- 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 trading account assets and fixed-income investment securities, as well as various types of foreign exchange and interest-rate derivative instruments.

Fair value for our 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 and our own credit risk. We consider factors such as the likelihood of default by us and 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 in the three and six months ended June 30, 2013 or 2012.

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

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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

the best available information, some of which is 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 our investment securities categorized in level 3 is measured using information obtained from third-party sources, typically non-binding broker or dealer quotes, or through the use of internally-developed pricing models. Management has evaluated its methodologies used to measure fair value, but has considered the level of observable market information to be insufficient to categorize the securities in level 2.

The fair value of 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.

The fair value of certain interest-rate caps with long-dated maturities, is measured using a matrix-pricing approach. Observable market prices are not available for these derivatives, so extrapolation is necessary to value these instruments, since they have a strike and/or maturity outside of the matrix.

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 inherently more difficult. As of June 30, 2013, on a gross basis, we categorized in level 3 approximately 6% and 1% of our financial assets and liabilities, respectively, carried at fair value on a recurring basis. We generally determine the fair value of our level-3 financial assets and liabilities using pricing information obtained from third-party sources, typically non-binding broker and dealer quotes, and, to a lesser extent, using internally-developed pricing models. The fair value of investment securities categorized in level 3 that was measured using non-binding quotes and internally-developed pricing-model inputs composed approximately 97% and 3%, respectively, of the total fair value of the investment securities categorized in level 3 as of June 30, 2013.

The process used to measure the fair value of our level-3 financial assets and liabilities is overseen by a valuation group within Corporate Finance, independent of the business units that carry the assets and liabilities. This function, which develops and manages the valuation process, reports to State Street's Valuation Committee. The Valuation Committee, composed of senior management from independent business units, Enterprise Risk Management and Corporate Finance, oversees adherence to State Street's valuation policies.

The valuation group performs independent validation of the pricing information obtained from third-party sources in order to evaluate reasonableness and consistency with market experience in similar asset classes. Monthly analyses include a review of price changes relative to overall trends, credit analysis and other relevant procedures (discussed below). In addition, prices for level-3 securities carried in our investment portfolio are tested on a sample basis based on unexpected pricing movements. These sample prices are then corroborated through price recalculations, when applicable, using available market information, which is obtained independent of the third-party pricing source. The recalculated prices are compared to market-research information pertaining to credit expectations, execution prices and the timing of cash flows, and where information is available, back-testing. If a difference is identified and it is determined that there is a significant impact requiring an adjustment, the adjustment is presented to the Valuation Committee for review and consideration.

Independent validation is also performed on fair-value measurements determined using internally-developed pricing models. The pricing models are subject to independent validation through our Model Assessment Committee, a corporate risk oversight committee that provides technical support and input to the Valuation Committee. This validation process incorporates a review of a diverse set of model and trade parameters across a broad range of values in order to evaluate the model's suitability for valuation of a particular financial instrument type, as well as the model's accuracy in reflecting the characteristics of the related financial asset or liability and its significant risks. Inputs and assumptions, including any price-valuation adjustments, are developed by the business units and independently reviewed by the valuation group. Model valuations are compared to available market information including appropriate proxy instruments and other benchmarks to highlight abnormalities for further investigation.

Measuring fair value requires the exercise of management judgment. The level of subjectivity and the degree of management judgment required is more significant for financial instruments whose fair value is measured using inputs that are not observable. The areas requiring significant judgment are identified, documented and reported to the Valuation Committee as part of the valuation control framework. We believe that our valuation methods are appropriate; however, the use of different methodologies or assumptions, particularly as they apply to level-3 financial assets and liabilities, could materially affect fair-value measurements as of the reporting date.

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. No transfers of financial assets or liabilities between levels 1 and 2 occurred during the six months ended June 30, 2013 or the year ended December 31, 2012.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

(In millions)	Fair-Value Measurements on a Recurring Basis as of June 30, 2013				Total Net Carrying Value in Consolidated Statement of Condition
	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 <sup>(1)</sup>	
Assets:					
Trading account assets:					
U.S. government securities	\$20				\$20
Non-U.S. government securities	370				370
Other	58	\$ 205			263
Investment securities available for sale:					
U.S. Treasury and federal agencies:					
Direct obligations	3	774			777
Mortgage-backed securities	—	25,598	\$ 864		26,462
Asset-backed securities:					
Student loans	—	14,760	380		15,140
Credit cards	—	9,110	24		9,134
Sub-prime	—	1,325	—		1,325
Other	—	546	3,848		4,394
Total asset-backed securities	—	25,741	4,252		29,993
Non-U.S. debt securities:					
Mortgage-backed securities	—	10,063	328		10,391
Asset-backed securities	—	4,711	756		5,467
Government securities	—	3,430	—		3,430
Other	—	4,027	281		4,308
Total non-U.S. debt securities	—	22,231	1,365		23,596
State and political subdivisions	—	8,074	45		8,119
Collateralized mortgage obligations	—	4,738	238		4,976
Other U.S. debt securities	—	5,056	9		5,065
U.S. equity securities	—	43	—		43
Non-U.S. equity securities	—	1	—		1
Money-market mutual funds	—	1,148	—		1,148
Total investment securities available for sale	3	93,404	6,773		100,180
Other assets:					
Derivative instruments:					
Foreign exchange contracts	—	11,438	121		
Interest-rate contracts	—	71	—		
Total derivative instruments	—	11,509	121	\$ (5,495 )	6,135
Other	95	—	—	—	95
Total assets carried at fair value	\$546	\$ 105,118	\$ 6,894	\$ (5,495 )	\$ 107,063
Liabilities:					
Accrued expenses and other liabilities:					

Derivative instruments:					
Foreign exchange contracts		\$ 11,085	\$ 108		
Interest-rate contracts		332	—		
Other		—	9		
Total derivative instruments		11,417	117	\$(5,538 )	5,996
Other	\$95	—	—	—	95
Total liabilities carried at fair value	\$95	\$ 11,417	\$ 117	\$(5,538 )	\$6,091

<sup>(1)</sup> Represents counterparty netting against level-2 financial assets and liabilities, where a legally enforceable master netting agreement exists between State Street and the counterparty. Netting also reflects asset and liability reductions of \$861 million and \$904 million, respectively, for cash collateral received from and provided to derivative counterparties. Netting cannot be disaggregated by type of derivative instrument because netting is managed at the counterparty level, not the instrument level.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

(In millions)	Fair-Value Measurements on a Recurring Basis as of December 31, 2012				Total Net Carrying Value in Consolidated Statement of Condition
	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 <sup>(1)</sup>	
Assets:					
Trading account assets:					
U.S. government securities	\$20				\$20
Non-U.S. government securities	391				391
Other	71	\$ 155			226
Investment securities available for sale:					
U.S. Treasury and federal agencies:					
Direct obligations	3	838			841
Mortgage-backed securities	—	31,387	\$ 825		32,212
Asset-backed securities:					
Student loans	—	15,833	588		16,421
Credit cards	—	9,919	67		9,986
Sub-prime	—	1,399	—		1,399
Other	—	683	3,994		4,677
Total asset-backed securities	—	27,834	4,649		32,483
Non-U.S. debt securities:					
Mortgage-backed securities	—	10,850	555		11,405
Asset-backed securities	—	5,694	524		6,218
Government securities	—	3,199	—		3,199
Other	—	4,166	140		4,306
Total non-U.S. debt securities	—	23,909	1,219		25,128
State and political subdivisions	—	7,503	48		7,551
Collateralized mortgage obligations	—	4,837	117		4,954
Other U.S. debt securities	—	5,289	9		5,298
U.S. equity securities	—	31	—		31
Non-U.S. equity securities	—	1	—		1
Money-market mutual funds	—	1,183	—		1,183
Total investment securities available for sale	3	102,812	6,867		109,682
Other assets:					
Derivatives instruments:					
Foreign exchange contracts	—	9,265	113		
Interest-rate contracts	—	223	—		
Total derivative instruments	—	9,488	113	\$ (5,045 )	4,556
Other	66	2	—	—	68
Total assets carried at fair value	\$551	\$ 112,457	\$ 6,980	\$ (5,045 )	\$ 114,943
Liabilities:					
Accrued expenses and other liabilities:					

Derivative instruments:					
Foreign exchange contracts		\$ 8,978	\$ 106		
Interest-rate contracts		345	—		
Other		—	9		
Total derivative instruments		9,323	115	\$ (4,071 )	5,367
Other	\$ 66	—	—	—	66
Total liabilities carried at fair value	\$ 66	\$ 9,323	\$ 115	\$ (4,071 )	\$ 5,433

<sup>(1)</sup> Represents counterparty netting against level-2 financial assets and liabilities, where a legally enforceable master netting agreement exists between State Street and the counterparty. Netting also reflects asset and liability reductions of \$1.45 billion and \$478 million, respectively, for cash collateral received from and provided to derivative counterparties. Netting cannot be disaggregated by type of derivative instrument because netting is managed at the counterparty level, not the instrument level.



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

The following tables present activity related to our level-3 financial assets and liabilities during the three and six months ended June 30, 2013 and 2012, respectively. Transfers into and out of level 3 are reported as of the beginning of the period. In both the three and six months ended June 30, 2013 and 2012, transfers out of level 3 were substantially related to certain asset-backed securities and non-U.S. debt securities, for which fair value was measured using prices for which observable market information became available.

## Fair-Value Measurements Using Significant Unobservable Inputs

## Three Months Ended June 30, 2013

(In millions)	Fair Value as of March 31, 2013	Transfers into Level 3	Transfers out of Level 3	Total Realized and Unrealized Gains (Losses)				Fair Value as of June 30, 2013	Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30, 2013
				Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances		
Assets:									
Investment securities available for sale:									
U.S. Treasury and federal agencies, mortgage-backed securities									
	\$ 798					\$ 92		\$ (26 )	\$ 864
Asset-backed securities:									
Student loans	461		\$ (76 )	\$ 1	\$ 2	—		(8 )	380
Credit cards	24		—	—	—	—		—	24
Other	3,872		—	15	9	385		(433 )	3,848
Total asset-backed securities	4,357		(76 )	16	11	385		(441 )	4,252
Non-U.S. debt securities:									
Mortgage-backed securities									
	331		—	—	(1 )	—		(2 )	328
Asset-backed securities	470	\$ 139	—	1	(2 )	183		(35 )	756
Other	276	—	—	—	1	—		4	281
Total non-U.S. debt securities	1,077	139	—	1	(2 )	183		(33 )	1,365
	47	—	—	—	(1 )	—		(1 )	45

State and political subdivisions													
Collateralized mortgage obligations	108	—	—	—	—	140		(10	)	238			
Other U.S. debt securities	9	—	—	—	—	—		—		9			
Total investment securities available for sale	6,396	139	(76	)	17	8	800	(511	)	6,773			
Other assets:													
Derivative instruments, Foreign exchange contracts	172	—	—	31	—	12		(94	)	121	\$ 34		
Total assets carried at fair value	\$6,568	\$ 139	\$(76	)	\$ 48	\$ 8	\$ 812	—	—	\$(605	)	\$6,894	\$ 34

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Fair-Value Measurements Using Significant Unobservable Inputs											
Three Months Ended June 30, 2013											
Total Realized and Unrealized (Gains) Losses											
(In millions)	Fair Value as of March 31, 2013	Transfers into Level 3	Transfers out of Level 3	Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances	Sales	Settlements	Fair Value as of June 30, 2013	Change in Unrealized (Gains) Losses Related to Financial Instruments Held as of June 30, 2013
Liabilities:											
Accrued expenses and other liabilities:											
Derivative instruments:											
Foreign exchange contracts											
	\$ 153			\$ 24			\$ 10		\$ (79 )	\$ 108	\$ 29
Other											
	9			—			—		—	9	—
Total derivative instruments											
	162			24			10		(79 )	117	29
Other											
	—			—			—		—	—	—
Total liabilities carried at fair value											
	\$ 162	—	—	\$ 24	—	—	\$ 10	—	\$ (79 )	\$ 117	\$ 29

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Fair-Value Measurements Using Significant Unobservable Inputs										Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30, 2013
Six Months Ended June 30, 2013										
(In millions)	Fair Value as of December 31, 2012	Transfers into Level 3	Transfers out of Level 3	Total Realized and Unrealized Gains (Losses)		Purchases	Issuances	Sales	Settlements	Fair Value as of June 30, 2013
				Recorded in Revenue	Recorded in Other Comprehensive Income					
Assets:										
Investment securities available for sale:										
U.S. Treasury and federal agencies, mortgage-backed securities	\$825			\$ 1	\$ 92				\$ (54 )	\$864
Asset-backed securities:										
Student loans	588		\$ (175 )	\$ 1	8	—		\$ (26)	(16 )	380
Credit cards	67		—	—	—	—		—	(43 )	24
Other	3,994		—	28	30	565		(10 )	(759 )	3,848
Total asset-backed securities	4,649		(175 )	29	38	565		(36 )	(818 )	4,252
Non-U.S. debt securities:										
Mortgage-backed securities	555		(208 )	—	—	—		—	(19 )	328
Asset-backed securities	524	\$ 139	(77 )	3	1	234		—	(68 )	756
Other	140	—	(40 )	—	1	179		—	1	281
Total non-U.S. debt securities	1,219	139	(325 )	3	2	413		—	(86 )	1,365
State and political subdivisions	48	—	—	—	(1 )	—		—	(2 )	45
Collateralized mortgage obligations	117	—	—	—	—	140		—	(19 )	238

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Other U.S. debt securities	9	—	—	—	—	—	—	—	9		
Total investment securities available for sale	6,867	139	(500 )	32	40	1,210	(36 )	(979 )	6,773		
Other assets:											
Derivative instruments, Foreign exchange contracts	113	—	—	134	—	32	—	(158 )	121	\$ 56	
Total assets carried at fair value	\$6,980	\$ 139	\$(500 )	\$ 166	\$ 40	\$ 1,242	—	\$(36)	\$(1,137 )	\$6,894	\$ 56

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Fair-Value Measurements Using Significant Unobservable Inputs											
Six Months Ended June 30, 2013											
Total Realized and											
Unrealized (Gains) Losses											
(In millions)	Fair Value as of December 31, 2012	Transfers into Level 3	Transfers out of Level 3	Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances	Sales	Settlements	Fair Value as of June 30, 2013	Change in Unrealized (Gains) Losses Related to Financial Instruments Held as of June 30, 2013
Liabilities:											
Accrued expenses and other liabilities:											
Derivative instruments:											
Foreign exchange contracts											
	\$ 106			\$ 74		\$ 35		\$ (107 )		\$ 108	\$ 42
Other											
	9			—		—		—		9	—
Total derivative instruments											
	115			74		35		(107 )		117	42
Total liabilities carried at fair value											
	\$ 115	—	—	\$ 74	—	—	\$ 35	—	\$ (107 )	\$ 117	\$ 42

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Fair-Value Measurements Using Significant Unobservable Inputs										
Three Months Ended June 30, 2012										
(In millions)	Fair Value as of March 31, 2012	Transfers into Level 3	Transfers out of Level 3	Total Realized and Unrealized Gains (Losses)				Fair Value as of June 30, 2012	Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30, 2012	
				Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances			Sales
Assets:										
Investment securities available for sale:										
U.S. Treasury and federal agencies:										
Direct obligations										
Mortgage-backed securities	\$912	\$ 50						\$ (29 )	\$ 933	
Asset-backed securities:										
Student loans	511	—		\$ 1	\$ (8 )			(20 )	484	
Credit cards	119	—		2	(4 )	\$ 157		—	274	
Other	3,090	—		11	9	213		(229 )	3,094	
Total asset-backed securities	3,720	—	—	14	(3 )	370		(249 )	3,852	
Non-U.S. debt securities:										
Mortgage-backed securities	469		\$ (338 )		3	147		(8 )	273	
Asset-backed securities	1,035		(483 )		1	840		(31 )	1,362	
Other	314		(308 )		(4 )	—		(1 )	1	
Total non-U.S. debt securities	1,818	—	(1,129 )	—	—	987		(40 )	1,636	
State and political	50	—	—	—	—	—		(1 )	49	

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subdivisions											
Collateralized											
mortgage	193	45	(59	) 66	—	177			(121	) 301	
obligations											
Total investment											
securities	6,693	95	(1,188	) 80	(3	) 1,534			(440	) 6,771	
available for sale											
Other assets:											
Derivative											
instruments,											
Foreign	127	—	—	(77	) —	157			(47	) 160	\$(52
exchange											)
contracts											
Total assets											
carried at fair	\$6,820	\$95	\$(1,188)	\$3	\$(3	) \$1,691	—	—	\$(487	) \$6,931	\$(52
value											)



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

(In millions)	Fair-Value Measurements Using Significant Unobservable Inputs Three Months Ended June 30, 2012										
	Fair Value as of March 31, 2012	Transfers into Level 3	Transfers out of Level 3	Total Realized and Unrealized (Gains) Losses Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances	Sales	Settlements	Fair Value as of June 30, 2012	Change in Unrealized (Gains) Losses Related to Financial Instruments Held as of June 30, 2012
Liabilities:											
Accrued expenses and other liabilities:											
Derivative instruments:											
Foreign exchange contracts	\$ 126			\$ (78 )		\$ 150		\$ (41 )		\$ 157	\$ (52 )
Other	9			—				—		9	—
Total derivative instruments	135			(78 )		150		(41 )		166	(52 )
Other	20			—		—		(20 )		—	—
Total liabilities carried at fair value	\$ 155	—	—	\$ (78 )	—	—	\$ 150	—	\$ (61 )	\$ 166	\$ (52 )

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

(In millions)	Fair-Value Measurements Using Significant Unobservable Inputs Six Months Ended June 30, 2012										Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30, 2012
	Fair Value as of December 31, 2011	Transfers into Level 3	Transfers out of Level 3	Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances	Sales	Settlements	Fair Value as of June 30, 2012	
Assets:											
Investment securities available for sale:											
U.S. Treasury and federal agencies:											
Mortgage-backed securities	\$1,189	\$ 50	\$(251 )						\$( 55 )	\$ 933	
Asset-backed securities:											
Student loans	860	—	(341 )	\$ 1	\$( 10 )				( 26 )	484	
Credit cards	91	21	—	3	( 3 )	\$ 224		\$(62)	—	274	
Other	2,798	—	—	21	25	569		( 12 )	( 307 )	3,094	
Total asset-backed securities	3,749	21	(341 )	25	12	793		( 74 )	( 333 )	3,852	
Non-U.S. debt securities:											
Mortgage-backed securities	1,457	—	(1,495 )	—	4	306		—	1	273	
Asset-backed securities	1,768	—	(1,568 )	—	—	1,207		—	( 45 )	1,362	
Other	71	—	(372 )	—	( 4 )	308		—	( 2 )	1	
Total non-U.S. debt securities	3,296	—	(3,435 )	—	—	1,821		—	( 46 )	1,636	
State and political subdivisions	50	—	—	—	—	—			( 1 )	49	
	227	45	(191 )	201	—	282		—	( 263 )	301	

Collateralized mortgage obligations													
Other U.S. debt securities	2	—	—	—	—	—	—	(2	)	—			
Total investment securities available for sale	8,513	116	(4,218	)	226	12	2,896	(74	)	(700	)	6,771	
Other assets:													
Derivative instruments:													
Foreign exchange contracts	168	—	—	(108	)	—	198	—	(98	)	160	\$(73	)
Interest-rate contracts	10	—	—	(10	)	—	—	1	(1	)	—	—	
Total derivative instruments	178	—	—	(118	)	—	198	1	(99	)	160	(73	)
Total assets carried at fair value	\$8,691	\$ 116	\$(4,218)	\$ 108	\$ 12	\$ 3,094	—	\$(73)	\$(799	)	\$6,931	\$(73	)

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Fair-Value Measurements Using Significant Unobservable Inputs											
Six Months Ended June 30, 2012											
(In millions)	Fair Value as of December 31, 2011	Transfers into Level 3	Transfers out of Level 3	Total Realized and Unrealized (Gains) Losses				Fair Value as of June 30, 2012	Change in Unrealized (Gains) Losses Related to Financial Instruments Held as of June 30, 2012		
				Recorded in Revenue	Recorded in Other Comprehensive Income	Purchases	Issuances			Sales	Settlements
Liabilities:											
Accrued expenses and other liabilities:											
Derivative instruments:											
Foreign exchange contracts	\$ 161			\$ (115 )		\$ 195		\$ (84 )	\$ 157	\$ (68 )	
Interest-rate contracts	11			(10 )		—		(1 )	—	—	
Other	9			—		—		—	9	—	
Total derivative instruments	181			(125 )		195		(85 )	166	(68 )	
Other	20			—		—		(20 )	—	—	
Total liabilities carried at fair value	\$ 201	—	—	\$ (125 )	—	—	\$ 195	—	\$ (105 )	\$ 166	\$ (68 )

The following table presents total realized and unrealized gains and losses, for the periods indicated, that were recorded in revenue for our level-3 financial assets and liabilities:

(In millions)	Three Months Ended June 30,				Six Months Ended June 30,			
	Total Realized and Unrealized Gains (Losses) Recorded in Revenue		Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30,		Total Realized and Unrealized Gains (Losses) Recorded in Revenue		Change in Unrealized Gains (Losses) Related to Financial Instruments Held as of June 30,	
	2013	2012	2013	2012	2013	2012	2013	2012

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Fee revenue:								
Trading services	\$7	\$1	\$5		\$60	\$7	\$14	\$(5 )
Total fee revenue	7	1	5		60	7	14	(5 )
Net interest revenue	17	80	—		32	226	—	—
Total revenue	\$24	\$81	\$5	—	\$92	\$233	\$14	\$(5 )

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following table presents quantitative information, as of the dates indicated, about the valuation techniques and significant unobservable inputs used in the valuation of our level-3 financial assets and liabilities measured at fair value on a recurring basis for which we use internally-developed pricing models. The significant unobservable inputs for our level-3 financial assets and liabilities whose fair value is measured using pricing information from non-binding broker or dealer quotes are not included in the table, as the specific inputs applied are not provided by the broker/dealer.

(Dollars in millions)	Quantitative Information about Level-3 Fair-Value Measurements						
	Fair Value		Valuation Technique	Significant Unobservable Input	Weighted-Average		
	As of June 30, 2013	As of December 31, 2012			As of June 30, 2013	As of December 31, 2012	
Significant unobservable inputs readily available to State Street:							
Assets:							
Asset-backed securities, student loans	\$ 14	\$ 12	Discounted cash flows	Credit spread	3.8	% 6.7	%
Asset-backed securities, credit cards	24	67	Discounted cash flows	Credit spread	2.1	7.1	
Asset-backed securities, other	105	103	Discounted cash flows	Credit spread	1.0	1.5	
State and political subdivisions	45	48	Discounted cash flows	Credit spread	2.0	1.9	
Derivative instruments, foreign exchange contracts	121	113	Option model	Volatility	14.8	9.8	
Total	\$ 309	\$ 343					
Liabilities:							
Derivative instruments, foreign exchange contracts	\$ 108	\$ 106	Option model	Volatility	14.9	9.8	
Derivative instruments, other	9	9	Discounted cash flows	Participant redemptions	6.4	6.7	
Total	\$ 117	\$ 115					

The following tables present information with respect to the composition of our level-3 financial assets and liabilities, by availability of significant unobservable inputs, as of the dates indicated:

	Significant Unobservable Inputs Readily Available to State Street <sup>(1)</sup>	Significant Unobservable Inputs Not Developed by State Street and Not Readily Available <sup>(2)</sup>	Total Assets and Liabilities with Significant Unobservable Inputs
June 30, 2013			
(In millions)			
Assets:			
U.S. Treasury and federal agencies, mortgage-backed securities	\$—	\$864	\$864
Asset-backed securities, student loans	14	366	380
Asset-backed securities, credit cards	24	—	24

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Asset-backed securities, other	105	3,743	3,848
Non-U.S. debt securities, mortgage-backed securities	—	328	328
Non-U.S. debt securities, asset-backed securities	—	756	756
Non-U.S. debt securities, other	—	281	281
State and political subdivisions	45	—	45
Collateralized mortgage obligations	—	238	238
Other U.S. debt securities	—	9	9
Derivative instruments, foreign exchange contracts	121	—	121
Total	\$309	\$6,585	\$6,894
Liabilities:			
Derivative instruments, foreign exchange contracts	\$108	—	\$108
Derivative instruments, other	9	—	9
Total	\$117	—	\$117

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

December 31, 2012	Significant Unobservable Inputs Readily Available to State Street <sup>(1)</sup>	Significant Unobservable Inputs Not Developed by State Street and Not Readily Available <sup>(2)</sup>	Total Assets and Liabilities with Significant Unobservable Inputs
(In millions)			
Assets:			
U.S. Treasury and federal agencies, mortgage-backed securities	\$—	\$825	\$825
Asset-backed securities, student loans	12	576	588
Asset-backed securities, credit cards	67	—	67
Asset-backed securities, other	103	3,891	3,994
Non-U.S. debt securities, mortgage-backed securities	—	555	555
Non-U.S. debt securities, asset-backed securities	—	524	524
Non-U.S. debt securities, other	—	140	140
State and political subdivisions	48	—	48
Collateralized mortgage obligations	—	117	117
Other U.S. debt securities	—	9	9
Derivative instruments, foreign exchange contracts	113	—	113
Total	\$343	\$6,637	\$6,980
Liabilities:			
Derivative instruments, foreign exchange contracts	\$106	—	\$106
Derivative instruments, other	9	—	9
Total	\$115	—	\$115

(1) Information with respect to these model-priced financial assets and liabilities is provided in the preceding table.

(2) Fair value for these financial assets is measured using non-binding broker or dealer quotes.

Internally-developed pricing models used to measure the fair value of our level-3 financial assets and liabilities incorporate discounted cash-flow and option-modeling techniques. Use of these techniques requires the determination of relevant inputs and assumptions, some of which represent significant unobservable inputs as indicated in the preceding table. Accordingly, changes in these unobservable inputs may have a significant impact on fair value. Certain of these unobservable inputs will, in isolation, have a directionally consistent impact on the fair value of the instrument for a given change in that input. Alternatively, the fair value of the instrument may move in an opposite direction for a given change in another input. Where multiple inputs are used within the valuation technique of an asset or liability, a change in one input in a certain direction may be offset by an opposite change in another input, resulting in a potentially muted impact on the overall fair value of that particular instrument. Additionally, a change in one unobservable input may result in a change to another unobservable input (that is, changes in certain inputs are interrelated to one another), which may counteract or magnify the fair-value impact.

For recurring level-3 fair-value measurements for which significant unobservable inputs are readily available to State Street as of June 30, 2013, the sensitivity of the fair-value measurement to changes in significant unobservable inputs, and a description of any interrelationships between those unobservable inputs, is described below; however, we rarely experience a situation in which those unobservable inputs change in isolation:

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The significant unobservable input used in the measurement of the fair value of our asset-backed securities and investment securities issued by state and political subdivisions is the credit spread. Significant increases (decreases) in the credit spread would result in measurements of significantly lower (higher) fair value.

The significant unobservable inputs used in the measurement of the fair value of our other non-U.S. debt securities, specifically securities collateralized by sovereign-trade credit obligations, are discount rates, expected recovery and expected maturity. Significant increases (decreases) in the discount rate and the expected maturity in isolation would result in measurements of significantly lower (higher) fair value. A significant increase (decrease) in the expected recovery would result in measurements of significantly higher (lower) fair value. However, a change in the discount rate plays a much more significant role in the measurement of fair value.

The significant unobservable input used in the measurement of the fair value of our foreign exchange option contracts is the implied volatility surface. A significant increase (decrease) in the implied volatility surface would result in measurements of significantly higher (lower) fair value.

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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

The significant unobservable input used in the measurement of the fair value of our other derivative instruments, specifically stable value wrap contracts, is participant redemptions. Increased volatility of redemptions may result in changes to the measurement of fair value. Generally, significant increases (decreases) in participant redemptions may result in measurements of significantly higher (lower) fair value of this liability.

Fair Values of Financial Instruments:

Estimates of fair value for financial instruments not carried at fair value on a recurring basis in our consolidated statement of condition, as defined by GAAP, are generally subjective in nature, and are made 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 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 repriced 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.

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 reported 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 income 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 net loans (excluding leases), we consider fair value for these loans to approximate their reported value. The fair value of other types of loans, such as purchased receivables and commercial real estate loans, is estimated 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. Loan commitments have no reported value because their terms are at prevailing market rates.

The following tables present the reported amounts and estimated fair values of the financial instruments defined by GAAP, excluding financial assets and liabilities carried at fair value on a recurring basis, as they would be categorized within the fair-value hierarchy as of the dates indicated.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

June 30, 2013	Reported Amount	Fair Value	Fair-Value Hierarchy		
			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)
(In millions)					
Financial Assets:					
Cash and due from banks	\$5,479	\$5,479	\$5,479	\$ —	\$ —
Interest-bearing deposits with banks	44,783	44,783	—	44,783	—
Securities purchased under resale agreements	5,569	5,569	—	5,569	—
Investment securities held to maturity	15,468	15,382	—	15,382	—
Loans (excluding leases)	15,298	15,291	—	14,791	500
Financial Liabilities:					
Deposits:					
Noninterest-bearing	\$49,922	\$49,922	\$—	\$ 49,922	\$ —
Interest-bearing - U.S.	7,684	7,684	—	7,684	—
Interest-bearing - non-U.S.	108,914	108,914	—	108,914	—
Securities sold under repurchase agreements	9,154	9,154	—	9,154	—
Federal funds purchased	98	98	—	98	—
Other short-term borrowings	3,277	3,277	—	3,277	—
Long-term debt	8,841	9,145	—	8,195	950

December 31, 2012	Reported Amount	Fair Value	Fair-Value Hierarchy		
			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)
(In millions)					
Financial Assets:					
Cash and due from banks	\$2,590	\$2,590	\$2,590	\$ —	\$ —
Interest-bearing deposits with banks	50,763	50,763	—	50,763	—
Securities purchased under resale agreements	5,016	5,016	—	5,016	—
Investment securities held to maturity	11,379	11,661	—	11,661	—
Loans (excluding leases)	11,121	11,166	—	10,276	890
Financial Liabilities:					
Deposits:					
Noninterest-bearing	\$44,445	\$44,445	\$—	\$ 44,445	\$ —
Interest-bearing - U.S.	19,201	19,201	—	19,201	—
Interest-bearing - non-U.S.	100,535	100,535	—	100,535	—
Securities sold under repurchase agreements	8,006	8,006	—	8,006	—
Federal funds purchased	399	399	—	399	—

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Other short-term borrowings	4,502	4,502	—	4,502	—
Long-term debt	7,429	7,780	—	6,871	909

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

## Note 3. Investment Securities

The following table presents the amortized cost and fair value, and associated unrealized gains and losses, of investment securities as of the dates indicated:

(In millions)	June 30, 2013			December 31, 2012			Fair Value	
	Amortized Cost	Gross Unrealized Gains	Losses	Amortized Cost	Gross Unrealized Gains	Losses		
Available for sale:								
U.S. Treasury and federal agencies:								
Direct obligations	\$758	\$20	\$1	\$777	\$823	\$19	\$1	\$841
Mortgage-backed securities	26,416	303	257	26,462	31,640	598	26	32,212
Asset-backed securities:								
Student loans <sup>(1)</sup>	15,476	60	396	15,140	16,829	100	508	16,421
Credit cards	9,159	24	49	9,134	9,928	61	3	9,986
Sub-prime	1,434	4	113	1,325	1,557	4	162	1,399
Other	4,264	166	36	4,394	4,583	155	61	4,677
Total asset-backed securities	30,333	254	594	29,993	32,897	320	734	32,483
Non-U.S. debt securities:								
Mortgage-backed securities	10,153	251	13	10,391	11,119	313	27	11,405
Asset-backed securities	5,438	32	3	5,467	6,180	42	4	6,218
Government securities	3,431	1	2	3,430	3,197	2	—	3,199
Other	4,269	58	19	4,308	4,221	86	1	4,306
Total non-U.S. debt securities	23,291	342	37	23,596	24,717	443	32	25,128
State and political subdivisions	8,157	148	186	8,119	7,384	234	67	7,551
Collateralized mortgage obligations	4,969	87	80	4,976	4,818	151	15	4,954
Other U.S. debt securities	4,955	148	38	5,065	5,072	233	7	5,298
U.S. equity securities	37	6	—	43	28	3	—	31
Non-U.S. equity securities	1	—	—	1	1	—	—	1
Money-market mutual funds	1,148	—	—	1,148	1,183	—	—	1,183
Total	\$100,065	\$1,308	\$1,193	\$100,180	\$108,563	\$2,001	\$882	\$109,682
Held to maturity:								
U.S. Treasury and federal agencies:								
Direct obligations	\$5,000	\$—	\$302	\$4,698	\$5,000	\$—	\$8	\$4,992
Mortgage-backed securities	114	8	—	122	153	11	—	164
Asset-backed securities:								
Student loans <sup>(1)</sup>	1,294	—	14	1,280	—	—	—	—
Credit cards	68	—	1	67	—	—	—	—
Other	889	1	1	889	16	—	—	16
Total asset-backed securities	2,251	1	16	2,236	16	—	—	16
Non-U.S. debt securities:								
Mortgage-backed securities	3,809	121	76	3,854	3,122	85	68	3,139
Asset-backed securities	1,167	19	2	1,184	434	16	1	449
Government securities	15	—	—	15	3	—	—	3

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Other	184	—	—	184	167	—	2	165
Total non-U.S. debt securities	5,175	140	78	5,237	3,726	101	71	3,756
State and political subdivisions	66	1	—	67	74	2	—	76
Collateralized mortgage obligations	2,862	202	42	3,022	2,410	259	12	2,657
Total	\$ 15,468	\$ 352	\$ 438	\$ 15,382	\$ 11,379	\$ 373	\$ 91	\$ 11,661

(1) Substantially composed of securities guaranteed by the federal government with respect to at least 97% of defaulted principal and accrued interest on the underlying loans.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Aggregate investment securities carried at \$46.97 billion and \$46.66 billion as of June 30, 2013 and December 31, 2012, respectively, were designated as pledged for public and trust deposits, short-term borrowings and for other purposes as provided by law.

The following tables present the aggregate fair values of 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:

June 30, 2013 (In millions)	Less than 12 months		12 months or longer		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
Available for sale:						
U.S. Treasury and federal agencies:						
Direct obligations	\$—	\$—	\$120	\$1	\$120	\$1
Mortgage-backed securities	10,463	236	1,391	21	11,854	257
Asset-backed securities:						
Student loans	2,913	36	7,887	360	10,800	396
Credit cards	4,883	49	—	—	4,883	49
Sub-prime	—	—	1,248	113	1,248	113
Other	546	6	810	30	1,356	36
Total asset-backed securities	8,342	91	9,945	503	18,287	594
Non-U.S. debt securities:						
Mortgage-backed securities	672	1	290	12	962	13
Asset-backed securities	604	1	28	2	632	3
Government securities	2,863	2	—	—	2,863	2
Other	1,431	19	—	—	1,431	19
Total non-U.S. debt securities	5,570	23	318	14	5,888	37
State and political subdivisions	2,463	124	1,103	62	3,566	186
Collateralized mortgage obligations	1,398	70	393	10	1,791	80
Other U.S. debt securities	1,259	32	33	6	1,292	38
Total	\$29,495	\$576	\$13,303	\$617	\$42,798	\$1,193
Held to maturity:						
U.S. Treasury and federal agencies:						
Direct obligations	\$4,698	\$302	\$—	\$—	\$4,698	\$302
Asset-backed securities:						
Student loans	1,074	14	—	—	1,074	14
Credit cards	67	1	—	—	67	1
Other	191	1	—	—	191	1
Total asset-backed securities	1,332	16	—	—	1,332	16
Non-U.S. debt securities:						
Mortgage-backed securities	801	5	914	71	1,715	76
Asset-backed securities	398	2	—	—	398	2
Total non-U.S. debt securities	1,199	7	914	71	2,113	78
Collateralized mortgage obligations	641	29	108	13	749	42
Total	\$7,870	\$354	\$1,022	\$84	\$8,892	\$438





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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

December 31, 2012 (In millions)	Less than 12 months		12 months or longer		Total	Gross Unrealized Losses
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	
Available for sale:						
U.S. Treasury and federal agencies:						
Direct obligations	\$—	\$—	\$132	\$1	\$132	\$1
Mortgage-backed securities	3,486	18	865	8	4,351	26
Asset-backed securities:						
Student loans	625	6	10,241	502	10,866	508
Credit cards	888	3	—	—	888	3
Sub-prime	—	—	1,346	162	1,346	162
Other	639	13	989	48	1,628	61
Total asset-backed securities	2,152	22	12,576	712	14,728	734
Non-U.S. debt securities:						
Mortgage-backed securities	670	3	453	24	1,123	27
Asset-backed securities	973	1	53	3	1,026	4
Other	509	1	—	—	509	1
Total non-U.S. debt securities	2,152	5	506	27	2,658	32
State and political subdivisions	685	9	1,152	58	1,837	67
Collateralized mortgage obligations	347	1	621	14	968	15
Other U.S. debt securities	302	1	33	6	335	7
Total	\$9,124	\$56	\$15,885	\$826	\$25,009	\$882
Held to maturity:						
U.S. Treasury and federal agencies:						
Direct obligations	\$3,792	\$8	\$—	\$—	\$3,792	\$8
Non-U.S. debt securities:						
Mortgage-backed securities	56	1	956	67	1,012	68
Asset-backed securities	—	—	73	1	73	1
Other	—	—	156	2	156	2
Total non-U.S. debt securities	56	1	1,185	70	1,241	71
Collateralized mortgage obligations	120	1	153	11	273	12
Total	\$3,968	\$10	\$1,338	\$81	\$5,306	\$91

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following table presents contractual maturities of debt investment securities as of June 30, 2013:

(In millions)	Under 1 Year	1 to 5 Years	6 to 10 Years	Over 10 Years
Available for sale:				
U.S. Treasury and federal agencies:				
Direct obligations	\$3	\$38	\$55	\$681
Mortgage-backed securities	112	2,115	5,825	18,410
Asset-backed securities:				
Student loans	1,120	6,709	4,493	2,818
Credit cards	2,574	4,366	2,194	—
Sub-prime	25	30	2	1,268
Other	140	2,071	1,406	777
Total asset-backed securities	3,859	13,176	8,095	4,863
Non-U.S. debt securities:				
Mortgage-backed securities	226	5,458	183	4,524
Asset-backed securities	306	4,657	326	178
Government securities	2,445	985	—	—
Other	1,175	2,580	553	—
Total non-U.S. debt securities	4,152	13,680	1,062	4,702
State and political subdivisions	669	2,938	3,048	1,464
Collateralized mortgage obligations	149	2,257	1,161	1,409
Other U.S. debt securities	225	4,060	747	33
Total	\$9,169	\$38,264	\$19,993	\$31,562
Held to maturity:				
U.S. Treasury and federal agencies:				
Direct obligations	\$—	\$—	\$5,000	\$—
Mortgage-backed securities	—	25	26	63
Asset-backed securities				
Student loans	—	154	170	970
Credit cards	—	10	58	—
Other	—	541	342	6
Total asset-backed securities	—	705	570	976
Non-U.S. debt securities:				
Mortgage-backed securities	57	823	—	2,929
Asset-backed securities	65	1,055	47	—
Government securities	15	—	—	—
Other	—	179	—	5
Total non-U.S. debt securities	137	2,057	47	2,934
State and political subdivisions	50	16	—	—
Collateralized mortgage obligations	140	1,208	379	1,135
Total	\$327	\$4,011	\$6,022	\$5,108

The maturities of asset-backed securities, mortgage-backed securities and collateralized mortgage obligations are based on expected principal payments.



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following table presents realized gains and losses related to investment securities for the periods indicated:

(In millions)	Three Months		Six Months	
	Ended June 30,		Ended June 30,	
	2013	2012	2013	2012
Gross realized gains from sales of available-for-sale securities	\$30	\$32	\$87	\$51
Gross realized losses from sales of available-for-sale securities <sup>(1)</sup>	(30 )	(46 )	(82 )	(46 )
Gross losses from other-than-temporary impairment	—	(21 )	—	(46 )
Losses reclassified (from) to other comprehensive income	(7 )	8	(10 )	25
Net impairment losses recognized in consolidated statement of income	(7 )	(13 )	(10 )	(21 )
Gains (losses) related to investment securities, net	\$(7 )	\$(27 )	\$(5 )	\$(16 )
Impairment associated with expected credit losses	\$—	\$(9 )	\$—	\$(13 )
Impairment associated with management's intent to sell impaired securities prior to recovery in value	(6 )	—	(6 )	—
Impairment associated with adverse changes in timing of expected future cash flows	(1 )	(4 )	(4 )	(8 )
Net impairment losses recognized in consolidated statement of income	\$(7 )	\$(13 )	\$(10 )	\$(21 )

<sup>(1)</sup> In the three months ended June 30, 2012, we sold all of our Greek securities, which had an aggregate carrying value of approximately \$91 million, and recorded a pre-tax loss of \$46 million in our consolidated statement of income.

The following table presents activity with respect to net impairment losses for the periods indicated:

(In millions)	Six Months Ended	
	June 30,	
	2013	2012
Beginning balance	\$124	\$113
Plus losses for which other-than-temporary impairment was not previously recognized	6	2
Plus losses for which other-than-temporary impairment was previously recognized	4	19
Less previously recognized losses related to securities sold or matured	(9 )	(20 )
Ending balance	\$125	\$114

## Impairment:

We conduct periodic reviews of individual securities to assess whether other-than-temporary impairment exists. Impairment exists when the current fair value of an individual security is below its amortized cost basis. When the decline in the security's fair value is deemed to be other than temporary, the loss is recorded in our consolidated statement of income. In addition, for debt securities available for sale and held to maturity, impairment is recorded in our consolidated statement of income when management intends to sell (or may be required to sell) the securities before they recover in value, or when management expects the present value of cash flows expected to be collected from the securities to be less than the amortized cost of the impaired security (a credit loss).

Our review of impaired securities generally includes:

- the identification and evaluation of securities that have indications of potential other-than-temporary 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 collectibility of those future cash flows, including information about past events, current conditions and reasonable and supportable forecasts;
- the analysis of the underlying collateral for mortgage- and asset-backed securities;



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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

the analysis of individual impaired securities, including consideration of the length of time the security has been in an unrealized loss position, the anticipated recovery period, and the magnitude of the overall price decline; discussion and evaluation of factors or triggers that could cause individual securities to be deemed other-than-temporarily impaired and those that would not support other-than-temporary impairment; and documentation of the results of these analyses.

Factors considered in determining whether impairment is other than temporary include:

- certain macroeconomic drivers;
- certain industry-specific drivers;
- the length of time the security has been impaired;
- the severity of the impairment;
- the cause of the impairment and the financial condition and near-term prospects of the issuer;
- activity in the market with respect to the issuer's securities, which may indicate adverse credit conditions; and
- our intention not to sell, and the likelihood that we will not be required to sell, the security for a period of time sufficient to allow for recovery in value.

Substantially all of our investment securities portfolio is composed of debt securities. A critical component of the evaluation of other-than-temporary 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.

Debt securities that are not deemed to be credit-impaired are subject to additional management analysis to assess whether management intends to sell, or, more likely than not, would be required to sell, the security before the expected recovery to its amortized cost basis.

The following describes our process for identifying credit impairment in security types with the most significant unrealized losses as of June 30, 2013.

**U.S. Agency Residential Mortgage-Backed Securities**

Our portfolio of U.S. agency residential mortgage-backed securities receives the implicit or explicit backing of the U.S. government in conjunction with specified financial support of the U.S. Treasury. We recorded no other-than-temporary impairment on these securities in our consolidated statement of income in the three and six months ended June 30, 2013 or the three and six months ended June 30, 2012. The unrealized losses on these securities as of June 30, 2013 were primarily attributable to changes in interest rates in the three months ended June 30, 2013.

**U.S. Non-Agency Residential Mortgage-Backed Securities**

For U.S. non-agency residential mortgage-backed securities, other-than-temporary impairment related to credit is assessed using cash-flow models, tailored for each security, that estimate the future cash flows from the underlying mortgages, using the security-specific collateral and transaction structure. Estimates of future cash flows are subject to management judgment. The future cash flows and performance of our portfolio of U.S. mortgage-backed securities are a function of a number of factors, including, but not limited to, the condition of the U.S. economy, the condition of the U.S. residential mortgage markets, and the level of loan defaults, prepayments and loss severities. Management's estimates of future losses for each security also consider the underwriting and historical performance of each specific security, the underlying collateral type, vintage, borrower profile, third-party guarantees, current levels of subordination, geography and other factors.

We recorded no other-than-temporary impairment on these securities in our consolidated statement of income in the three and six months ended June 30, 2013. Such impairment losses were \$3 million and \$7 million, all associated with expected credit losses, in the three and six months ended June 30, 2012, respectively.

**Asset-Backed Securities - Student Loans**

Asset-backed securities collateralized by student loans are primarily composed of securities collateralized by Federal Family Education Loan Program, or FFELP, loans. FFELP loans benefit from a federal government guarantee of at

least 97% of defaulted principal and accrued interest, with additional credit support provided in the form of overcollateralization, subordination and excess spread, which collectively total in excess of 100%. Accordingly, the vast majority of FFELP loan-backed securities are protected from traditional consumer credit risk.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

We recorded no other-than-temporary impairment on these securities in our consolidated statement of income in the three and six months ended June 30, 2013 or the three and six months ended June 30, 2012. The gross unrealized losses in our FFELP loan-backed securities portfolio as of June 30, 2013 were primarily attributable to lower liquidity and the lower spreads on these securities relative to those associated with more current issuances. When evaluating impairment of these securities, we consider, among many other factors, the strength of the U.S. government guarantee, the performance of the underlying collateral, and the remaining average term of the FFELP loan-backed securities portfolio, which was approximately 5.1 years as of June 30, 2013. In addition, our total exposure to private student loan-backed securities was less than \$900 million as of June 30, 2013. Our evaluation of impairment of these securities considers, among other factors, the impact of high unemployment rates on the collateral performance of private student loans.

**Non-U.S. Mortgage- and Asset-Backed Securities**

Non-U.S. mortgage- and asset-backed securities are primarily composed of U.K., Australian and Dutch securities collateralized by residential mortgages and German securities collateralized by auto loans and leases. Our evaluation of impairment considers the location of the underlying collateral, collateral enhancement and structural features, expected credit losses under base-case and stressed conditions and the macroeconomic outlook for the country in which the collateral is located, including housing prices and unemployment. Where appropriate, any potential loss after consideration of the above-referenced factors is further evaluated to determine whether any other-than-temporary impairment exists.

In both the three and six months ended June 30, 2013, we recorded other-than-temporary impairment of \$6 million on one of these securities (refer to the following paragraph), all associated with management's intent to sell the impaired security prior to its recovery in value. In addition, in the three and six months ended June 30, 2013, we recorded other-than-temporary impairment of \$1 million and \$4 million, respectively, on non-U.S. mortgage-backed securities, all associated with adverse changes in the timing of expected future cash flows from the securities. During the three and six months ended June 30, 2012, we recorded other-than-temporary impairment of \$10 million and \$14 million, respectively, substantially related to non-U.S. mortgage-backed securities, with \$6 million in both periods (refer to the following paragraph) associated with expected credit losses and \$4 million and \$8 million, respectively, associated with adverse changes in the timing of expected future cash flows from the securities.

Our aggregate exposure to Spain, Italy, Ireland and Portugal totaled approximately \$556 million as of June 30, 2013. We had no direct sovereign debt exposure to any of these countries as of that date, but we had indirect exposure consisting of mortgage- and asset-backed securities, composed of \$261 million in Spain, \$106 million in Italy, \$114 million in Ireland and \$75 million in Portugal. As of June 30, 2013, these securities had an aggregate pre-tax net unrealized gain of approximately \$33 million, composed of gross unrealized gains of \$58 million and gross unrealized losses of \$25 million. We recorded the above-mentioned other-than-temporary impairment of \$6 million on one of these securities in the three and six months ended June 30, 2013, all associated with management's intent to sell the impaired security prior to its recovery in value. We recorded the above-mentioned other-than-temporary impairment of \$6 million on certain of these securities in both the three and six months ended June 30, 2012, associated with expected credit losses.

Our evaluation of potential other-than-temporary impairment of these securities takes into account government intervention in the corresponding mortgage markets and assumes a negative baseline macroeconomic environment for this region, due to a combination of slower economic growth and continued government austerity measures. Our baseline view assumes a recessionary period characterized by high unemployment and by additional housing price declines of between 9% and 18% across these four countries. Our evaluation of other-than-temporary impairment in our base case does not assume a disorderly sovereign-debt restructuring or a break-up of the Eurozone. In addition, stress testing and sensitivity analysis is performed in order to understand the impact of more severe assumptions on potential other-than-temporary impairment.

**State and Political Subdivisions and Other U.S. Debt Securities**



Our municipal securities portfolio primarily includes securities issued by U.S. states and their municipalities. Our other U.S. debt securities portfolio is primarily composed of securities issued by U.S. corporations. A portion of this portfolio is held in connection with our tax-exempt investment program, more fully described in note 9. The gross unrealized losses in each portfolio as of June 30, 2013 were primarily attributable to changes in interest rates in the three months ended June 30, 2013. When evaluating impairment of a security in these portfolios, we may consider, among other factors, adverse conditions specifically related to the industry, geographic area or financial condition of the issuer; the structure of the security, including collateral, if any, and payment schedule; rating agency changes to the security's credit rating; the volatility of the fair value changes; and our intent and ability to hold the security until its recovery in value. If the impairment of the security is credit-related, we estimate the future cash flows from the security, tailored to the security and considering the above-described factors, and any resulting other-than-temporary impairment is recorded in our consolidated statement of income. We recorded no other-than-temporary impairment on these securities in the three and six months ended June 30, 2013 and June 30, 2012, respectively.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

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The estimates, assumptions and other risk factors utilized in our evaluation of impairment as described above are used by management to identify securities which are subject to further analysis of potential credit losses. Additional analyses are performed using more severe assumptions to further evaluate the sensitivity of losses relative to the above-described factors. However, since the assumptions are based on the unique characteristics of each security, management uses a range of point estimates for prepayment speeds and housing prices that reflect the collateral profile of the securities within each asset class. In addition, in measuring expected credit losses, the individual characteristics of each security are examined to determine whether any additional factors would increase or mitigate the expected loss. Once losses are determined, the timing of the loss will also affect the ultimate other-than-temporary impairment, since the loss is ultimately subject to a discount commensurate with the purchase yield of the security. In the aggregate, we recorded other-than-temporary impairment of \$7 million and \$10 million in the three and six months ended June 30, 2013, respectively, compared to \$13 million and \$21 million in the three and six months ended June 30, 2012, respectively. Of the \$7 million and \$10 million recorded in the three and six months ended June 30, 2013, \$6 million resulted from management's intent to sell an impaired security prior to its recovery in value, and \$1 million and \$4 million, respectively, resulted from adverse changes in the timing of expected future cash flows from the securities. Of the \$13 million and \$21 million recorded in the six months ended June 30, 2012, \$9 million, and \$13 million, respectively, related to expected credit losses, and \$4 million and \$8 million, respectively, resulted from adverse changes in the timing of expected future cash flows from the securities.

After a review of the investment portfolio, taking into consideration 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 mortgage- and asset-backed securities and other relevant factors, and excluding other-than-temporary impairment recorded in the six months ended June 30, 2013, management considers the aggregate decline in fair value of the investment securities portfolio and the resulting gross pre-tax unrealized losses of \$1.63 billion related to 2,738 securities as of June 30, 2013 to be temporary, and not the result of any material changes in the credit characteristics of the securities.

## Note 4. Loans and Leases

The following table presents our recorded investment in loans and leases, by segment and class, as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Institutional:		
Investment funds:		
U.S.	\$10,871	\$ 8,376
Non-U.S.	2,438	829
Commercial and financial:		
U.S.	721	613
Non-U.S.	802	520
Purchased receivables:		
U.S.	248	276
Non-U.S.	75	118
Lease financing:		
U.S.	359	380
Non-U.S.	752	784
Total institutional	16,266	11,896
Commercial real estate:		

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U.S.	165	411
Total loans and leases	16,431	12,307
Allowance for loan losses	(22 )	(22 )
Loans and leases, net of allowance for loan losses	\$16,409	\$ 12,285

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Aggregate short-duration advances to our clients included in the investment-funds and commercial-and-financial classes in the institutional segment were \$6.18 billion and \$3.30 billion as of June 30, 2013 and December 31, 2012, respectively.

The following tables present our recorded investment in each class of loans and leases by credit quality indicator as of the dates indicated:

June 30, 2013 (In millions)	Institutional			Commercial Real Estate			Total Loans and Leases
	Investment Funds	Commercial and Financial	Purchased Receivables	Lease Financing	Property Development	Other	
Investment grade	\$12,942	\$1,445	\$323	\$1,076	\$—	\$29	\$15,815
Speculative	367	57	—	35	131	5	595
Special mention	—	21	—	—	—	—	21
Total	\$13,309	\$1,523	\$323	\$1,111	\$131	\$34	\$16,431

December 31, 2012 (In millions)	Institutional			Commercial Real Estate			Total Loans and Leases
	Investment Funds	Commercial and Financial	Purchased Receivables	Lease Financing	Property Development	Other	
Investment grade	\$8,937	\$1,041	\$394	\$1,137	\$—	\$29	\$11,538
Speculative	268	92	—	27	377	5	769
Total	\$9,205	\$1,133	\$394	\$1,164	\$377	\$34	\$12,307

Loans and leases are categorized in the rating categories presented in the table above that align with our internal risk-rating framework. Management considers the ratings to be current as of June 30, 2013. We use an internal risk-rating system to assess our risk of credit loss for each loan or lease. 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.

In assessing the risk rating assigned to each individual loan or lease, 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 sources 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.

The following table presents our recorded investment in loans and leases, disaggregated based on our impairment methodology, as of the dates indicated:

(In millions)	June 30, 2013			December 31, 2012		
	Institutional	Commercial Real Estate	Total Loans and Leases	Institutional	Commercial Real Estate	Total Loans and Leases
Loans and leases:						
Individually evaluated for impairment	\$11	\$136	\$147	\$11	\$411	\$422
Collectively evaluated for impairment <sup>(1)</sup>	16,255	29	16,284	11,885	—	11,885
Total	\$16,266	\$165	\$16,431	\$11,896	\$411	\$12,307

<sup>(1)</sup> As of both June 30, 2013 and December 31, 2012, the entire \$22 million allowance for loan losses was related to institutional loans collectively evaluated for impairment.



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following tables present information related to our recorded investment in impaired loans and leases as of the dates, or for the periods, indicated:

(In millions)	June 30, 2013			December 31, 2012		
	Recorded Investment	Unpaid Principal Balance	Related Allowance <sup>(1)</sup>	Recorded Investment	Unpaid Principal Balance	Related Allowance <sup>(1)</sup>
With no related allowance recorded:						
CRE—property development	\$ 130	\$ 143	\$ —	\$ 197	\$ 224	\$ —
CRE—property development—acquired credit-impaired	—	34	—	—	34	—
CRE—other—acquired credit-impaired	—	21	—	—	64	—
Total CRE	\$ 130	\$ 198	\$ —	\$ 197	\$ 322	\$ —

<sup>(1)</sup> As of both June 30, 2013 and December 31, 2012, we maintained an allowance for loan losses of \$22 million associated with loans and leases that were not impaired.

(In millions)	Three Months Ended June 30,				Six Months Ended June 30,			
	Average Recorded Investment		Interest Revenue Recognized		Average Recorded Investment		Interest Revenue Recognized	
	2013	2012	2013	2012	2013	2012	2013	2012
With no related allowance recorded:								
CRE—property development	\$ 148	\$ 199	\$ 10	\$ 4	\$ 166	\$ 199	\$ 14	\$ 8
CRE—other—acquired credit-impaired	—	6	—	—	—	23	—	—
With an allowance recorded:								
CRE—other—acquired credit-impaired	—	—	—	—	—	—	—	—
Total CRE	\$ 148	\$ 205	\$ 10	\$ 4	\$ 166	\$ 222	\$ 14	\$ 8

As of both June 30, 2013 and December 31, 2012, we held an aggregate of approximately \$130 million and \$197 million, respectively, of commercial real estate, or CRE, loans which were modified in troubled debt restructurings.

No impairment loss was recognized upon restructuring of the loans, as the discounted cash flows of the modified loans exceeded the carrying amount of the original loans as of the modification date. During the six months ended June 30, 2013 and the year ended December 31, 2012, no loans were modified in troubled debt restructurings.

The following table presents activity in the allowance for loan losses for the periods indicated:

(In millions)	Three Months Ended June 30,			2012		
	2013	Commercial Real Estate	Total Loans and Leases	Institutional	Commercial Real Estate	Total Loans and Leases
Allowance for loan losses:						
Beginning balance	\$ 22	\$ —	\$ 22	\$ 22	\$ —	\$ 22
Provisions	—	—	—	—	(1 )	(1 )
Recoveries	—	—	—	—	1	1
Ending balance	\$ 22	\$ —	\$ 22	\$ 22	\$ —	\$ 22
(In millions)	Six Months Ended June 30,			2012		
	2013	Commercial Real Estate	Total Loans and Leases	Institutional	Commercial Real Estate	Total Loans and Leases
Allowance for loan losses:						
Beginning balance	\$ 22	\$ —	\$ 22	\$ 22	\$ —	\$ 22
Provisions	—	—	—	—	(1 )	(1 )
Recoveries	—	—	—	—	1	1
Ending balance	\$ 22	\$ —	\$ 22	\$ 22	\$ —	\$ 22

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Beginning balance	\$22	\$—	\$ 22	\$22	\$—	\$22
Provisions	—	—	—	—	(1	) (1
Recoveries	—	—	—	—	1	1
Ending balance	\$22	\$—	\$ 22	\$22	\$—	\$22

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

Loans and leases are reviewed on a regular basis, and any provisions for loan 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 estimated incurred losses in the loan-and-lease portfolio.

## Note 5. Goodwill and Other Intangible Assets

The following table presents changes in the carrying amount of goodwill during the periods indicated:

(In millions)	Six Months Ended June 30, 2013			2012		
	Investment Servicing	Investment Management	Total	Investment Servicing	Investment Management	Total
Beginning balance	\$5,941	\$36	\$5,977	\$5,610	\$35	\$5,645
Divestitures	(7	) —	(7	) —	—	—
Foreign currency translation, net	(45	) (1	) (46	) (34	) —	(34
Ending balance	\$5,889	\$35	\$5,924	\$5,576	\$35	\$5,611

The following table presents changes in the net carrying amount of other intangible assets during the periods indicated:

(In millions)	Six Months Ended June 30, 2013			2012		
	Investment Servicing	Investment Management	Total	Investment Servicing	Investment Management	Total
Beginning balance	\$2,492	\$47	\$2,539	\$2,408	\$51	\$2,459
Divestitures	(5	) —	(5	) —	—	—
Amortization	(102	) (5	) (107	) (96	) (3	) (99
Foreign currency translation, net	(19	) (2	) (21	) (25	) (1	) (26
Ending balance	\$2,366	\$40	\$2,406	\$2,287	\$47	\$2,334

The following table presents the gross carrying amount, accumulated amortization and net carrying amount of other intangible assets by type as of the dates indicated:

(In millions)	June 30, 2013			December 31, 2012		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Client relationships	\$2,618	\$(859	) \$1,759	\$2,653	\$(755	) \$1,898
Core deposits	703	(170	) 533	706	(192	) 514
Other	242	(128	) 114	244	(117	) 127
Total	\$3,563	\$(1,157	) \$2,406	\$3,603	\$(1,064	) \$2,539



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

## Note 6. Other Assets and Other Liabilities

## Other Assets:

The following table presents the components of other assets as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Collateral deposits, net	\$12,251	\$7,649
Unrealized gains on derivative financial instruments, net	6,135	4,556
Bank-owned life insurance	2,014	2,000
Receivable for securities sold	1,666	1
Investments in joint ventures and other unconsolidated entities	1,391	1,405
Accounts receivable	1,214	511
Income taxes receivable	346	252
Deferred tax assets, net of valuation allowance	315	353
Prepaid expenses	297	267
Receivable for securities settlement	194	33
Deposits with clearing organizations	167	174
Other <sup>(1)</sup>	612	815
Total	\$26,602	\$18,016

<sup>(1)</sup> Included other real estate owned of approximately \$57 million and \$65 million, respectively.

## Accrued Expenses and Other Liabilities:

Accrued expenses and other liabilities as of June 30, 2013 and December 31, 2012 included \$5.87 billion and \$4.99 billion, respectively, of collateral received from clients in connection with our participation in principal securities finance transactions.

## Note 7. Long-Term Debt

In May 2013, we issued an aggregate of \$1.50 billion of long-term debt, composed of \$500 million of 1.35% senior notes due May 15, 2018 and \$1.0 billion of 3.1% subordinated notes due May 15, 2023. Interest on the 1.35% senior notes and the 3.1% subordinated notes is payable semi-annually in arrears on May 15 and November 15 of each year, beginning on November 15, 2013. The 3.1% subordinated notes qualify for inclusion in tier 2 regulatory capital under federal regulatory capital guidelines.

## Note 8. Commitments, Guarantees and Contingencies

## Commitments:

We had unfunded off-balance sheet commitments to extend credit totaling \$18.45 billion and \$17.86 billion as of June 30, 2013 and December 31, 2012, respectively. The potential losses associated with these commitments equal the gross contractual amounts, and do not consider the value of any collateral. Approximately 76% of our unfunded commitments to extend credit expire within one year from the date of issue. Since many of these commitments are expected to expire or renew without being drawn upon, the gross contractual amounts do not necessarily represent future cash requirements.

## Guarantees:

Off-balance sheet guarantees are composed of indemnified securities financing, stable value protection, unfunded commitments to purchase assets, and standby letters of credit. The potential losses associated with these guarantees equal the gross contractual amounts, and do not consider the value of any collateral. The following table presents the aggregate gross contractual amounts of off-balance sheet guarantees as of the dates indicated. Amounts presented do not reflect participations to independent third parties.



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

(In millions)	June 30, 2013	December 31, 2012
Indemnified securities financing	\$319,407	\$302,341
Stable value protection	28,440	33,512
Asset purchase agreements	4,811	5,063
Standby letters of credit	3,994	4,552

## 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 equal to or in excess of 100% of the fair market value of the securities borrowed. Securities on loan are revalued daily to determine if additional collateral is necessary. 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 collateral held by us as agent is invested on behalf of our clients. In certain cases, the 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 equal to or 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 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)	June 30, 2013	December 31, 2012
Aggregate fair value of indemnified securities financing	\$319,407	\$302,341
Aggregate fair value of cash and securities held by us, as agent, as collateral for indemnified securities financing	330,675	312,223
Aggregate fair value of collateral for indemnified securities financing invested in indemnified repurchase agreements	85,398	80,224
Aggregate fair value of cash and securities held by us or our agents as collateral for investments in indemnified repurchase agreements	90,703	85,411

In certain cases, we participate in securities finance transactions as a principal. As principal, we borrow securities from the lending client and then lend such securities to the subsequent borrower, either a State Street client or a broker/dealer. Collateral provided and received in connection with such transactions is recorded in other assets and accrued expenses and other liabilities, respectively, in our consolidated statement of condition. As of June 30, 2013 and December 31, 2012, we had approximately \$9.89 billion and \$6.83 billion, respectively, of collateral provided and approximately \$5.87 billion and \$4.99 billion, respectively, of collateral received from clients in connection with our participation in principal securities finance transactions.

## Stable Value Protection

In the normal course of our business, we offer products that provide book-value protection, primarily to plan participants in stable value funds managed by non-affiliated investment managers of post-retirement defined contribution benefit plans, particularly 401(k) plans. The book-value protection is provided on portfolios of intermediate, investment grade fixed-income securities, and is intended to provide safety and stable growth of principal invested. The protection is intended to cover any shortfall in the event that a significant number of plan participants withdraw funds when book value exceeds market value and the liquidation of the assets is not sufficient to redeem the participants. The investment parameters of the underlying portfolios, combined with structural protections, are designed to provide cushion and guard against payments even under extreme stress scenarios.

These contingencies are individually accounted for as derivative financial instruments. The notional amounts of these contingencies are presented as “derivatives not designated as hedging instruments” in the table of aggregate notional amounts of derivative financial instruments provided in note 11. As of June 30, 2013, we have not made a payment under these contingencies that we consider material to our consolidated financial condition, and management believes that the probability of payment under these contingencies in the future, that we would consider material to our consolidated financial condition, is remote.

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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Contingencies:

Legal Proceedings

In the ordinary course of business, we and our subsidiaries are involved in disputes, litigation and regulatory inquiries and investigations, both pending and threatened. These matters, if resolved adversely against us, may result in monetary damages, fines and penalties or require changes in our business practices. The resolution 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 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 a reserve 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 proceedings on a case-by-case basis. When we have a liability that we deem probable and can be reasonably estimated as of the date of our consolidated financial statements, we accrue for our estimate of the loss. We may also establish a reserve if we determine that the cost of litigation can be avoided through a settlement. Once established, a reserve is subject to subsequent adjustment as a result of additional information. The resolution of proceedings and a range of reasonably estimable loss are inherently difficult to predict, especially in the early stages of proceedings. Even if a loss is probable, due to many complex factors, such as speed of discovery and the timing of court decisions or rulings, a range of loss might not be reasonably estimated until the later stages of the proceeding.

To the extent that we have established reserves in our consolidated statement of condition for probable loss contingencies, such reserves may not be sufficient to cover our ultimate financial exposure associated with any settlements or judgments. We may be subject to proceedings in the future that, if adversely resolved, would have a material adverse effect on our businesses or on our future consolidated financial statements. Except where otherwise noted below, we have not established reserves with respect to the claims discussed and do not believe that potential exposure is either probable or can be reasonably estimated.

SSgA

We are currently defending two related ERISA class actions by investors in unregistered SSgA-managed collective trust funds and common trust funds which challenge the division of our securities lending-related revenue between those funds and State Street in its role as lending agent. The first action alleges, among other things, that State Street breached its fiduciary duty to investors in those funds. The plaintiff contends that other State Street agency lending clients received more favorable fee splits than did the SSgA lending funds. In August 2012, the Court certified a class consisting of ERISA plans that invested in SSgA collective trust funds between April 2004 and the present. The second action, filed in January 2013, challenges the division of our securities lending-related revenue between common trust funds and State Street in its role as lending agent. It alleges, among other things, that State Street breached its fiduciary duty under ERISA and state common law to investors in those funds. We have established a reserve of \$15 million in connection with these matters.

Securities Finance

Two related participants in our agency securities lending program have brought suit against us challenging actions taken by us in response to their withdrawal from the program. We believe that certain withdrawals by these participants were inconsistent with the redemption policy applicable to the agency lending collateral pools and, consequently, redeemed their remaining interests through an in-kind distribution that reflected the assets these participants would have received had they acted in accordance with the collateral pools' redemption policy. The participants have asserted damages of \$120 million, an amount that plaintiffs have stated was the difference between the amortized cost and market value of the assets that State Street proposed to distribute to the plans in-kind on or about August 2009. While management does not believe that such difference is an appropriate measure of damages, as of September 30, 2010, the last date on which State Street acted as custodian for the participants, the difference between the amortized cost and market value of the in-kind distribution was approximately \$49 million, and if such

securities were still held by the participants on such date, the difference would have been approximately \$10.8 million as of June 28, 2013. In taking these actions, we believe that we acted in the best interests of all participants in the collateral pools. We have established a reserve of \$10 million in connection with this matter.

Foreign Exchange

We offer our custody clients and their investment managers the option to route foreign exchange transactions to our foreign exchange desk through our asset servicing operation. We record as revenue an amount approximately equal to the difference between the rates we set for those trades and indicative interbank market rates at the time of settlement of the trade. As discussed more fully below, claims have been asserted on behalf of certain current and former custody clients, and future claims may be asserted, alleging that our indirect foreign exchange rates (including the differences between those rates and

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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

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indicative interbank market rates at the time we executed the trades) were not adequately disclosed or were otherwise improper, and seeking to recover, among other things, the full amount of the revenue we obtained from our indirect foreign exchange trading with them.

In October 2009, the Attorney General of the State of California commenced an action under the California False Claims Act and California Business and Professional Code related to services State Street provides to California state pension plans. The California Attorney General asserts that the pricing of certain foreign exchange transactions for these pension plans was governed by the custody contracts for these plans and that our pricing was not consistent with the terms of those contracts and related disclosures to the plans, and that, as a result, State Street made false claims and engaged in unfair competition. The Attorney General asserts actual damages of approximately \$100 million for periods from 2001 to 2009 and seeks additional penalties, including treble damages. This action is in the discovery phase.

In October 2010, we entered into a \$12 million settlement with the State of Washington. This settlement resolves a contract dispute related to the manner in which we priced some foreign exchange transactions during our ten-year relationship with the State of Washington. Our contractual obligations and related disclosures to the State of Washington were significantly different from those presented in our ongoing litigation in California.

We provide custody and principal foreign exchange services to government pension plans in other jurisdictions. Since the commencement of the litigation in California, attorneys general and other governmental authorities from a number of jurisdictions, as well as U.S. Attorney's offices, the U.S. Department of Labor and the SEC, have requested information or issued subpoenas in connection with inquiries into the pricing of our foreign exchange services. We continue to respond to such inquiries and subpoenas.

We offer indirect foreign exchange services such as those we offer to the California pension plans to a broad range of custody clients in the U.S. and internationally. We have responded and are responding to information requests from a number of clients concerning our indirect foreign exchange rates. In February 2011, a putative class action was filed in federal court in Boston seeking unspecified damages, including treble damages, on behalf of all custodial clients that executed certain foreign exchange transactions with State Street from 1998 to 2009. The putative class action alleges, among other things, that the rates at which State Street executed foreign currency trades constituted an unfair and deceptive practice under Massachusetts law and a breach of the duty of loyalty.

Two other putative class actions are currently pending in federal court in Boston alleging various violations of ERISA on behalf of all ERISA plans custodied with us that executed indirect foreign exchange transactions with State Street from 1998 onward. The complaints allege that State Street caused class members to pay unfair and unreasonable rates for indirect foreign exchange transactions with State Street. The complaints seek unspecified damages, disgorgement of profits, and other equitable relief.

We have not established a reserve with respect to any of the pending legal proceedings related to our indirect foreign exchange services. We cannot provide any assurance as to the outcome of the pending proceedings, or whether other proceedings might be commenced against us by clients or government authorities. We expect that plaintiffs will seek to recover their share of all or a portion of the revenue that we have recorded from providing indirect foreign exchange services.

Our estimated total revenue worldwide from such services was approximately \$150 million for the six months ended June 30, 2013, approximately \$248 million for the year ended December 31, 2012, approximately \$331 million for the year ended December 31, 2011, approximately \$336 million for the year ended December 31, 2010, approximately \$369 million for the year ended December 31, 2009 and approximately \$462 million for the year ended December 31, 2008. Although we did not calculate revenue for such services prior to 2006 in the same manner, and have refined our calculation method over time, we believe that the amount of our revenue for such services has been of a similar or lesser order of magnitude for many years. Our revenue calculations related to indirect foreign exchange services reflect a judgment concerning the relationship between the rates we charge for indirect foreign exchange execution and indicative interbank market rates near in time to execution. Our revenue from foreign exchange trading generally

depends on the difference between the rates we set for indirect trades and indicative interbank market rates on the date trades settle.

We cannot predict the outcome of any pending matters or whether a court, in the event of an adverse resolution, would consider our revenue to be the appropriate measure of damages.

#### Shareholder Litigation

Four shareholder-related complaints are currently pending in federal court in Boston. One complaint purports to be a class action on behalf of State Street shareholders. A second complaint is a purported shareholder derivative action on behalf of State Street. The two other complaints purport to be class actions on behalf of participants and beneficiaries in the State Street Salary Savings Program who invested in the program's State Street common stock investment option. The complaints



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variously allege violations of the federal securities laws, common law and ERISA in connection with our foreign exchange trading business, our investment securities portfolio and our asset-backed commercial paper conduit program. We have not established a reserve with respect to these matters.

Transition Management

In 2011, we identified a limited number of instances in which clients of our U.K. transition management businesses had been intentionally charged amounts in excess of the contractual terms. We conducted an investigation of such business with the assistance of external counsel and accounting firms; and we notified and have reimbursed the limited number of clients which we identified as having been intentionally overcharged. We also reported this matter to the U.K. Financial Conduct Authority, or FCA, and are cooperating with them and the SEC in connection with this matter. We have established reserves in an aggregate amount of \$8.5 million for indemnification costs and the potential for a financial penalty in connection with a resolution of this matter with the FCA.

Investment Servicing

State Street is named as a defendant in a series of related complaints by investment management clients of TAG Virgin Islands, Inc., or TAG, who hold or held custodial accounts with State Street. The complaints, collectively, allege various claims in connection with certain assets managed by TAG and custodied with State Street. The complaints included a consolidated putative class action complaint which was dismissed in March 2013 without prejudice to the plaintiff's ability to file a new complaint. We have established a reserve of \$9 million in connection with these matters.

Income Taxes

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. Unrecognized tax benefits totaled approximately \$95 million as of both June 30, 2013 and December 31, 2012.

The Internal Revenue Service, or IRS, is currently reviewing our U.S. income tax returns for the tax years 2010 and 2011. Management believes that we have sufficiently accrued liabilities as of June 30, 2013 for tax exposures, including, but not limited to, exposures related to the review by the IRS of the tax years 2010 and 2011.

Note 9. Variable Interest Entities

Asset-Backed Investment Securities:

We invest in various forms of asset-backed securities, which we carry in our investment securities portfolio. These asset-backed securities meet the GAAP definition of asset securitization entities, which are considered to be VIEs as defined by GAAP. We are not considered to be the primary beneficiary of these VIEs, as defined by GAAP, since we do not have control over their activities. Additional information about our asset-backed securities is provided in note 3.

Tax-Exempt Investment Program:

In the normal course of our business, we structure and sell certificated interests in pools of tax-exempt investment-grade assets, principally to our mutual fund clients. We structure these pools as partnership trusts, and the assets and liabilities of the trusts are recorded in our consolidated statement of condition as investment securities available for sale and other short-term borrowings. We may also provide liquidity and re-marketing services to the trusts. As of June 30, 2013 and December 31, 2012, we carried investment securities available for sale, composed of securities related to state and political subdivisions, with a fair value of \$2.42 billion and \$2.68 billion, respectively, and other short-term borrowings of \$2.01 billion and \$2.15 billion, respectively, in our consolidated statement of condition in connection with these trusts.

We transfer assets to the trusts from our investment securities portfolio at adjusted book value, and the trusts finance the acquisition of these assets by selling certificated interests issued by the trusts to third-party investors and to State Street as residual holder. These transfers do not meet the de-recognition criteria defined by GAAP, and therefore, are recorded in our consolidated financial statements. The trusts had a weighted-average life of approximately 6.8 years as

of June 30, 2013, compared to approximately 6.9 years as of December 31, 2012.

Under separate legal agreements, we provide standby bond-purchase agreements to these trusts and, with respect to certain securities, letters of credit. Our commitments to the trusts under these standby bond-purchase agreements and letters of credit totaled \$2.05 billion and \$666 million, respectively, as of June 30, 2013, none of which was utilized at period-end. In the event that our obligations under these agreements are triggered, no material impact to our consolidated results of operations or financial condition is expected to occur, because the securities are already recorded at fair value in our consolidated statement of condition.

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## STATE STREET CORPORATION

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## (UNAUDITED)

## Note 10. Shareholders' Equity

In March 2013, our Board of Directors approved a program authorizing the purchase by us of up to \$2.10 billion of our common stock through March 31, 2014. In the three months ended June 30, 2013, under this program, we purchased approximately 8.5 million shares of our common stock at an average cost of \$65.73 per share and an aggregate cost of approximately \$560 million. No shares were purchased by us under this program in the three months ended March 31, 2013. As of June 30, 2013, approximately \$1.54 billion of our common shares remained available for purchase under the March 2013 program.

In the three months ended March 31, 2013, we purchased approximately 6.5 million shares of our common stock at an average cost of \$54.95 per share and an aggregate cost of approximately \$360 million, under a previous Board-approved program which ended on March 31, 2013.

In the six months ended June 30, 2013, under both programs, we purchased in the aggregate approximately 15 million shares of our common stock at an average per-share cost of \$61.04 and an aggregate cost of approximately \$920 million. Shares acquired in connection with our common stock purchase programs which remained unissued as of June 30, 2013 were recorded as treasury stock in our consolidated statement of condition as of June 30, 2013.

The following table presents the after-tax components of accumulated other comprehensive income (loss), or AOCI, as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Net unrealized gains on cash flow hedges	\$163	\$69
Net unrealized gains on available-for-sale securities portfolio	36	815
Net unrealized losses related to reclassified available-for-sale securities	(89)	(110)
Net unrealized gains (losses) on available-for-sale securities	(53)	705
Net unrealized losses on available-for-sale securities designated in fair value hedges	(123)	(183)
Other-than-temporary impairment on available-for-sale securities related to factors other than credit	2	(3)
Net unrealized losses on hedges of net investments in non-U.S. subsidiaries	(14)	(14)
Other-than-temporary impairment on held-to-maturity securities related to factors other than credit	(54)	(65)
Unrealized losses on retirement plans	(275)	(283)
Foreign currency translation	(169)	134
Total	\$(523)	\$360

The following table presents changes in AOCI by component, net of related taxes, in the six months ended June 30:

(In millions)	Six Months Ended June 30, 2013						
	Net Unrealized Gains (Losses) on Cash Flow Hedges	Net Unrealized Gains (Losses) on Available-for-Sale Securities	Net Unrealized Losses on Hedges of Net Investments in Non-U.S. Subsidiaries	Other-Than-Temporary Impairment on Held-to-Maturity Securities	Unrealized Losses on Retirement Plans	Foreign Currency Translation	Total
Beginning balance	\$69	\$ 519	\$(14)	\$(65)	\$(283)	\$134	\$360
Other comprehensive income (loss) before reclassifications	92	(694)	—	9	(2)	(304)	(899)
	2	1	—	2	10	1	16

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Amounts reclassified out of  
AOCI

Other comprehensive income (loss)	94	(693	)	—	11	8	(303	)	(883	)			
Ending balance	\$ 163	\$ (174	)	\$ (14	)	\$ (54	)	\$ (275	)	\$ (169	)	\$ (523	)

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following table presents reclassifications out of AOCI in the three and six months ended June 30, 2013:

(In millions)	Amount Reclassified out of AOCI		Affected Line Item in Consolidated Statement of Income
	Three Months Ended June 30, 2013	Six Months Ended June 30, 2013	
Cash flow hedges:			
Interest-rate contracts, net of related taxes of \$1 and \$1, respectively	\$1	\$2	Net interest revenue
Available-for-sale securities:			
Net realized gains from sales of available-for-sale securities, net of related taxes of (\$2)	—	(3)	Net gains (losses) from sales of available-for-sale securities
Other-than-temporary impairment on available-for-sale securities related to factors other than credit, net of related taxes of \$2 and \$2, 4 respectively	4	4	Losses reclassified (from) to other comprehensive income
Held-to-maturity securities:			
Other-than-temporary impairment on held-to-maturity securities related to factors other than credit, net of related taxes of \$2	—	2	Losses reclassified (from) to other comprehensive income
Retirement plans:			
Amortization of actuarial losses, net of related taxes of \$3 and \$6, respectively	5	10	Compensation and employee benefits expense
Foreign currency translation:			
Sale of foreign entities, net of related taxes of \$1 and \$1, respectively	1	1	Processing fees and other revenue
Total reclassifications out of AOCI	\$11	\$16	

In the six months ended June 30, 2013, we realized net gains of \$5 million, or \$3 million net of related taxes as presented in the table above, from sales of available-for-sale securities. Unrealized pre-tax gains of \$15 million were included in AOCI as of December 31, 2012, net of deferred taxes of \$6 million, related to these sales. In the six months ended June 30, 2012, we realized net gains of \$5 million from sales of available-for-sale securities. Unrealized pre-tax gains of \$17 million were included in AOCI as of December 31, 2011, net of deferred taxes of \$7 million, related to these sales.

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CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

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Note 11. Derivative Financial Instruments

We use derivative financial instruments to support our clients' needs and to manage our interest-rate and currency risk. In undertaking these 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 and interest-rate swaps, interest-rate forward contracts and interest-rate futures.

Interest-rate contracts involve an agreement with a counterparty to exchange cash flows based on the movement of an underlying interest-rate index. An interest-rate swap agreement involves the exchange of a series of interest payments, at either a fixed or variable rate, based on the notional amount without the exchange of the underlying principal amount. An interest-rate option contract provides the purchaser, for a premium, the right, but not the obligation, to receive an interest rate based upon a predetermined notional amount during a specified period. An interest-rate futures contract is a commitment to buy or sell, at a future date, a financial instrument at a contracted price; it may be settled in cash or through the delivery of the contracted instrument.

Foreign exchange contracts involve an agreement to exchange one currency for another currency at an agreed-upon rate and settlement date. Foreign exchange contracts generally consist of foreign exchange forward and spot contracts, option contracts and cross-currency swaps. Future cash requirements, if any, related to foreign exchange contracts are represented by the gross amount of currencies to be exchanged under each contract unless we and the counterparty have agreed to pay or to receive the net contractual settlement amount on the settlement date.

Derivative financial instruments involve the management of interest-rate and foreign currency risk, and involve, to varying degrees, market risk and credit and counterparty risk (risk related to repayment). Market risk is defined by U.S. banking regulators 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 use a variety of risk management tools and methodologies to measure, monitor and manage the market risk associated with our trading activities. One such risk-management measure is Value-at-Risk, or VaR. VaR is an estimate of potential loss for a given period within a stated statistical confidence interval. We use a risk-measurement system to measure VaR daily. We have adopted standards for measuring VaR, and we maintain regulatory capital for market risk in accordance with currently applicable bank regulatory market risk capital guidelines.

Derivative financial instruments are also subject to credit and counterparty risk, which is defined as the risk of financial loss if a borrower or counterparty is either unable or unwilling to repay borrowings or settle a transaction in accordance with the underlying contractual terms. We manage credit and counterparty risk by performing credit reviews, maintaining individual counterparty limits, entering into netting arrangements and requiring the receipt of collateral. Collateral requirements are determined after a review of the creditworthiness of each counterparty, and the requirements are monitored and adjusted daily. Collateral is generally held in the form of cash or highly liquid U.S. government securities. We may be required to provide collateral to the counterparty in connection with our entry into derivative financial instruments. Cash collateral received from and provided to counterparties in connection with derivative financial instruments is recorded in accrued expenses and other liabilities and other assets, respectively, in our consolidated statement of condition. As of June 30, 2013 and December 31, 2012, we had recorded approximately \$1.26 billion and \$1.68 billion, respectively, of cash collateral received from counterparties and approximately \$3.25 billion and \$1.30 billion, respectively, of cash collateral provided to counterparties in connection with derivative financial instruments in our consolidated statement of condition.

We enter into master netting agreements with many of our derivative counterparties, and we have elected to net derivative assets and liabilities, including cash collateral received or deposited, which are subject to those agreements. Certain of these agreements contain credit risk-related contingent features in which the counterparty has the option to declare State Street in default and accelerate cash settlement of our net derivative liabilities with the counterparty in the event our credit rating falls below specified levels. The aggregate fair value of all derivative instruments with credit risk-related contingent features that were in a net liability position as of June 30, 2013 totaled approximately

\$1.06 billion, against which we had provided aggregate collateral of approximately \$65 million. If State Street's credit rating were downgraded below levels specified in the agreements, the maximum additional amount of payments related to termination events that could have been required pursuant to these contingent features as of June 30, 2013 was approximately \$991 million. Such accelerated settlement would not affect our consolidated results of operations.

Derivatives Not Designated as Hedging Instruments:

In connection with our trading activities, we use derivative financial instruments in our role as a financial intermediary and as both a manager and servicer of financial assets, in order to accommodate our clients' investment and risk management needs. In addition, we use derivative financial instruments for risk management purposes as economic hedges, which are not

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

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formally designated as accounting hedges, in order to contribute to our overall corporate earnings and liquidity. These activities are designed to generate trading revenue and to manage volatility in our net interest revenue. The level of market risk that we assume is a function of our overall objectives and liquidity needs, our clients' requirements and market volatility.

With respect to 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 contracts and options in support of these 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 and interest-rate swaps, interest-rate forward contracts, and interest-rate futures. In the aggregate, we seek to match positions closely with the objective of minimizing related currency and interest-rate risk.

We offer products that provide book-value protection primarily to plan participants in stable value funds managed by non-affiliated investment managers of post-retirement defined contribution benefit plans, particularly 401(k) plans. We account for the associated contingencies, more fully described in note 8, individually as derivative financial instruments. These contracts are valued quarterly and unrealized losses, if any, are recorded in other 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. Interest-rate risk, defined as the sensitivity of income or financial condition to variations in interest rates, is a significant non-trading market risk to which our assets and liabilities are exposed. These hedging relationships are formally designated, and qualify for hedge accounting, as fair value or cash flow hedges. We manage interest-rate risk by identifying, quantifying and hedging our exposures, using fixed-rate portfolio securities and a variety of derivative financial instruments, most frequently interest-rate swaps and options (for example, interest rate caps and floors). Interest-rate swap agreements alter the interest-rate characteristics of specific balance sheet assets or liabilities. When appropriate, forward-rate agreements, options on swaps, and exchange-traded futures and options are also used.

**Fair value hedges**

Derivatives designated as fair value hedges are utilized to mitigate the risk of changes in fair value of recognized assets and liabilities. Differences between the gains and losses on fair value hedges and the gains and losses on the asset or liability attributable to the hedged risk represent hedge ineffectiveness. We use interest-rate or 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 or foreign exchange rates.

We have entered into interest-rate swap agreements to modify our interest revenue from certain available-for-sale investment securities from a fixed rate to a floating rate. The securities hedged have a weighted-average life of approximately 6.8 years as of June 30, 2013, compared to 6.9 years as of December 31, 2012. These securities are hedged with interest-rate swap contracts of similar maturity, repricing and fixed-rate coupons. The interest-rate swap contracts convert the interest revenue from a fixed rate to a floating rate indexed to LIBOR, thereby mitigating our exposure to fluctuations in the fair value of the securities attributable to changes in the benchmark interest rate. We have entered into interest-rate swap agreements to modify our interest expense on two senior notes and one subordinated note from fixed rates to floating rates. The senior notes mature in 2018 and 2021; one pays fixed interest at a 1.35% annual rate and the other pays fixed interest at a 4.375% annual rate. The subordinated note matures in 2023 and pays fixed interest at a 3.1% annual rate. The senior and subordinated notes are hedged with interest-rate swap contracts with notional amounts, maturities and fixed-rate coupon terms that align with the hedged notes. The interest-rate swap contracts convert the fixed-rate coupons to floating rates indexed to LIBOR, thereby mitigating our exposure to fluctuations in the fair values of the senior notes and subordinated notes stemming from changes in the



benchmark interest rates.

We have entered into forward foreign exchange contracts to hedge the change in fair value attributable to foreign exchange movements in the funding of non-functional currency-denominated investment securities. These forward contracts convert the foreign currency risk to U.S. dollars, thereby mitigating our exposure to fluctuations in the fair value of the securities attributable to changes in foreign exchange rates. Generally, no ineffectiveness is recorded in earnings, since the notional amount of the hedging instruments is aligned with the carrying value of the hedged securities. The forward points on the hedging instruments are considered to be a hedging cost, and accordingly are excluded from the evaluation of hedge effectiveness and recorded in net interest revenue.

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## STATE STREET CORPORATION

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## Cash flow hedges

Derivatives categorized as cash flow hedges are utilized to offset the variability of cash flows to be received from or paid on a floating-rate asset or liability. Ineffectiveness of cash flow hedges is defined as the extent to which the changes in fair value of the derivative exceed the variability of cash flows of the forecasted transaction.

We have entered into an interest-rate swap agreement to modify our interest revenue from an available-for-sale debt security from a floating rate to a fixed rate. The hedged security has a remaining life of approximately 1.3 years as of June 30, 2013, compared to 1.8 years as of December 31, 2012. The security is hedged with an interest-rate swap contract of similar maturity, repricing and other characteristics. The interest-rate swap contract converts the interest revenue from a floating rate to a fixed rate, thereby mitigating our exposure to fluctuations in the cash flows of the security attributable to changes in the benchmark interest rate.

We have entered into foreign exchange contracts to hedge the change in cash flows attributable to foreign exchange movements in the funding of non-functional currency-denominated investment securities. These foreign exchange contracts convert the foreign currency risk to U.S. dollars, thereby mitigating our exposure to fluctuations in the cash flows of the securities attributable to changes in foreign exchange rates. Generally, no ineffectiveness is recorded in earnings, since the critical terms of the hedging instruments and the hedged securities are aligned.

The following table presents the aggregate contractual, or notional, amounts of derivative financial instruments entered into in connection with our trading and asset-and-liability management activities as of the dates indicated:

(In millions)	June 30, 2013	December 31, 2012
Derivatives not designated as hedging instruments:		
Interest-rate contracts:		
Swap agreements and forwards	\$1,355	\$1,578
Options and caps purchased	46	68
Options and caps written	46	68
Futures	2,434	1,910
Foreign exchange contracts:		
Forward, swap and spot	1,182,949	897,354
Options purchased	3,785	9,454
Options written	3,418	8,734
Credit derivative contracts:		
Credit swap agreements	105	27
Other:		
Stable value contracts	28,440	33,512
Futures	3	—
Derivatives designated as hedging instruments:		
Interest-rate contracts:		
Swap agreements	4,970	3,153
Foreign exchange contracts:		
Forward and swap	3,002	3,477

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

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In connection with our asset-and-liability management activities, we have entered into interest-rate contracts designated as fair value and cash flow hedges to manage our interest-rate risk. The following table presents the aggregate notional amounts of these interest-rate contracts and the related assets or liabilities being hedged as of the dates indicated:

(In millions)	June 30, 2013			December 31, 2012		
	Fair Value Hedges	Cash Flow Hedges	Total	Fair Value Hedges	Cash Flow Hedges	Total
Investment securities available for sale	\$2,598	\$122	\$2,720	\$1,573	\$130	\$1,703
Long-term debt <sup>(1)</sup>	2,250	—	2,250	1,450	—	1,450
Total	\$4,848	\$122	\$4,970	\$3,023	\$130	\$3,153

<sup>(1)</sup> As of June 30, 2013 and December 31, 2012, fair value hedges of long-term debt increased the carrying value of long-term debt presented in our consolidated statement of condition by \$38 million and \$174 million, respectively. The following table presents the contractual and weighted-average interest rates for long-term debt, which include the effects of the hedges presented in the table above, for the periods indicated:

	Three Months Ended June 30, 2013		2012	
	Contractual Rates	Rate Including Impact of Hedges	Contractual Rates	Rate Including Impact of Hedges
Long-term debt	3.40 %	2.65 %	3.98 %	3.14 %

  

	Six Months Ended June 30, 2013		2012	
	Contractual Rates	Rate Including Impact of Hedges	Contractual Rates	Rate Including Impact of Hedges
Long-term debt	3.57 %	2.83 %	3.95 %	3.19 %

For cash flow hedges, any changes in the fair value of the derivative financial instruments remain in AOCI, and are generally recorded in our consolidated statement of income in future periods when earnings are affected by the variability of the hedged cash flow.

The following tables present 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. The impact of master netting agreements is disclosed in note 2.

(In millions)	Asset Derivatives June 30, 2013		Liability Derivatives June 30, 2013	
	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value
Derivatives not designated as hedging instruments:				
Foreign exchange contracts	Other assets	\$11,201	Other liabilities	\$11,191
Interest-rate contracts	Other assets	43	Other liabilities	44
Other derivative contracts	Other assets	—	Other liabilities	9
Total		\$11,244		\$11,244
Derivatives designated as hedging instruments:				
Foreign exchange contracts	Other assets	\$358	Other liabilities	\$2
Interest-rate contracts	Other assets	28	Other liabilities	288
Total		\$386		\$290



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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

(In millions)	Asset Derivatives		Liability Derivatives	
	December 31, 2012		December 31, 2012	
	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value
Derivatives not designated as hedging instruments:				
Foreign exchange contracts	Other assets	\$9,243	Other liabilities	\$9,067
Interest-rate contracts	Other assets	61	Other liabilities	61
Other derivative contracts	Other assets	—	Other liabilities	9
Total		\$9,304		\$9,137
Derivatives designated as hedging instruments:				
Interest-rate contracts	Other assets	\$162	Other liabilities	\$284
Foreign exchange contracts	Other assets	135	Other liabilities	17
Total		\$297		\$301

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	Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income			
		Three Months Ended		Six Months Ended	
		June 30, 2013	June 30, 2012	June 30, 2013	June 30, 2012
Derivatives not designated as hedging instruments:					
Foreign exchange contracts	Trading services revenue	\$169	\$129	\$314	\$346
Foreign exchange contracts	Processing fees and other revenue	—	(1)	—	(3)
Interest-rate contracts	Trading services revenue	2	—	3	(88)
Interest-rate contracts	Processing fees and other revenue	—	—	—	2
Total		\$171	\$128	\$317	\$257

(In millions)	Location of Gain (Loss) on Derivative in Consolidated Statement of Income	Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income		Hedged Item in Fair Value Hedging Relationship	Location of Gain (Loss) on Hedged Item in Consolidated Statement of Income	Amount of Gain (Loss) on Hedged Item Recognized in Consolidated Statement of Income	
		Three Months Ended June 30, 2013	Six Months Ended June 30, 2013			Three Months Ended June 30, 2013	Six Months Ended June 30, 2013
		Derivatives designated as fair value hedges:				\$ (159)	\$ (155)

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Foreign exchange contracts	Processing fees and other revenue			Investment securities	Processing fees and other revenue		
Interest-rate contracts	Processing fees and other revenue	(117	) (132	Long-term debt	Processing fees and other revenue	105	121
Interest-rate contracts	Processing fees and other revenue	20	21	Available-for-sale securities	Processing fees and other revenue	(20	) (22
Total		\$(256	) \$(266			\$244	\$254

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

(In millions)	Location of Gain (Loss) on Derivative in Consolidated Statement of Income	Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income		Hedged Item in Fair Value Hedging Relationship	Location of Gain (Loss) on Hedged Item in Consolidated Statement of Income	Amount of Gain (Loss) on Hedged Item Recognized in Consolidated Statement of Income	
		Three Months Ended	Six Months Ended			Three Months Ended	Six Months Ended
		June 30, 2012	June 30, 2012			June 30, 2012	June 30, 2012
Derivatives designated as fair value hedges:							
Foreign exchange contracts	Processing fees and other revenue	\$ (26)	\$ 4	Investment securities	Processing fees and other revenue	\$ 26	\$ (4)
Interest-rate contracts	Processing fees and other revenue	(31)	(6)	Available-for-sale securities	Processing fees and other revenue	29	2
Interest-rate contracts	Processing fees and other revenue	56	40	Long-term debt	Processing fees and other revenue	(50)	(37)
Total		\$ (1)	\$ 38			\$ 5	\$ (39)

Differences between the gains (losses) on the derivative and the gains (losses) on the hedged item, excluding any amounts recorded in net interest revenue, represent hedge ineffectiveness.

(In millions)	Amount of Gain (Loss) on Derivative Recognized in Other Comprehensive Income		Location of Gain (Loss) Reclassified from OCI to Consolidated Statement of Income	Amount of Gain (Loss) Reclassified from OCI to Consolidated Statement of Income		Location of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income	Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income	
	Three Months Ended	Six Months Ended		Three Months Ended	Six Months Ended		Three Months Ended	Six Months Ended
	June 30, 2013	June 30, 2013		June 30, 2013	June 30, 2013		June 30, 2013	June 30, 2013
Derivatives designated as cash flow hedges:								
Interest-rate contracts	\$ (1)	\$ 11	Net interest revenue	\$ (1)	\$ (2)	Net interest revenue	\$ 1	\$ 2
Foreign exchange contracts	48	153	Net interest revenue	—	—	Net interest revenue	2	5
Total	\$ 47	\$ 164		\$ (1)	\$ (2)		\$ 3	\$ 7

	Amount of Gain (Loss) on Derivative Recognized in Other Comprehensive Income		Location of Gain (Loss) Reclassified from OCI to Consolidated Statement of Income	Amount of Gain (Loss) Reclassified from OCI to Consolidated Statement of Income		Location of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income	Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income	
	Three Months Ended June 30, 2012	Six Months Ended June 30, 2012		Three Months Ended June 30, 2012	Six Months Ended June 30, 2012		Three Months Ended June 30, 2012	Six Months Ended June 30, 2012
(In millions)								
Derivatives designated as cash flow hedges:								
Interest-rate contracts	\$2	\$3	Net interest revenue	\$(1 )	\$(3 )	Net interest revenue	\$—	\$1
Foreign exchange contracts	1	1	Net interest revenue	—	—	Net interest revenue	—	—
Total	\$3	\$4		\$(1 )	\$(3 )		\$—	\$1



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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Note 12. Offsetting Arrangements

We manage credit and counterparty risk by entering into enforceable netting agreements and other collateral arrangements with counterparties to derivative financial instruments and secured financing transactions, including resale and repurchase agreements, and principal securities borrowing and lending agreements. These netting agreements mitigate our counterparty credit risk by providing for a single net settlement with a counterparty of all financial transactions covered by the agreement in an event of default as defined under such agreement. In limited cases, a netting agreement may also provide for the periodic netting of settlement payments with respect to multiple different transaction types in the normal course of business.

Certain of our derivative contracts are executed under either standardized netting agreements or, for exchange-traded derivatives, the relevant contracts for a particular exchange which contain enforceable netting provisions. In certain cases, we may have cross-product netting arrangements which allow for netting and set-off of a variety of types of derivatives with a single counterparty. A derivative netting arrangement creates an enforceable right of set-off that becomes effective, and affects the realization or settlement of individual financial assets and liabilities, only following a specified event of default. Collateral requirements associated with our derivative contracts are determined after a review of the creditworthiness of each counterparty, and the requirements are monitored and adjusted daily, typically based on net exposure by counterparty. Collateral is generally in the form of cash or highly liquid U.S. government securities.

In connection with our secured financing activities, we enter into netting agreements and other collateral arrangements with counterparties, which provide for the right to liquidate collateral upon an event of default. Required collateral is generally in the form of cash, equities or fixed-income securities. Default events may include the failure to make payments or deliver securities timely, material adverse changes in financial condition or insolvency, the breach of minimum regulatory capital requirements, or loss of license, charter or other legal authorization necessary to perform under the contract.

In order for an arrangement to be eligible for netting, we must have a basis to conclude that such netting arrangements are legally enforceable. The analysis of the legal enforceability of an arrangement differs by jurisdiction, depending on the laws of that jurisdiction. In many jurisdictions, specific legislation exists that provides for the enforceability in bankruptcy of close-out netting under a netting agreement, typically by way of specific exception from more general prohibitions on the exercise of creditor rights.

When we have a basis to conclude that a legally enforceable netting arrangement exists between us and the derivative counterparty and the relevant transaction is the type of transaction that is recorded in our consolidated statement of condition, we offset derivative assets and liabilities, and the related collateral received and provided, in our consolidated statement of condition. We also offset secured financing assets and liabilities with the same counterparty or clearinghouse which have the same maturity date and are settled in the normal course of business on a net basis.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following tables present information about the offsetting of derivative financial instruments and secured financing transactions, as of the dates indicated:

Assets:	June 30, 2013			December 31, 2012		
	Gross Amounts of Recognized Assets <sup>(1)</sup>	Gross Amounts Offset in Statement of Condition <sup>(2)</sup>	Net Amounts of Assets Presented in Statement of Condition	Gross Amounts of Recognized Assets <sup>(1)</sup>	Gross Amounts Offset in Statement of Condition <sup>(2)</sup>	Net Amounts of Assets Presented in Statement of Condition
(In millions)						
Derivatives:						
Interest-rate contracts	\$71	\$(51)	) \$20	\$223	\$(19)	) \$204
Foreign exchange contracts	11,559	(4,583)	) 6,976	9,378	(3,575)	) 5,803
Cash collateral netting	—	(861)	) (861)	—	(1,451)	) (1,451)
Total derivatives	\$11,630	\$(5,495)	) \$6,135	\$9,601	\$(5,045)	) \$4,556
Other financial instruments:						
Resale agreements and securities borrowing <sup>(3)</sup>	\$41,627	\$(26,167)	) \$15,460	\$35,658	\$(23,809)	) \$11,849
Total derivatives and other financial instruments	\$53,257	\$(31,662)	) \$21,595	\$45,259	\$(28,854)	) \$16,405

<sup>(1)</sup> Amounts include all transactions regardless of whether or not they are subject to an enforceable netting arrangement.

<sup>(2)</sup> Amounts subject to netting arrangements which have been determined to be legally enforceable.

<sup>(3)</sup> Included in the \$15,460 million as of June 30, 2013 was \$5,569 million of resale agreements and \$9,891 million of collateral related to securities borrowing. Included in the \$11,849 million as of December 31, 2012 was \$5,016 million of resale agreements and \$6,833 million of collateral related to securities borrowing. Resale agreements and collateral 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 8 for additional information with respect to principal securities finance transactions.

	June 30, 2013				December 31, 2012			
	Net Amount of Assets Presented in Statement of Condition	Counterparty Netting	Collateral Received	Net Amount <sup>(2)</sup>	Net Amount of Assets Presented in Statement of Condition	Counterparty Netting	Collateral Received	Net Amount <sup>(2)</sup>
(In millions)								
Derivatives	\$6,135	\$—	\$(34)	) \$6,101	\$4,556	\$—	\$(105)	) \$4,451
Resale agreements and	15,460	(205)	(15,192)	) 63	11,849	(126)	(11,626)	) 97

securities  
borrowing

Total      \$21,595      \$(205      ) \$(15,226      ) \$6,164      \$16,405      \$(126      ) \$(11,731      ) \$4,548

(1) Amounts subject to netting arrangements which have been determined to be legally enforceable

(2) Includes amounts secured by collateral not determined to be subject to enforceable netting arrangements.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

The following tables present information about the offsetting of derivative financial instruments and secured financing transactions, as of the dates indicated:

Liabilities:	June 30, 2013			December 31, 2012		
	Gross Amounts of Recognized Liabilities <sup>(1)</sup>	Gross Amounts Offset in Statement of Condition <sup>(2)</sup>	Net Amounts of Liabilities Presented in Statement of Condition	Gross Amounts of Recognized Liabilities <sup>(1)</sup>	Gross Amounts Offset in Statement of Condition <sup>(2)</sup>	Net Amounts of Liabilities Presented in Statement of Condition
(In millions)						
Derivatives:						
Interest-rate contracts	\$332	\$(51)	) \$281	\$345	\$(19)	) \$326
Foreign exchange contracts	11,193	(4,583)	) 6,610	9,084	(3,574)	) 5,510
Other derivative contracts	9	—	) 9	9	—	) 9
Cash collateral netting	—	(904)	) (904)	—	(478)	) (478)
Total derivatives	\$11,534	\$(5,538)	) \$5,996	\$9,438	\$(4,071)	) \$5,367
Other financial instruments:						
Repurchase agreements and securities lending <sup>(3)</sup>	\$41,193	\$(26,167)	) \$15,026	\$36,801	\$(23,809)	) \$12,992
Total derivatives and other financial instruments	\$52,727	\$(31,705)	) \$21,022	\$46,239	\$(27,880)	) \$18,359

<sup>(1)</sup> Amounts include all transactions regardless of whether or not they are subject to an enforceable netting arrangement.

<sup>(2)</sup> Amounts subject to netting arrangements which have been determined to be legally enforceable.

<sup>(3)</sup> Included in the \$15,026 million as of June 30, 2013 was \$9,154 million of repurchase agreements and \$5,872 million of collateral related to securities lending. Included in the \$12,992 million as of December 31, 2012 was \$8,006 million of repurchase agreements and \$4,986 million of collateral related to securities lending. Repurchase agreements and collateral 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 8 for additional information with respect to principal securities finance transactions.

	June 30, 2013				December 31, 2012			
	Net Amount of Liabilities Presented in Statement of Condition	Counterparty Netting	Collateral Provided	Net Amount <sup>(2)</sup>	Net Amount of Liabilities Presented in Statement of Condition	Counterparty Netting	Collateral Provided	Net Amount <sup>(2)</sup>
(In millions)								
Derivatives	\$5,996	\$—	\$(2)	) \$5,994	\$5,367	\$—	\$—	) \$5,367

Repurchase agreements and securities lending	15,026	(205 )	(14,036 )	785	12,992	(126 )	(12,067 )	799
Total	\$21,022	\$(205 )	\$(14,038 )	\$6,779	\$18,359	\$(126 )	\$(12,067 )	\$6,166

(1) Amounts subject to netting arrangements which have been determined to be legally enforceable

(2) Includes amounts secured by collateral not determined to be subject to enforceable netting arrangements.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

## Note 13. Net Interest Revenue

The following table presents the components of interest revenue and interest expense, and related net interest revenue, for the periods indicated:

(In millions)	Three Months Ended		Six Months Ended	
	June 30, 2013	2012	June 30, 2013	2012
Interest revenue:				
Deposits with banks	\$31	\$35	\$62	\$77
Investment securities:				
U.S. Treasury and federal agencies	183	206	377	405
State and political subdivisions	54	54	105	108
Other investments	339	406	680	811
Securities purchased under resale agreements	12	13	25	22
Loans and leases	79	71	135	126
Other interest-earning assets	2	1	3	2
Total interest revenue	700	786	1,387	1,551
Interest expense:				
Deposits	27	37	61	90
Short-term borrowings	15	19	31	37
Long-term debt	54	54	110	120
Other interest-bearing liabilities	8	4	13	7
Total interest expense	104	114	215	254
Net interest revenue	\$596	\$672	\$1,172	\$1,297

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

## Note 14. Expenses

## Acquisition and Restructuring Costs:

The following table presents net acquisition and restructuring costs recorded in the periods indicated:

(In millions)	Three Months		Six Months Ended	
	Ended June 30,		June 30,	
	2013	2012	2013	2012
Acquisition costs	\$19	\$15	\$34	\$28
Restructuring charges, net	11	22	10	30
Total acquisition and restructuring costs	\$30	\$37	\$44	\$58

## Acquisition Costs

Acquisition costs incurred in the three and six months ended June 30, 2013 and the three and six months ended June 30, 2012 were related to previously announced acquisitions.

## Restructuring Charges

Information with respect to our Business Operations and Information Technology Transformation program and our 2011 and 2012 expense control measures, including charges, employee reductions and aggregate activity in the related accruals, is provided in the two sections that follow.

## Business Operations and Information Technology Transformation Program

In November 2010, we announced a global multi-year Business Operations and Information Technology Transformation program. The program includes operational, information technology and targeted cost initiatives, including plans related to reductions in both staff and occupancy costs. To date, we have recorded aggregate restructuring charges of \$364 million in our consolidated statement of income, composed of \$156 million in 2010, \$133 million in 2011, \$67 million in 2012 and \$8 million in the six months ended June 30, 2013.

The charges related to the program included costs related to severance, benefits and outplacement services, as well as costs which resulted from actions taken to reduce our occupancy costs through consolidation of real estate. The charges also included costs related to information technology, including transition fees associated with the expansion of our use of third-party service providers associated with components of our information technology infrastructure and application maintenance and support.

In 2010, in connection with the program, we initiated the involuntary termination of 1,400 employees, or approximately 5% of our global workforce, which was substantially complete at the end of 2011. In addition, in connection with our announcement in 2011 of the expansion of our use of third-party service providers associated with our information technology infrastructure and application maintenance and support, as well as the continued implementation of the business operations transformation component of the program, we have identified 1,187 additional involuntary terminations and role eliminations, including 212 in the six months ended June 30, 2013. As of June 30, 2013, we have eliminated 1,115 of these positions.

## Expense Control Measures

In December 2011, in connection with expense control measures designed to calibrate our expenses to our outlook for our capital markets-facing businesses in 2012, we took two actions. First, we withdrew from our fixed-income trading initiative, in which we traded in fixed-income securities and derivatives as principal with our custody clients and other third-parties that trade in these securities and derivatives. Second, we undertook other targeted staff reductions. As a result of these actions, we have recorded aggregate pre-tax restructuring charges of \$120 million in 2011 and net pre-tax credit adjustments of \$(1) million in 2012 in our consolidated statement of income.

The charges recorded in 2011 included costs related to severance, benefits and outplacement services with respect to both our withdrawal from our fixed-income initiative and the other targeted staff reductions; costs associated with fair-value adjustments to the initiative's trading portfolio resulting from our decision to withdraw from the initiative; and costs for asset and other write-offs related to asset write-downs and contract terminations. In 2011, in connection

with the above-described employee-related actions, we identified 442 employees to be involuntarily terminated as their roles were eliminated. As of June 30, 2013, we had substantially completed these reductions.

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## STATE STREET CORPORATION

## CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## (UNAUDITED)

In December 2012, in connection with expense control measures designed to better align our expenses to our business strategy and related outlook for 2013, we identified additional targeted staff reductions. As a result of these actions, we have recorded aggregate pre-tax restructuring charges of \$133 million in 2012 and \$2 million in the six months ended June 30, 2013, which included \$11 million in the three months ended June 30, 2013, in our consolidated statement of income. Employee-related costs included severance, benefits and outplacement services. Costs for asset and other write-offs were primarily related to contract terminations. We originally identified involuntary terminations and role eliminations of 960 employees (630 positions after replacements). As of June 30, 2013, 638 positions had been eliminated through voluntary and involuntary terminations.

Aggregate Restructuring-Related Accrual Activity

The following table presents aggregate activity associated with accruals that resulted from the charges associated with the Business Operations and Information Technology Transformation program and the 2011 and 2012 expense control measures:

(In millions)	Employee- Related Costs	Real Estate Consolidation	Information Technology Costs	Asset and Other Write-Offs	Total
Balance as of December 31, 2012	\$ 195	\$ 49	\$ 5	\$ 13	\$ 262
Additional accruals for Business Operations and Information Technology Transformation program	5	4	(1 )	—	8
Additional accruals for 2012 expense control measures	(1 )	—	—	3	2
Payments and adjustments	(83 )	(10 )	(4 )	(6 )	(103 )
Balance as of June 30, 2013	\$ 116	\$ 43	\$ —	\$ 10	\$ 169

Other Expenses:

Other expenses in the three and six months ended June 30, 2013 included charitable contributions of \$34 million and \$35 million, respectively, and \$2 million and \$3 million in the three and six months ended June 30, 2012, respectively.

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STATE STREET CORPORATION

CONDENSED NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

(UNAUDITED)

Note 15. Earnings Per Common Share

The following table presents the computation of basic and diluted earnings per common share for the periods indicated:

	Three Months		Six Months Ended	
	Ended June 30,		June 30,	
(Dollars in millions, except per share amounts)	2013	2012	2013	2012
Net income	\$579	\$490	\$1,043	\$917