

PRUDENTIAL FINANCIAL, INC. ANNUALREPORT


## WHO WE ARE

For more than 135 years, Prudential Financial, Inc. has helped people grow and protect their wealth. We offer individual and institutional clients a wide array of financial products and services. Today, we are one of the world's largest financial services institutions. We have more than $\$ 1.1$ trillion in assets under management and approximately $\$ 3.5$ trillion of gross life insurance in force worldwide as of December 31, 2013. We have operations in the United States, Asia, Europe and Latin America. We also have one of the most recognized and trusted brand symbols: The Rock ${ }^{\circledR}$, an icon of strength, stability, expertise and innovation. We measure our longterm success by our ability to deliver value for shareholders, meet customer needs, attract and develop the best talent in our industry, offer an inclusive work environment where employees can develop to their full potential and support the communities where we live and work.

## MESSAGE FROM THE CHAIRMAN


"2013 was a year of major progress and accomplishments for the company on many fronts. We maintained strong momentum in our businesses and further enhanced our long-term positioning."

- John Strangfeld

Dear fellow shareholders:
I am pleased to report that Prudential Financial delivered another strong performance in 2013. Our outstanding results for the year were broadly based, reflecting strong growth across our businesses, coupled with effective pricing discipline and risk management. We also benefited from meaningful contributions from the significant transactions we have completed over the past three years: our acquisition of Star Life and Edison Life from AIG in 2011, the completion in late 2012 of two landmark pension risk transfer transactions, and our acquisition in early 2013 of the U.S. individual life insurance business from The Hartford.

The strength of our operations was proven by the achievement of our objective to deliver a return on equity in 2013 of 13 to 14 percent. In fact, we exceeded the top end of that goal.

In addition, in 2013 we altered our schedule of dividend payments to shareholders from annual to quarterly, ultimately delivering more than $\$ 800$ million in Common Stock dividends during the year.

The achievement of our earnings objectives and other actions throughout the year demonstrate our ongoing commitment to maintaining a strategic mix of high-quality businesses, managing risk appropriately, deploying capital effectively, and pursuing profitable growth for the long term.

We continue to adhere to four key characteristics that drive our company's success:

1. Our unique business mix, which we have developed by deliberately focusing on our core strengths and on markets in which we see opportunities. The complementary nature of our portfolio of operations provides a mix of growth and stability, helping balance risk across the company.
2. Our high-quality businesses, which have outstanding leadership, robust fundamentals and strong positioning in the markets in which we operate.
3. Our financial strength, which enables us to continue delivering on our promises to our stakeholders, while also seizing opportunities to innovate and grow.
4. The talent and integrity of our people, who remain our most important point of differentiation in the market. Our commitment to nurturing a diverse and inclusive culture helps us attract, develop and retain high-quality employees.

In short, 2013 was a year of major progress and accomplishments for the company on many fronts. We maintained strong momentum in our businesses and further enhanced our long-term positioning.

For 2013, on an after-tax adjusted operating income basis,* our Financial Services Businesses earned $\$ 4.586$ billion, or $\$ 9.67$ per share of Common Stock, compared to $\$ 3.019$ billion, or $\$ 6.40$ per share of Common Stock in 2012. On this basis, our earnings per share represent a 20 percent compound growth rate over the past three years.

Based on U.S. generally accepted accounting principles, our Financial Services Businesses reported a net loss of $\$ 713$ million, or $\$ 1.55$ per share of Common Stock, in 2013, compared to net income of $\$ 479$ million, or $\$ 1.05$ per share of Common Stock, in 2012. The 2013 net loss was mainly driven by volatility in the currency markets and remeasurement of non-yen product reserves in our Japanese insurance operations, which we consider non-economic since we support these reserves with investments in appropriate currencies. Changes in the market value of derivatives we use to manage our interest rate exposure were also a factor, largely due to rising U.S. interest rates.

Our worldwide assets under management continued to increase, reaching more than $\$ 1.1$ trillion by year-end 2013. This growth is an important indicator of the confidence our clients continue to have in Prudential.

[^0]Our strong operating results for the year were driven by solid underlying performance across our businesses. Based on our excellent performance, our solid positioning in the marketplace and the talent of our people, we remain confident in our long-term prospects and excited about our potential as a company.

## Achieving our 2013 ROE objective

In 2010, we announced our objective to achieve an ROE of 13 to 14 percent in 2013. We believed then, as we do now, that achieving and sustaining that level of performance would demonstrate our superior performance relative to our peers.

Our ability to achieve - and exceed - that goal in 2013 confirms our belief in our earnings power. Yet we never saw that objective as a one-year, "once and done" objective. Looking ahead, we remain confident in our ability to sustain an ROE of 13 to 14 percent over the long term.
> "Based on our excellent performance, our solid positioning in the marketplace and the talent of our people, we remain confident in our long-term prospects and excited about our potential as a company."

## Building on our momentum

In 2013, we benefited from the contributions of several targeted acquisitions and transactions we have completed since 2011 in key markets and segments that complement our strategic business mix.

We have substantially completed the integration of the Star Life and Edison Life companies with our Gibraltar Life operation in Japan. This acquisition is delivering what we expected in terms of both synergies and business results. We are benefiting from expanded distribution capabilities from this acquisition, including new sales professionals and thirdparty distributors, as well as the addition of a large force of independent agents to our existing channel.

The integration of the U.S. individual life insurance operations we acquired from The Hartford in 2013 is also well on track. Through this acquisition, our U.S. life insurance operations achieved greater scale, expanded product offerings and broader distribution capabilities. Our domestic individual life insurance business is already benefiting from a unified distribution system, strong connections with financial institutions, and our solid positioning in the brokerage general agency channel.

The two landmark pension risk transfer transactions we completed in 2012 contributed to the achievement of record earnings in 2013 in our Retirement unit. We are confident that the pension risk transfer market will continue to offer exciting opportunities to our company, for which we are uniquely suited.

In addition to producing significant contributions to our earnings, these acquisitions and transactions have brought more diversity to our stream of earnings and, thus, more balance to our operations as a whole. Their successful execution has further distinguished our company within our industry and positioned us for further growth.

In 2013, we continued to invest in and expand our operations in pursuit of other promising opportunities, particularly on the international front. In August, we announced an agreement to purchase Uni.Asia Life Assurance Berhad (UAL), a mid-sized life insurer in Malaysia, through a new joint venture with Bank Simpanan Nasional, a government-owned bank. We closed this transaction in January 2014, and hold 70 percent of UAL. Malaysia is an attractive market, with low life insurance penetration, a well-developed regulatory environment and long-term growth potential. This transaction is aligned with our strategy to build upon our success in Japan, South Korea and Taiwan, and expand our footprint in growth markets in Asia.

Our success with all of these transactions demonstrates our ability to identify, seize and execute on opportunities that offer the potential for significant earnings and that further differentiate Prudential in the marketplace.

## Operating high-performing businesses

We continue to maintain a carefully assembled portfolio of high-quality businesses focused on two interrelated customer needs - protection and retirement. This mix of businesses reflects our long-term strategy of retaining a clear focus on core businesses where we have proven strength and see opportunity.

The solid performance of our businesses in 2013 demonstrates the strength of our businesses and our strategy.

Individual Annuities account values surpassed the $\$ 150$ billion milestone at year-end 2013, totaling more than $\$ 154$ billion, up 14 percent from year-end 2012. We continue to manage our annuities business prudently, adapting our products to the current environment to maintain our return prospects and improve our risk profile, while maintaining our value proposition.

Our Retirement business achieved record account values in 2013, reflecting strong sales and net flows. Total account values for the Retirement operation were approximately $\$ 323$ billion as of year-end 2013, up 11 percent over the prior year.

In our Asset Management segment, we recorded about $\$ 24$ billion of institutional and retail net flows for the year. The segment's assets under management totaled nearly $\$ 870$ billion at year-end 2013, up about 5 percent from a year earlier.

Sales in our Individual Life Insurance operation reached $\$ 731$ million for 2013, up 77 percent over 2012. This increase reflects the impact of The Hartford acquisition, which contributed to an improvement in our competitive position and expanded distribution through third-party distributors, including banks and wirehouses.

In Group Insurance, sales totaled $\$ 313$ million for the year, representing a decrease of about 29 percent from 2012. We continue to take steps to focus our Group business on products where we see long-term opportunity, with a goal of achieving sustainable, profitable growth. We are encouraged that the operation's 2013 results demonstrated improved claims experience.

For the year, sales in our International Insurance division, on a constant dollar basis, were about $\$ 3$ billion, down from nearly $\$ 4$ billion the prior year. This result reflects deliberate actions we have taken to control our product concentration and maintain appropriate returns.

## Deploying capital to support sustainable growth

Effective capital management remains a hallmark of Prudential and fundamental to our overall strategy. Maintaining robust capital and liquidity positions helps shield the company from market volatility and enables us to retain the financial strength and flexibility we need to pursue new opportunities, consistent with our long-term strategy.

In 2013, we reconfirmed our commitment to delivering additional value to our shareholders through share repurchases and dividends. During the year, we declared four quarterly Common Stock dividends totaling more than $\$ 800$ million, including a dividend of $\$ 0.53$ a share in the fourth quarter that represented a 33 percent increase from prior quarters.
"Effective capital management remains a hallmark of Prudential and fundamental to our overall strategy."

In addition, we continued to repurchase stock, acquiring $\$ 750$ million of Common Stock during 2013. From the commencement of share repurchases in July 2011 through December 31, 2013, the company has acquired 41.3 million shares of its Common Stock under its share repurchase authorizations, at a total cost of $\$ 2.4$ billion.

## Contributing to development of appropriate and meaningful regulation

We recognize the importance of meaningful regulation of our industry and our company. Financial strength is part of our value proposition, and being well regulated is important to our company.

In September, Prudential received notice that the Financial Stability Oversight Council had designated the company as a non-bank Systemically Important Financial Institution. As a result of this determination, the company is being supervised by the Board of Governors of the Federal Reserve System and is subject to stricter regulatory standards. In July, we were designated as a Global Systemically Important Insurer, which may also result in heightened regulation.

We continue to participate in active and constructive discussions with the Board of Governors of the Federal Reserve System, as well as other regulatory authorities, to develop an effective framework for group supervision of insurers, and one that reflects the important differences between insurance companies and banks. We will remain engaged at both the global and domestic levels in influencing the development of regulatory standards that are beneficial to consumers and preserve competition within the insurance industry.

## Fulfilling our responsibility as a corporate citizen

We recognize the importance of fulfilling our obligations to all of our stakeholders, including our regulators, our shareholders, our customers and our employees. Maintenance of a robust program of corporate governance is one of the ways in which we achieve this objective. We continue to enhance our efforts related to our commitment to sustainability, including our work related to shareholder engagement and to diversity and inclusion. Our focus on these areas is a reflection of our corporate culture, which we believe helps differentiate us in the marketplace.

We also maintain our long-held commitment to corporate social responsibility and to supporting the communities where Prudential people live and work, through direct contributions and investments, as well as the time and talent of our employees.

In 2013, we provided contributions of nearly $\$ 29$ million through The Prudential Foundation, as well as approximately $\$ 100$ million in social investments. Prudential employees around the world continued to uphold the company's long tradition of volunteerism. In October, more than 22,000 volunteers, including employees, friends, family members and clients, in the United States and 11 other countries, took part in our 19th annual Global Volunteer Day.

We continue to support the revitalization of Newark, N.J., which has been our headquarters for nearly 140 years. In April 2013, we demonstrated our commitment to Newark in a very visible and exciting way, as we broke ground for the construction of a new building, which will be our third office facility in the city.

The new Prudential tower is just one of our many investment projects in Newark. In total, our current investments in Newark will support more than 1,000 new residential units and 22 acres of open space, and leverage over $\$ 1$ billion in current and new development activities in the city. We look forward to continuing to contribute to Newark's resurgence.

## Nurturing a culture of excellence

Prudential's people - their talents, ideas and integrity represent our most important competitive advantage. That's why we are fully committed to offering an environment where employees feel free to do their best work and empowered to bring their best ideas.

That commitment requires ensuring that diversity and inclusion are integral to our company culture - and not just in our approach at the workplace. We recognize that we need to embed diversity and inclusion in every aspect of our operations - among employees, in working with our customers and our suppliers, and in helping the communities where we live and work - to have the ability to reach and support diverse markets around the world.

In 2013, we continued our series of signature research that examines financial trends in America's multicultural

## External recognition of Prudential's commitment to diversity and to providing a supportive workplace

| Recognition | Prudential's Record |
| :--- | :--- |
| Working Mother |  |
| "100 Best Companies" | 24 years |
| LATINA Style <br> "50 Best Companies for Latinas in the U.S." | 16 years |
| National Association for Female Executives <br> "Top 50 Companies for Executive Women" | 14 years |
| Diversitylnc <br> "Top 50 Companies for Diversity" | 13 years |
| Human Rights Campaign <br> Corporate Equality Index | 10 years |
| Dave Thomas Foundation <br> "Best Adoption-Friendly Workplaces" <br> GI Jobs <br> "Top 100 Military Friendly Employers" | 7 years |
| Military Times EDGE <br> "Best for Vets Employers" <br> Computerworld <br> "Best Places to Work in IT" | 4 years |
|  | 3 years |

communities by launching our second biennial study on the African American financial experience. Together with our recent research into the financial experience of women, Hispanic Americans and lesbian, gay, bisexual and transgender Americans, these studies are revealing compelling information about the needs of customers across these populations.

We also continued to support a variety of programs designed to help Veterans develop meaningful careers after their military service and between deployments. In addition to helping an often overlooked segment of our population, our work to help our Veterans successfully transition from the military to the corporate world is another important aspect of our talent management efforts. As with our efforts related to diversity and inclusion, we are reaping rewards from our work with Veterans by identifying, attracting and retaining talented new employees.

In 2013, our efforts to foster diversity and inclusion, support Veterans and their families, and be an employer of choice were again recognized by a wide variety of organizations. We were also pleased to again be named by FORTUNE ${ }^{\oplus}$ as one of the world's most admired companies in the life and health insurance category. We are gratified by this external validation of the caliber of Prudential's people.

## Sustaining our performance

We are very proud of our performance in 2013. We delivered on an ambitious objective and demonstrated the earnings power of our operations.

Our challenge now is to sustain a level of performance that differentiates us from our peers. We believe that the same core strengths that have served us well in the past - our financial strength, the uniqueness of our business mix, the quality of our operations and the talent of our people - will help us meet this challenge. As always, we are committed to achieving our objectives in the right way, with integrity and a relentless focus on quality control.

Thank you for your continued confidence in Prudential. I look forward to reporting to you on our future accomplishments.


## JOHN STRANGFELD

Chairman of the Board, Chief Executive Officer and President

## NOTES

(1) Adjusted operating income is not calculated in accordance with accounting principles generally accepted in the United States of America (GAAP), and is a financial measure we use to analyze the operating performance of our Financial Services Businesses. Adjusted operating income excludes "Realized investment gains (losses), net," as adjusted, and related charges and adjustments. A significant element of realized investment gains and losses are impairments and credit-related and interest rate-related gains and losses. Impairments and losses from sales of credit-impaired securities, the timing of which depends largely on market credit cycles, can vary considerably across periods. The timing of other sales that would result in gains or losses, such as interest raterelated gains or losses, is largely subject to our discretion and influenced by market opportunities as well as our tax and capital profile. Realized investment gains (losses) within certain of our businesses for which such gains (losses) are a principal source of earnings, and those associated with terminating hedges of foreign currency earnings and current period yield adjustments are included in adjusted operating income. Adjusted operating income excludes realized investment gains and losses from products that contain embedded derivatives, and from associated derivative portfolios that are part of a hedging program related to the risk of those products. Adjusted operating income also excludes gains and losses from changes in value of certain assets and liabilities relating to foreign currency exchange movements that have been economically hedged or considered part of our capital funding strategies for our international subsidiaries, as well as gains and losses on certain investments that are classified as other trading account assets. Adjusted operating income also excludes investment gains and losses on trading account assets supporting insurance liabilities and changes in experience-rated contractholder liabilities due to asset value changes, because these recorded changes in asset and liability values are expected to ultimately accrue to contractholders. Trends in the underlying profitability of our businesses can be more clearly identified without the fluctuating effects of these transactions. In addition, adjusted operating income excludes the results of divested businesses, which are not relevant to our ongoing operations. Discontinued operations, which is presented as a separate component of net income under GAAP, is also excluded from adjusted operating income. We believe that the presentation of adjusted operating income as we measure it for management purposes enhances understanding of the results of operations of the Financial Services Businesses by highlighting the results from ongoing operations and the underlying profitability of our businesses. However, adjusted operating income is not a substitute for income determined in accordance with GAAP, and the adjustments made to derive adjusted operating income are important to an understanding of our overall results of operations. References to adjusted operating income and net income refer to amounts attributable to Prudential Financial, Inc.

All facts and figures are as of or for the year ended December 31, 2013, unless otherwise noted.
Life insurance and annuities issued by The Prudential Insurance Company of America, Newark, NJ, and its insurance affiliates.
FORTUNE ${ }^{\circledR}$ and "The World's Most Admired Companies ${ }^{\circledR}$ " are registered trademarks of Time Inc. 2014 ranking as of 3/1/2014.

## Financial Services Businesses

In millions, except per share amounts
For the years ended December 31,
2013
2012
RESULTS BASED ON ADJUSTED OPERATING INCOME (A)
Revenues
Benefits and expenses
Adjusted operating income before income taxes
Operating return on average equity (B)

## GAAP RESULTS

## Revenues

Benefits and expenses
Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures

Return on average equity (B)
-2.0\%
1.4\%
$11.1 \%$
EARNINGS PER SHARE OF COMMON STOCK—diluted
Adjusted operating income after income taxes
Reconciling items:
Realized investment gains (losses), net, and related charges and adjustments
Other reconciling items
Tax (expense) benefit on above
Income (loss) from continuing operations of the Financial Services
Businesses attributable to Prudential Financial, Inc. (after-tax)

| $\$$ | 9.67 | $\$$ | 6.40 | $\$$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 5.97 |  |
|  | $(17.28)$ |  | $(5.94)$ |  |
| 0.08 |  | $(1.10)$ |  | 1.73 |
|  | $(5.96)$ |  | $(1.65)$ |  |
| $\$$ | $(1.57)$ | $\$$ | 1.01 | $\$$ |

Consolidated Information
In millions, unless otherwise noted

| As of or for the years ended December 31, | 2013 |  | 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GAAP RESULTS |  |  |  |  |  |  |
| Total revenues |  | 1,461 |  | ,847 |  | 9,085 |
| Income (loss) after income taxes: |  |  |  |  |  |  |
| Continuing operations | \$ | (567) | \$ | 555 | \$ | 3,631 |
| Discontinued operations |  | 7 |  | 15 |  | 35 |
| Less: Noncontrolling interests |  | 107 |  | 50 |  | 34 |
| Consolidated net income (loss) attributable to Prudential Financial, Inc. | \$ | (667) | \$ | 520 | \$ | 3,632 |

Net income (loss) attributable to Prudential Financial, Inc.
Financial Services Businesses
Closed Block Business
Consolidated net income (loss) attributable to Prudential Financial, Inc.
$\left.\begin{array}{lcrrrr}\$ & (713) & \$ & 479 \\ 46\end{array}\right)$

FINANCIAL POSITION
Invested assets
Total assets
Attributed equity:
Financial Services Businesses
Closed Block Business
Total attributed equity
Assets under management (in billions)

Financial Services Businesses Adjusted Operating Income ${ }^{(A)}$ and Income from Continuing Operations
(pre-tax, in millions)


Assets Under Management
(in billions)


## Financial Services Businesses Adjusted Operating Revenues ${ }^{\left({ }^{(1)}\right.}$ and GAAP Revenues

(in billions)

$$
\$ 100
$$


 Operating Return on Average Equity ${ }^{(B)}$ and Return on Average Equity ${ }^{(B)}$

(A) Adjusted operating income is a non-GAAP measure of performance of our Financial Services Businesses that excludes "Realized investment gains (losses), net," as adjusted, and related charges and adjustments; net investment gains and losses on trading account assets supporting insurance liabilities; change in experiencerated contractholder liabilities due to asset value changes; results of divested businesses and discontinued operations; earnings attributable to noncontrolling interests; and the related tax effects thereof. Adjusted operating income includes equity in earnings of operating joint ventures and the related tax effects thereof. Revenues and benefits and expenses shown as components of adjusted operating income, are presented on the same basis as pre-tax adjusted operating income and are adjusted for the items above as well.

See Management's Discussion and Analysis of Financial Condition and Results of Operations for a discussion of results based on adjusted operating income and the Consolidated Financial Statements for a reconciliation of results based on adjusted operating income to GAAP results.
(B) Operating return on average equity is calculated by dividing adjusted operating income after income taxes by average attributed equity for the Financial Services Businesses excluding accumulated other comprehensive income. An alternative measure to operating return on average equity is return on average equity. Return on average equity is calculated by dividing income from continuing operations after-tax of the Financial Services Businesses attributable to Prudential Financial, Inc. by average total attributed equity for the Financial Services Businesses. Both income amounts above give effect to the direct equity adjustment for earnings per share calculation.

FINANCIAL SECTION

Some of the statements included in this Annual Report may contain forward-looking statements within the meaning of the U.S Private Securities Reform Act of 1995. Please see page 236 for a description of certain risks and uncertainties that could cause actual results to differ, possibly materially, from expectations or estimates reflected in such forward-looking statements.

## TABLE OF CONTENTS

|  | Page Number |
| :---: | :---: |
| Selected Financial Data | 10 |
| Management's Discussion and Analysis of Financial Condition and Results of Operations | 12 |
| Quantitative and Qualitative Disclosures About Market Risk | 99 |
| Consolidated Financial Statements: |  |
| Management's Annual Report on Internal Control Over Financial Reporting | 103 |
| Report of Independent Registered Public Accounting Firm | 104 |
| Consolidated Statements of Financial Position as of December 31, 2013 and 2012 | 105 |
| Consolidated Statements of Operations for the years ended December 31, 2013, 2012 and 2011 | 106 |
| Consolidated Statements of Comprehensive Income for the years ended December 31, 2013, 2012 and 2011 | 107 |
| Consolidated Statements of Equity for the years ended December 31, 2013, 2012 and 2011 | 108 |
| Consolidated Statements of Cash Flows for the years ended December 31, 2013, 2012 and 2011 | 109 |
| Notes to Consolidated Financial Statements | 110 |
| Supplemental Combining Financial Information | 231 |
| Market Price of and Dividends on Common Equity and Related Stockholder Matters | 234 |
| Performance Graph | 235 |
| Forward-Looking Statements | 236 |

Throughout this Annual Report, "Prudential Financial" refers to Prudential Financial, Inc., the ultimate holding company for all of our companies. "Prudential Insurance" refers to The Prudential Insurance Company of America. "Prudential," the "Company," "we" and "our" refer to our consolidated operations.

## Financial Services Businesses and Closed Block Business

Effective with the date of demutualization, December 18, 2001, we established the Financial Services Businesses and the Closed Block Business. The Financial Services Businesses refer to the businesses in our three operating divisions and our Corporate and Other operations. The U.S. Retirement Solutions and Investment Management division consists of our Individual Annuities, Retirement and Asset Management segments. The U.S. Individual Life and Group Insurance division consists of our Individual Life and Group Insurance segments. The International Insurance division consists of our International Insurance segment. The Common Stock reflects the performance of the Financial Services Businesses, but there can be no assurance that the market value of the Common Stock will reflect solely the financial performance of these businesses. The Class B Stock, which was issued in a private placement on the date of the demutualization, reflects the financial performance of the Closed Block Business, as defined in Note 22 to the Consolidated Financial Statements.

We allocate all of our assets, liabilities and earnings between the Financial Services Businesses and Closed Block Business as if they were separate legal entities, but there is no legal separation between these two businesses. Holders of both the Common Stock and the Class B Stock are common stockholders of Prudential Financial and, as such, are subject to all the risks associated with an investment in Prudential Financial and all of its businesses. The Common Stock and the Class B Stock will be entitled to dividends, if and when declared by Prudential Financial's Board of Directors from funds legally available to pay them, as if the businesses were separate legal entities. See Note 15 to the Consolidated Financial Statements for a discussion of liquidation rights of the Common Stock and the Class B Stock, dividend restrictions on the Common Stock if we do not pay dividends on the Class B Stock when there are funds legally available to pay them and conversion rights of the Class B Stock.

## SELECTED FINANCIAL DATA

We derived the selected consolidated income statement data for the years ended December 31, 2013, 2012 and 2011, and the selected consolidated balance sheet data as of December 31, 2013 and 2012, from our Consolidated Financial Statements included elsewhere herein. We derived the selected consolidated income statement data for the years ended December 31, 2010 and 2009, and the selected consolidated balance sheet data as of December 31, 2011, 2010 and 2009, from consolidated financial statements not included herein.

On January 2, 2013, we acquired The Hartford's individual life insurance business through a reinsurance transaction. Under the agreement, the Company paid The Hartford cash consideration of $\$ 615$ million, primarily in the form of a ceding commission to provide reinsurance for approximately 700,000 life insurance policies with net retained face amount in force of approximately $\$ 141$ billion. The acquisition increases the Company's scale in the U.S. individual life insurance market, particularly universal life products, and provides complementary distribution opportunities through expanded wirehouse and bank distribution channels.

Results for the year ended December 31, 2012, include approximately $\$ 32$ billion of premiums reflecting two significant pension risk transfer transactions. On November 1, 2012, we issued a non-participating group annuity contract to the General Motors Salaried Employees Pension Trust, and assumed responsibility for providing specified benefits to certain participants. On December 10, 2012, we issued a non-participating group annuity contract to the Verizon Management Pension Plan and assumed responsibility for providing specified benefits to certain participants. The premiums from these transactions were largely offset by a corresponding increase in policyholders' benefits, including the change in policy reserves.

On February 1, 2011, we acquired the Star and Edison Businesses from American International Group, Inc. The results of these companies are reported with the Gibraltar Life operations and are included in the results presented below from the date of acquisition. The Star and Edison companies were merged into Gibraltar Life on January 1, 2012.

On December 31, 2009, we completed the sale of our minority joint venture interest in Wachovia Securities. In 2009, "Equity in earnings of operating joint ventures, net of taxes" includes a pre-tax gain on the sale of $\$ 2.247$ billion. In addition, "General and administrative expenses" includes certain one-time costs related to the sale of the joint venture interest of $\$ 104$ million for pre-tax compensation costs and costs related to increased contributions to the Company's charitable foundation. The total of these items is an aftertax gain of $\$ 1.389$ billion, or $\$ 2.95$ per share of Common Stock.

On May 1, 2009, we acquired Yamato Life, a Japanese life insurance company that declared bankruptcy in October 2008, and renamed The Prudential Gibraltar Financial Life Insurance Company, Ltd. Results presented below include the results of this company from the date of acquisition.

The 2009 income tax provision includes a benefit of $\$ 272$ million from a reduction to the liability for unrecognized tax benefits and related interest, primarily related to tax years prior to 2002 as a result of the expiration of the statute of limitations for the 2002 and 2003 tax years.

Our Gibraltar Life operations use a November 30 fiscal year end. Consolidated balance sheet data as of December 31, 2013, 2012, 2011, 2010 and 2009, includes Gibraltar Life assets and liabilities as of November 30. Consolidated income statement data for 2013, 2012, 2011, 2010 and 2009, includes Gibraltar Life results for the twelve months ended November 30, 2013, 2012, 2011, 2010 and 2009, respectively.

This selected consolidated financial information should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the Consolidated Financial Statements included elsewhere herein.

|  | Year Ended December 31, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 | 2010 | 2009 |
|  | (in millions, except per share and ratio information) |  |  |  |  |
| Income Statement Data: |  |  |  |  |  |
| Revenues: |  |  |  |  |  |
| Premiums | \$26,237 | \$65,354 | \$24,301 | \$18,238 | \$ 16,497 |
| Policy charges and fee income | 5,415 | 4,489 | 3,924 | 3,323 | 2,832 |
| Net investment income | 14,729 | 13,661 | 13,124 | 11,865 | 11,390 |
| Asset management fees and other income | 286 | 2,784 | 4,905 | 3,747 | 4,495 |
| Realized investment gains (losses), net | $(5,206)$ | $(1,441)$ | 2,831 | 1,050 | $(2,897)$ |
| Total revenues | 41,461 | 84,847 | 49,085 | 38,223 | 32,317 |
| Benefits and expenses: |  |  |  |  |  |
| Policyholders' benefits | 26,733 | 65,131 | 23,614 | 18,285 | 16,346 |
| Interest credited to policyholders' account balances | 3,111 | 4,234 | 4,484 | 4,209 | 4,484 |
| Dividends to policyholders | 2,050 | 2,176 | 2,723 | 2,189 | 1,298 |
| Amortization of deferred policy acquisition costs | 240 | 1,504 | 2,695 | 1,085 | 1,131 |
| General and administrative expenses | 11,011 | 11,094 | 10,605 | 8,309 | 7,788 |
| Total benefits and expenses | 43,145 | 84,139 | 44,121 | 34,077 | 31,047 |


|  | 2013 | 2012 | 2011 | 2010 |  | 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (in millions, except per share and ratio information) |  |  |  |  |  |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures | $(1,684)$ | 708 | 4,964 | 4,146 |  | 1,270 |
| Income tax expense (benefit) | $(1,058)$ | 213 | 1,515 | 1,266 |  | (115) |
| Income (loss) from continuing operations before equity in earnings of operating joint ventures | (626) | 495 | 3,449 | 2,880 |  | 1,385 |
| Equity in earnings of operating joint ventures, net of taxes | 59 | 60 | 182 | 82 |  | 1,523 |
| Income (loss) from continuing operations | (567) | 555 | 3,631 | 2,962 |  | 2,908 |
| Income (loss) from discontinued operations, net of taxes | 7 | 15 | 35 | 33 |  | (19) |
| Net income (loss) | (560) | 570 | 3,666 | 2,995 |  | 2,889 |
| Less: Income (loss) attributable to noncontrolling interests | 107 | 50 | 34 | 19 |  | (57) |
| Net Income (loss) attributable to Prudential Financial, Inc. | \$ (667) | \$ 520 | \$ 3,632 | \$ 2,976 |  | 2,946 |
| Basic earnings per share-Common Stock: |  |  |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.57) | \$ 1.02 | \$ 7.14 | \$ 5.25 | \$ | 7.33 |
| Income (loss) from discontinued operations, net of taxes | 0.02 | 0.04 | 0.07 | 0.07 |  | (0.05) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (1.55) | \$ 1.06 | \$ 7.21 | \$ 5.32 |  | 7.28 |
| Diluted earnings per share-Common Stock: |  |  |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.57) | \$ 1.01 | \$ 7.05 | \$ 5.20 | \$ |  |
| Income (loss) from discontinued operations, net of taxes | 0.02 | 0.04 | 0.07 | 0.06 |  | (0.04) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (1.55) | \$ 1.05 | \$ 7.12 | \$ 5.26 |  | 7.24 |
| Dividends declared per share-Common Stock | \$ 1.73 | \$ 1.60 | \$ 1.45 | \$ 1.15 |  | 0.70 |
| Basic and diluted earnings per share-Class B Stock: |  |  |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 22.00 | \$ 11.50 | \$ 61.00 | \$229.00 |  | 164.50) |
| Income (loss) from discontinued operations, net of taxes | 0.00 | (1.00) | 0.00 | 0.50 |  | 0.00 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ 22.00 | \$ 10.50 | \$ 61.00 | \$229.50 |  | 164.50) |
| Dividends declared per share-Class B Stock | \$ 9.625 | \$ 9.625 | \$ 9.625 | \$ 9.625 |  | 9.625 |
| Ratio of earnings to fixed charges(1) | - | 1.11 | 1.83 | 1.75 |  | 1.67 |

As of December 31,

|  |  |  | millio |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Balance Sheet Data: |  |  |  |  |  |
| Total investments excluding policy loans | \$386,407 | \$394,007 | \$273,245 | \$250,406 | \$232,322 |
| Separate account assets | 285,060 | 253,254 | 207,776 | 174,074 | 147,095 |
| Total assets | 731,781 | 709,235 | 535,744 | 476,449 | 442,399 |
| Future policy benefits and policyholders' account balances | 343,516 | 350,463 | 240,489 | 227,516 | 221,653 |
| Separate account liabilities | 285,060 | 253,254 | 207,776 | 174,074 | 147,095 |
| Short-term debt | 2,669 | 2,484 | 1,982 | 3,122 | 10,535 |
| Long-term debt | 23,553 | 24,729 | 23,653 | 21,037 | 20,290 |
| Total liabilities | 695,900 | 670,123 | 505,696 | 453,312 | 431,307 |
| Prudential Financial, Inc. equity | 35,278 | 38,503 | 29,535 | 22,603 | 10,741 |
| Noncontrolling interests | 603 | 609 | 513 | 534 | 351 |
| Total equity | \$ 35,881 | \$ 39,112 | \$ 30,048 | \$ 23,137 | \$ 11,092 |

(1) For purposes of this computation, earnings are defined as income from continuing operations before income taxes excluding undistributed income (loss) from equity method investments, fixed charges and interest capitalized. Also excludes earnings attributable to noncontrolling interests. Fixed charges are the sum of gross interest expense, interest credited to policyholders' account balances and an estimated interest component of rent expense. Due to the Company's loss for the year ended December 31, 2013, the ratio coverage was less than 1:1 and is therefore not presented. Additional earnings of $\$ 1,935$ million would have been required for the year ended December 31, 2013 to achieve a ratio of 1:1.

The historical information presented in the table above has been revised to reflect the impact of retrospective adoption of a discretionary change in accounting principle for recognition of performance based incentive fee revenue. For further information, see "-Accounting Policies and Pronouncements—Adoption of New Accounting Pronouncements" and Note 2 to the Consolidated Financial Statements.

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

You should read the following analysis of our consolidated financial condition and results of operations in conjunction with the "Forward-Looking Statements", "Selected Financial Data" and the "Consolidated Financial Statements" included in this Annual Report, as well as the "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K.

## Overview

Prudential Financial has two classes of common stock outstanding. The Common Stock, which is publicly traded (NYSE:PRU), reflects the performance of the Financial Services Businesses, while the Class B Stock, which was issued through a private placement and does not trade on any exchange, reflects the performance of the Closed Block Business. The Financial Services Businesses and the Closed Block Business are discussed below.

## Financial Services Businesses

Our Financial Services Businesses consist of three operating divisions, which together encompass six segments, and our Corporate and Other operations. The U.S. Retirement Solutions and Investment Management division consists of our Individual Annuities, Retirement and Asset Management segments. The U.S. Individual Life and Group Insurance division consists of our Individual Life and Group Insurance segments. The International Insurance division consists of our International Insurance segment. Our Corporate and Other operations include corporate items and initiatives that are not allocated to business segments, as well as businesses that have been or will be divested.

We attribute financing costs to each segment based on the amount of financing used by each segment, excluding financing costs associated with corporate debt which are reflected in Corporate and Other operations. The net investment income of each segment includes earnings on the amount of capital that management believes is necessary to support the risks of that segment.

We seek growth internally and through acquisitions, joint ventures or other forms of business combinations or investments. Our principal acquisition focus is in our current business lines, both domestic and international.

## Closed Block Business

In connection with the demutualization, we ceased offering domestic participating products. The liabilities for our traditional domestic in force participating products were segregated, together with assets, in a regulatory mechanism referred to as the "Closed Block." The Closed Block is designed generally to provide for the reasonable expectations for future policy dividends after demutualization of holders of participating individual life insurance policies and annuities included in the Closed Block by allocating assets that will be used exclusively for payment of benefits, including policyholder dividends, expenses and taxes with respect to these products. See Note 12 to the Consolidated Financial Statements and "Business-Demutualization and Separation of Business" included in Prudential Financial's 2013 Annual Report on Form 10-K for more information on the Closed Block.

## Revenues and Expenses

We earn our revenues principally from insurance premiums; mortality, expense, asset management and administrative fees from insurance and investment products; and investment of general account and other funds. We earn premiums primarily from the sale of individual life insurance, group life and disability insurance, and certain annuity contracts. We earn mortality, expense, and asset management fees primarily from the sale and servicing of separate account products including variable life insurance and variable annuities, and from the sale and servicing of other products including universal life insurance. We also earn asset management and administrative fees from the distribution, servicing and management of mutual funds, retirement products and other asset management products and services. Our operating expenses principally consist of insurance benefits provided and reserves established for anticipated future insurance benefits, general business expenses, dividends to policyholders, commissions and other costs of selling and servicing the various products we sell and interest credited on general account liabilities.

## Profitability

Our profitability depends principally on our ability to price our insurance and annuity products at a level that enables us to earn a margin over the costs associated with providing benefits and administering those products. Profitability also depends on, among other items, our actuarial and policyholder behavior experience on insurance and annuity products and our ability to attract and retain customer assets, generate and maintain favorable investment results, effectively deploy capital and utilize our tax capacity, and manage expenses.

Historically, the participating products included in the Closed Block have yielded lower returns on capital invested than many of our other businesses. As we have ceased offering domestic participating products, we expect that the proportion of the traditional participating products in our in force business will gradually diminish as these older policies age, and we grow other businesses. However, the relatively lower returns to us on this existing block of business will continue to affect our consolidated results of operations for many years. Our Common Stock reflects the performance of our Financial Services Businesses, but there can be no assurance that the market value of the Common Stock will reflect solely the performance of these businesses.

See "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K for a discussion of risks that have affected and may affect in the future our business, results of operations or financial condition, cause the trading price of our Common Stock to decline materially or cause our actual results to differ materially from those expected or those expressed in any forward looking statements made by or on behalf of the Company.

## Executive Summary

Prudential Financial, a financial services leader with approximately $\$ 1.107$ trillion of assets under management as of December 31, 2013, has operations in the United States, Asia, Europe and Latin America. Through our subsidiaries and affiliates, we offer a wide array of financial products and services, including life insurance, annuities, retirement-related services, mutual funds, and investment management. We offer these products and services to individual and institutional customers through one of the largest distribution networks in the financial services industry.

## Industry Trends

Our U.S. and international businesses are impacted by financial markets, economic conditions, regulatory oversight, and a variety of trends that affect the industries where we compete.

## U.S. Businesses

Financial and Economic Environment. Although economic and financial conditions continue to show signs of improvement, global market conditions and uncertainty continue to be factors in the markets in which we operate. As discussed further under "Impact of a Low Interest Rate Environment" below, interest rates in the U.S. remain lower than historical levels, despite recent increases, which continues to negatively impact our portfolio income yields. Continued high unemployment rates and limited growth in salaries also continue to be factors impacting certain business drivers, including contributions to defined contribution plans and the costs of group disability claims.

Regulatory Environment. Financial market dislocations have produced, and are expected to continue to produce, extensive changes in existing laws and regulations, and regulatory frameworks applicable to our businesses. As discussed under "Regulatory Developments" below, the Company is now subject to stricter prudential regulatory standards and supervision by the FRB as a Designated Financial Company. The use of captive reinsurance companies is also under increased scrutiny. In addition, state insurance laws regulate all aspects of our U.S. insurance businesses and our insurance products are substantially affected by federal and state tax laws. Insurance regulators have begun to implement significant changes in the way in which industry participants must determine statutory reserves and statutory capital, particularly for products with embedded options and guarantees such as variable annuities and universal life products with secondary guarantees.

Demographics. Income protection, wealth accumulation and the needs of retiring baby boomers continue to shape the insurance industry. Retirement security is one of the most critical issues in the U.S. for individuals and the investment professionals and institutions that support them. The risk and responsibility of retirement savings continues to shift to employees, away from the government and employers. Life insurance ownership among U.S. households remains low, with consumers citing other financial priorities and cost of insurance as reasons for the lack of coverage.

Competitive Environment. For the annuities business, traditional competitors continue to take actions to either exit the marketplace or de-risk products in response to recent market volatility. We proactively monitor changes in the annuity marketplace, and have taken actions to adapt our products to the current environment in order to maintain appropriate return prospects and improve our risk profile. We believe our current product offerings are competitively positioned and that our differentiated risk management strategies will provide us with an attractive risk and profitability profile.

Our retirement and asset management businesses compete on price, service and investment performance. The full service retirement markets are mature, with few dominant players. We have seen a trend toward unbundling of the purchase decision related to the recordkeeping and investment offerings, where product pricing, the variety of available funds and their performance are the key selection criteria of plan sponsors and intermediaries. Additionally, changes in the regulatory environment have driven more standard and consistent fee disclosures across industry providers, which has heightened pricing pressures and may accelerate the trend toward unbundling of services. Market disruption and rating agency downgrades have caused some of our institutional investment product competitors to withdraw from the market, creating significant growth opportunities for us in certain markets, including the investment-only stable value market. Recently, new and re-emerging competitors are entering the investment-only stable value market. The recovery of the equity, fixed income, and commercial real estate markets has positively impacted asset managers by increasing assets under management and corresponding fee levels. In addition, institutional fixed income managers have generally experienced positive flows as investors have re-allocated assets into fixed income to reduce risk, including the reduction of risk in pension plans. In recent years we have established ourselves as innovators in providing pension risk management solutions to plan sponsors, as underscored by the completion of two significant pension risk transfer transactions in 2012. We believe the emerging pension risk transfer market offers attractive opportunities that are aligned with our expertise.

The individual life and group life and disability markets are mature and, due to the large number of competitors, competition is driven mainly by price and service. The economy has exacerbated pressure on pricing, creating a challenge of maintaining pricing discipline. In the individual life market, many of our competitors took pricing actions in 2012 in response to the low interest rate environment. Our individual life sales in 2013 benefited from a strong competitive position as a result of these competitor actions, as well as expanded distribution opportunities from the acquisition of The Hartford's individual life business. In 2013 we implemented additional product design and pricing changes designed to shift sales away from guaranteed products toward non-guaranteed products. Maintaining our competitive positioning is dependent on sources of financing for the reserves associated with this business and timely utilization of the associated tax benefits. For group products, rate guarantees have become the industry norm, with rate guarantee durations trending upward, primarily for group life insurance, as a general industry practice. The group insurance industry has been very competitive in recent years, however we are beginning to see rate increases take hold throughout the industry. There is also an increased demand from clients for bundling of products and services to streamline administration and save costs by dealing with fewer carriers. As employers are attempting to control costs and shift benefit decisions and funding to employees, who continue to value benefits offered in the workplace, employeepaid (voluntary) product offerings and services are becoming increasingly important in the group market.

## International Businesses

Financial and Economic Environment. Our international insurance operations, especially in Japan, continue to operate in a low interest rate environment. However, the local market has adapted to the low rate environment in Japan. The continued low interest rate
environment in the U.S. may impact the attractiveness of U.S. dollar-denominated products in Japan relative to yen-denominated products. We are also subject to financial impacts associated with movements in foreign currency rates, particularly the Japanese yen. Fluctuations in the value of the yen will continue to impact the relative attractiveness of non-yen products marketed in Japan.

Regulatory Environment. Effective in April 2013, Japanese insurance regulators changed the standard discount rate for statutory reserves on new business. This resulted in increased statutory reserve requirements for new business and selective re-pricing of insurance products by insurers intended to maintain expected returns. We anticipate further changes in solvency regulation from jurisdiction to jurisdiction based on regulatory developments in the U.S., the European Union, and recommendations by an international standard setting body for the insurance regulators, as well as regulatory requirements for those companies deemed to be systemically important financial institutions, or SIFIs, in the U.S. or abroad. In addition, local regulators, including in Japan, may apply heightened scrutiny to non-domestic companies. Internationally, regulators are also increasingly adopting measures to provide greater consumer protection and privacy rights. Further, a bill passed by the Japanese legislature in 2012 will increase the consumption tax rate during 2014 and 2015. Insurance commissions are subject to consumption tax for individuals exceeding certain earnings thresholds, however, the tax is not charged on employee compensation or insurance premiums. The increase in this tax is expected to lead to increased costs for insurers.

Demographics. Japan has an aging population as well as a large pool of household assets invested in low yielding deposit and savings vehicles. The aging of Japan's population as well as strains on government pension programs have led to a growing demand for insurance products with a significant savings element to meet savings and retirement needs as the population transitions to retirement. We are seeing a similar shift to retirement oriented products in Korea and Taiwan, each of which also has an aging population.

Competitive Environment. The life insurance markets in Japan and Korea are mature. We generally compete more on distribution capabilities and service provided to customers than on price. The aging of Japan's population creates an increasing need for product innovation, introducing insurance products which allow for savings and income as the population transitions to retirement. The ability to sell through multiple and complementary distribution channels is a competitive advantage. However, competition for sales personnel as well as access to third party distribution channels is intense.

## Impact of a Low Interest Rate Environment

## Domestic Financial Services Businesses

As interest rates in the U.S. continue to remain lower than historical levels, our current reinvestment yields are consequently lower than the overall portfolio income yield, primarily for our investments in fixed maturity securities and commercial mortgage loans. With the Federal Reserve Board's stated intention to keep interest rates low through at least 2014, our overall portfolio income yields are expected to continue to decline throughout the coming year; however, the recent increase in interest rates, if sustained, will mitigate the impact of new investment purchases on our overall portfolio income yields.

For the domestic Financial Services Businesses' general account, we expect annual scheduled payments and prepayments to be approximately $10 \%$ of the fixed maturity security and commercial mortgage loan portfolios through 2015. The domestic Financial Services Businesses' general account has approximately $\$ 156$ billion of such assets (based on net carrying value) as of December 31, 2013. As these assets mature, the current average portfolio income yield for fixed maturities and commercial mortgage loans of approximately $4.5 \%$ is expected to decline due to reinvesting in a lower interest rate environment. Included in the $\$ 156$ billion of fixed maturity securities and commercial mortgage loans are approximately $\$ 63$ billion that are subject to call or redemption features at the issuer's option, which have a weighted average interest rate of approximately $5 \%$. As of December 31, 2013, approximately $80 \%$ of the assets contain prepayment penalties.

The reinvestment of scheduled payments and prepayments at rates below the current portfolio yield, including in some cases at rates below those guaranteed under our insurance contracts, will impact future operating results to the extent we do not, or are unable to, reduce crediting rates on in-force blocks of business, or effectively utilize other asset/liability management strategies described below, in order to maintain current net interest margins. As of December 31, 2013, our domestic Financial Services Businesses have approximately $\$ 150$ billion of insurance liabilities and policyholder account balances. Of this amount, approximately $\$ 49$ billion represents contracts with crediting rates that may be adjusted over the life of the contract, subject to guaranteed minimums. The following table sets forth the related account values by range of guaranteed minimum crediting rates and the related range of the difference, in basis points (bps), between rates being credited to contractholders as of December 31, 2013, and the respective guaranteed minimums.

|  |  | Account Values with Crediting Rates: |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |

Although we may have the ability to lower crediting rates for those contracts above guaranteed minimums, our willingness to do so may be limited by competitive pressures.

Our domestic Financial Services Businesses also have approximately $\$ 13$ billion of insurance liabilities and policyholder account balances representing participating contracts for which the investment income risk is expected to ultimately accrue to contractholders. The crediting rates for these contracts are periodically adjusted based on the yield earned on the related assets. The remaining $\$ 88$ billion of the $\$ 150$ billion of insurance liabilities and policyholder account balances in our domestic Financial Services Businesses represents long duration products such as group annuities, structured settlements and other insurance products that have fixed and guaranteed terms, for which underlying assets may have to be reinvested at interest rates that are lower than portfolio rates. We seek to mitigate the impact of a prolonged low interest rate environment on these contracts through asset/liability management, as discussed further below.

For the domestic Financial Services Businesses' general account, assuming a hypothetical scenario where the average 10-year U.S. Treasury rate is $3.00 \%$ for the period from January 1, 2014 through December 31, 2015, and credit spreads remain unchanged from levels as of December 31, 2013, we estimate that the unfavorable impact to net interest margins included in pre-tax adjusted operating income of reinvesting in such an environment, compared to reinvesting at current average portfolio income yields, would be approximately $\$ 16$ million in 2014 and $\$ 48$ million in 2015. This impact is most significant in the Retirement and Individual Annuities segments. This hypothetical scenario only reflects the impact related to the approximately $\$ 49$ billion of contracts shown in the table above, and does not reflect: i) any benefit from potential changes to the crediting rates on the corresponding contractholder liabilities where the Company has the contractual ability to do so, or other potential mitigants such as changes in investment mix that we may implement as funds are reinvested; ii) any impact related to assets that do not directly support our liabilities; iii) any impact from other factors, including but not limited to, new business, contractholder behavior, changes in competitive conditions, and changes in capital markets; and/or iv) any impact from other factors described below.

In order to mitigate the unfavorable impact that the current interest rate environment has on our net interest margins, we employ a proactive asset/liability management program, which includes strategic asset allocation and derivative strategies within a disciplined risk management framework. These strategies seek to match the characteristics of our products, and to closely approximate the interest rate sensitivity of the assets with the estimated interest rate sensitivity of the product liabilities. Our asset/liability management program also helps manage duration gaps, currency and other risks between assets and liabilities through the use of derivatives. We adjust this dynamic process as products change, as customer behavior changes and as changes in the market environment occur. As a result, our asset/liability management process has permitted us to manage interest-sensitive products successfully through several market cycles. Our interest rate exposure is also mitigated by our business mix, which includes lines of business for which fee-based and insurance underwriting earnings play a more prominent role in product profitability.

## Japanese Insurance Operations

Our Japanese insurance operations have experienced a low interest rate environment for many years. As of December 31, 2013, these operations have $\$ 126$ billion of insurance liabilities and policyholder account balances, which are predominantly comprised of long duration insurance products that have fixed and guaranteed terms, for which underlying assets may have to be reinvested at interest rates that are lower than portfolio rates. Also included in the $\$ 126$ billion are approximately $\$ 7$ billion of insurance liabilities and policyholder account balances with crediting rates that may be adjusted over the life of the contract, subject to guaranteed minimums; however, for these contracts, most of the current crediting rates are substantially at or near contractual minimums. Although we have the ability to lower crediting rates in some cases for those contracts above guaranteed minimum crediting rates, the majority of this business has credited interest rates which are determined by formula. Our Japanese insurance operations employ a proactive asset-liability management program in order to mitigate the unfavorable impact that the current interest rate environment has on our net interest margins, and includes strategies similar to those described for the domestic Financial Services Businesses above.

## Current Developments

On January 2, 2013, we completed the acquisition of The Hartford Financial Services Group, Inc.'s, or The Hartford, individual life insurance business ("Hartford Life Business") through a reinsurance transaction. The total cash consideration was $\$ 615$ million consisting primarily of a ceding commission to provide reinsurance for approximately 700,000 life insurance policies with net retained face amount in force of approximately $\$ 141$ billion.

On each of February 12, 2013, May 14, 2013, and August 15, 2013, Prudential Financial's Board of Directors declared a cash dividend of $\$ 0.40$ per share of Common Stock. On November 12, 2013, Prudential Financial's Board of Directors declared a cash dividend of $\$ 0.53$ per share of Common Stock. On February 11, 2014, Prudential Financial's Board of Directors declared a cash dividend of $\$ 0.53$ per share of Common Stock.

On June 11, 2013, Prudential Financial's Board of Directors authorized the Company to repurchase at management's discretion up to $\$ 1.0$ billion of its outstanding Common Stock during the period from July 1, 2013 through June 30, 2014. We purchased 6.1 million shares in 2013 under this authorization at a total cost of $\$ 500$ million. The timing and amount of any share repurchases will be determined by management based upon market conditions and other considerations, and such repurchases may be effected in the open market, through derivative, accelerated repurchase and negotiated transactions and through prearranged trading plans designed to comply with Rule 10b5-1(c) under the Exchange Act. We purchased 6.6 million shares under the prior twelve-month $\$ 1.0$ billion authorization that expired on June 30, 2013 for a total cost of $\$ 400$ million, including 3.9 million shares purchased in the first six months of 2013 at a total cost of $\$ 250$ million.

On January 2, 2014, we completed the acquisition of UniAsia Life Assurance Berhad, an established life insurance company in Malaysia, through the formation of a joint venture with Bank Simpanan Nasional ("BSN"), a bank owned by the Malaysian government. The joint venture paid cash consideration of approximately $\$ 160$ million, $70 \%$ of which was provided by Prudential Insurance and $30 \%$ of which was provided by BSN.

## Regulatory Developments

On September 19, 2013, the Financial Stability Oversight Council (the "Council") made a final determination that Prudential Financial is a Designated Financial Company. As a Designated Financial Company, Prudential Financial is subject to prudential regulatory standards and supervision by the Board of Governors of the Federal Reserve System ("FRB") (as a "Covered Company") pursuant to the Dodd-Frank Wall Street Reform and Consumer Protection Act. As a Designated Financial Company under the Dodd-Frank Act, Prudential Financial is
now subject to supervision and examination by the Federal Reserve Bank of Boston and to prudential regulatory standards, which include or will include requirements (some of which are subject to future rulemaking) regarding risk-based capital, leverage, liquidity, stresstesting, overall risk management, resolution plans, early remediation and credit concentration; and may also include additional standards regarding capital, public disclosure, short-term debt limits and other related subjects as appropriate. The Company must also seek preapproval from the Federal Reserve for acquisition of certain companies engaged in financial activities. See "Business-Regulation" and "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K for more information regarding the potential impact of the Dodd-Frank Act on the Company, including as a result of these stricter prudential standards.

On July 18, 2013, the Financial Stability Board (the "FSB"), consisting of representatives of national financial authorities of the G20 nations, identified the Company as a global systemically important insurer ("G-SII"). U.S. financial regulators are thereby expected to enhance their regulation of the Company to achieve a number of regulatory objectives, including enhanced group-wide supervision, enhanced capital standards (including basic capital and higher loss absorption capacity requirements which are expected to begin to be implemented in 2019), and development of a risk management plan (expected to be completed within 12 months of G-SII designation) and recovery and resolution plans (expected to be developed and agreed by the end of 2014).

At the direction of the FSB, the International Association of Insurance Supervisors (the "IAIS") is developing a model framework ("ComFrame") for the supervision of internationally active insurance groups ("IAIGs") that contemplates "group wide supervision" across national boundaries. Prudential Financial qualifies as an IAIG. In October 2013, the IAIS announced that it expects to develop a risk-based global insurance capital standard applicable to IAIGs by 2016, with full implementation scheduled to begin in 2019. In addition, the IAIS seeks to promote the financial stability of IAIGs by endorsing: uniform standards for insurer corporate governance and enterprise risk management; group-wide supervision of IAIGs; a framework for group capital adequacy assessment that accounts for group-wide risks; additional regulatory and disclosure requirements for insurance groups; and the establishment of ongoing supervisory colleges. In October 2013, several of the Company's domestic and foreign insurance regulators convened a supervisory college. The purpose of the supervisory college is to promote ongoing supervisory coordination, facilitate the sharing of information among regulators and to enhance each regulator's understanding of the Company's risk profile.

ComFrame also requires each IAIG to conduct a group-wide risk and solvency assessment ("ORSA") to monitor and manage its overall solvency. In addition, state insurance regulators have focused attention on U.S. insurance solvency regulation pursuant to the NAIC's "Solvency Modernization Initiative." This initiative has resulted in the recent adoption of the NAIC Risk Management and ORSA model act which, following enactment at the state level, will require a large insurer beginning in 2015 to at least annually assess the adequacy of its and its group's risk management and current and future solvency position.

Dodd-Frank also includes a new framework of regulation of the over-the-counter ("OTC") derivatives markets which requires clearing of certain types of transactions currently traded OTC and imposes additional costs, including new reporting and margin requirements. Our costs of risk mitigation are increasing under Dodd-Frank. For example, increased margin requirements including the requirement to pledge initial margin for OTC cleared transactions entered into after June 10, 2013, combined with restrictions on securities that will qualify as eligible collateral, will require increased holdings of cash and highly liquid securities with lower yields causing a reduction in income.

Most of our U.S. operating insurance companies are licensed in New York, but none are domiciled in New York. The New York Department of Financial Services ("NY DFS") has notified us that it does not agree with our calculation of statutory reserves (including the applicable credit for reinsurance) for New York purposes in respect of certain variable annuity products. We are currently in discussions with the NY DFS regarding the proper level of statutory reserves (including the applicable credit for reinsurance) for these products. If we are ultimately required to establish material additional reserves on a New York statutory accounting basis or post material amounts of additional collateral with respect to such variable annuity or other products, our ability to deploy capital held within our U.S. domestic insurance subsidiaries for other purposes could be affected.

In addition, the NAIC, the NY DFS and other regulators have increased their focus on life insurers' use of captive reinsurance companies. If applicable insurance laws are changed in a way that restricts our use of captive reinsurance companies in the future, our ability to write certain products and efficiently manage their associated risks could be adversely affected and we may need to increase prices on certain products, modify certain products or find alternate financing sources, any of which could adversely affect our competitiveness, capital and financial position and results of operations.

At this time we cannot predict the final outcome of the above regulatory developments, including the additional capital and liquidity requirements, compliance and regulatory costs, or other implications that may affect the Company.

## Outlook

Management expects that results in 2014 will continue to reflect the quality of our individual businesses and their prospects, as well as our overall business mix and effective capital management. In 2014, we will continue to focus on long-term strategic positioning and growth opportunities, including the following:

- U.S. Retirement and Investment Management Market. We seek to capitalize on the growing need of baby boomers for products that provide guaranteed income for longer retirement periods. In addition, we continue to focus on our clients' increasing needs for retirement income security given volatility in the financial markets. We also seek to provide products that respond to the needs of plan sponsors to manage risk and control their benefit costs.
- U.S. Insurance Market. We continue to focus on writing high-quality business and expect to continue to benefit from expansion of our distribution channels and deepening our relationships with third-party distributors. We also seek to capitalize on opportunities for additional voluntary life purchases in the group insurance market, as institutional clients are focused on controlling their benefit costs.
- International Markets. We continue to concentrate on deepening our presence in the markets in which we currently operate, such as Japan, and expanding our distribution capabilities in emerging markets. We seek to capitalize on opportunities arising in international markets as changing demographics and public policy have resulted in a growing demand for retirement income products.


## Results of Operations

Net loss of our Financial Services Businesses attributable to Prudential Financial, Inc. for the year ended December 31, 2013 was $\$ 713$ million compared to net income of $\$ 479$ million for 2012.

We analyze performance of the segments and Corporate and Other operations of the Financial Services Businesses using a measure called adjusted operating income. See "-Consolidated Results of Operations-Segment Measures" for a discussion of adjusted operating income and its use as a measure of segment operating performance.

Shown below are the contributions of each segment and Corporate and Other operations to our adjusted operating income for the years ended December 31, 2013, 2012 and 2011 and a reconciliation of adjusted operating income of our segments and Corporate and Other operations to income from continuing operations before income taxes and equity in earnings of operating joint ventures.

Results reflect the implementation of a discretionary change in accounting principle related to the accrual of performance-based incentive fee revenue in our Asset Management segment. For additional information, see Note 2 to the Consolidated Financial Statements below.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Adjusted operating income before income taxes for segments of the Financial Services Businesses: |  |  |  |
| Individual Annuities . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | \$ 2,085 | \$ 1,039 | \$ 662 |
| Retirement | 1,039 | 638 | 594 |
| Asset Management | 723 | 584 | 888 |
| Total U.S. Retirement Solutions and Investment Management Division | 3,847 | 2,261 | 2,144 |
| Individual Life | 583 | 384 | 482 |
| Group Insurance | 157 | 16 | 163 |
| Total U.S. Individual Life and Group Insurance Division | 740 | 400 | 645 |
| International Insurance | 3,152 | 2,704 | 2,263 |
| Total International Insurance Division | 3,152 | 2,704 | 2,263 |
| Corporate and Other | (1,370) | $(1,338)$ | $(1,112)$ |
| Adjusted operating income before income taxes for the Financial Services Businesses | 6,369 | 4,027 | 3,940 |
| Reconciling Items: |  |  |  |
| Realized investment gains (losses), net, and related adjustments(1) | $(9,956)$ | $(3,666)$ | 2,503 |
| Charges related to realized investment gains (losses), net(2) . | 1,807 | 857 | $(1,656)$ |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net(3) | (250) | 610 | 223 |
| Change in experience-rated contractholder liabilities due to asset value changes(4) . . . . | 227 | (540) | (123) |
| Divested businesses(5) | 29 | (615) | 90 |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests(6) | 28 | (29) | (227) |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures for Financial Services Businesses | $(1,746)$ | 644 | 4,750 |
| Income (loss) from continuing operations before income taxes for Closed Block Business | 62 | 64 | 214 |
| Consolidated income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures | \$(1,684) | \$ 708 | \$ 4,964 |

(1) Represents "Realized investment gains (losses), net," and related adjustments. See "—Realized Investment Gains and Losses" and Note 22 to our Consolidated Financial Statements for additional information.
(2) Includes charges that represent the impact of realized investment gains (losses), net, on the amortization of deferred policy acquisition costs and other costs, and on changes in reserves. Also includes charges resulting from payments related to market value adjustment features of certain of our annuity products and the impact of realized investment gains (losses), net, on the amortization of unearned revenue reserves.
(3) Represents net investment gains and losses on trading account assets supporting insurance liabilities. See "-Experience-Rated Contractholder Liabilities, Trading Account Assets Supporting Insurance Liabilities and Other Related Investments."
(4) Represents changes in contractholder liabilities due to asset value changes in the pool of investments supporting these experience-rated contracts. See "-Experience-Rated Contractholder Liabilities, Trading Account Assets Supporting Insurance Liabilities and Other Related Investments."
(5) See "-Divested Businesses."
(6) Equity in earnings of operating joint ventures are included in adjusted operating income but excluded from income from continuing operations before income taxes and equity in earnings of operating joint ventures as they are reflected on a U.S. GAAP basis on an after-tax basis as a separate line in our Consolidated Statements of Operations. Earnings attributable to noncontrolling interests are excluded from adjusted operating income but included in income from continuing operations before taxes and equity earnings of operating joint ventures as they are reflected on a U.S. GAAP basis as a separate line in our Consolidated Statements of Operations. Earnings attributable to noncontrolling interests represent the portion of earnings from consolidated entities that relates to the equity interests of minority investors.

## Results for 2013 presented above reflect the following:

Individual Annuities. Segment results for 2013 increased in comparison to 2012. The increase reflects a favorable comparative impact from changes in the estimated profitability of the business, driven by annual reviews and updates of assumptions performed in the third quarter of each year, and market performance relative to assumptions. Also contributing to the increase are higher asset-based fee income, driven by higher average variable annuity account values, net of a related increase in asset-based commissions and reserve provisions, as well as lower general and administrative expenses, net of capitalization.

Retirement. Segment results for 2013 increased in comparison to 2012. The increase reflects higher net investment spread, including favorable results from non-coupon investments, and a more favorable reserve impact from case experience, both primarily driven by the
significant pension risk transfer transactions that closed in the fourth quarter of 2012. Also contributing to this increase was higher assetbased fee income reflecting higher comparative investment-only stable value product account values and equity market appreciation. These increases were partially offset by higher general and administrative expenses, net of capitalization.

Asset Management. Segment results for 2013 increased in comparison to 2012 primarily driven by higher asset management fees, net of expenses, reflecting continued growth in assets under management, as well as the absence of losses incurred in 2012 associated with two real estate investments from the segment's strategic investing activities, partially offset by a lower contribution from the segment's commercial mortgage activities.

Individual Life. Segment results for 2013 increased in comparison to 2012. The increase primarily reflects earnings from the in force business acquired from the Hartford in January 2013 as well as favorable comparative impacts from mortality experience and our annual reviews and updates of assumptions.

Group Insurance. Segment results increased in 2013 in comparison to 2012 primarily driven by more favorable group life and disability underwriting results and a favorable comparative impact from our annual reviews and updates of assumptions and other refinements.

International Insurance. Segment results for 2013 increased in comparison to 2012. The increase reflects business growth in both our Life Planner and Gibraltar Life and Other operations, additional synergies and lower integration costs associated with our acquisition of the former Star and Edison Businesses, favorable results from non-coupon investments, and more favorable foreign currency exchange rates, including the impact of our currency hedging programs. Partly offsetting these favorable items was the impact from our annual reviews and updates of assumptions used in estimating the profitability of the business, as well as reserve strengthening on certain policies based on an internal review.

Corporate and Other operations. The results for 2013 as compared to 2012 reflect an increased loss primarily driven by higher levels of expenses and greater interest expense, net of investment income, including the impact of debt prefunding activities.

Closed Block Business. Income from continuing operations before income taxes was essentially unchanged from 2012 as a decline in net investment income was largely offset by a corresponding decrease in the policyholder dividend obligation.

## Consolidated Results of Operations

The following table summarizes net income for the Financial Services Businesses and the Closed Block Business for the periods presented.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Financial Services Businesses: |  |  |  |
| Revenues | \$35,425 | \$78,590 | \$42,070 |
| Benefits and expenses | 37,171 | 77,946 | 37,320 |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures for |  |  |  |
| Financial Services Businesses | $(1,746)$ | 644 | 4,750 |
| Income tax expense (benefit) | $(1,074)$ | 192 | 1,447 |
| Income (loss) from continuing operations before equity in earnings of operating joint ventures for Financial Services |  |  |  |
| Businesses | (672) | 452 | 3,303 |
| Equity in earnings of operating joint ventures, net of taxes | 59 | 60 | 182 |
| Income (loss) from continuing operations for Financial Services Businesses | (613) | 512 | 3,485 |
| Income from discontinued operations, net of taxes | 7 | 17 | 35 |
| Net income (loss)—Financial Services Businesses | (606) | 529 | 3,520 |
| Less: Income attributable to noncontrolling interests | 107 | 50 | 34 |
| Net income (loss) of Financial Services Businesses attributable to Prudential Financial, Inc. | \$ (713) | \$ 479 | \$ 3,486 |
| Closed Block Business: |  |  |  |
| Revenues | \$ 6,036 | \$ 6,257 | \$ 7,015 |
| Benefits and expenses | 5,974 | 6,193 | 6,801 |
| Income from continuing operations before income taxes for Closed Block Business | 62 | 64 | 214 |
| Income tax expense | 16 | 21 | 68 |
| Income from continuing operations for Closed Block Business | 46 | 43 | 146 |
| Income (loss) from discontinued operations, net of taxes | 0 | (2) | 0 |
| Net income-Closed Block Business | 46 | 41 | 146 |
| Less: Income attributable to noncontrolling interests | 0 | 0 | 0 |
| Net income of Closed Block Business attributable to Prudential Financial, Inc. | \$ 46 | \$ 41 | \$ 146 |
| Consolidated: |  |  |  |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (667) | \$ 520 | \$ 3,632 |

## Results of Operations—Financial Services Businesses

2013 to 2012 Annual Comparison. Income from continuing operations for the Financial Services Businesses decreased \$1,125 million from 2012 to 2013. Results for 2013 compared to 2012 reflect the following:

- A $\$ 3,072$ million unfavorable variance, before income taxes, reflecting the net impact from changes in the value of our embedded derivatives and related hedge positions associated with certain variable annuities, largely driven by changes in the adjustment for non-performance risk, as well as the impacts from our annual reviews and updates of assumptions performed in the third quarter;
- Lower net pre-tax earnings of $\$ 2,392$ million resulting from the impact of foreign currency exchange rate movements on certain non-yen denominated assets and liabilities within our Japanese insurance operations which are economically matched and offset in AOCI, driven by the weakening of the Japanese yen; and
- $\$ 1,802$ million lower net pre-tax realized gains (losses), excluding the impact of the hedging program associated with certain variable annuities described above, primarily reflecting changes in the market value of derivatives due to changes in interest rates and foreign currency exchange rate movements.

Partially offsetting these decreases in income from continuing operations were the following items:

- More favorable results of $\$ 1,897$ million, on a pre-tax basis, associated with our Capital Protection Framework, driven by an increase in interest rates, reflecting our decision to manage interest rate risk through this framework;
- A $\$ 1,408$ million favorable variance, before taxes, from adjustments to deferred policy acquisition and other costs as well as reserves, reflecting updates to the estimated profitability of our businesses primarily driven by the impact of our annual reviews and updates of assumptions performed in the third quarter of each year. This includes the absence of a $\$ 698$ million net charge in 2012 associated with long-term care products, which are included in Divested Businesses, but excludes the impact associated with the variable annuity hedging program discussed above; and
- A $\$ 1,266$ million decrease in income tax expense reflecting a decrease in pre-tax income from continuing operations (see "-Income Taxes" for additional information).
In addition to the items above, our segment's earnings benefited from business growth, including the impact from higher account values, particularly within our U.S. Retirement Solutions and Investment Management Division, growth of in force in our International Insurance Division, contributions from our acquisition of the Hartford Life Business, and higher income from noncoupon investments (see "-Results of Operations for Financial Services Businesses by Segment" for additional information).

2012 to 2011 Annual Comparison. Income from continuing operations for the Financial Services Businesses decreased \$2,973 million from 2011 to 2012. Results for 2012 compared to 2011 reflect the following:

- A $\$ 2,386$ million unfavorable variance, before income taxes, reflecting the net impact from changes in the value of our embedded derivatives and related hedge positions associated with certain variable annuities, including the impacts from our annual reviews and updates of assumptions performed in the third quarter;
- Lower pre-tax earnings of $\$ 2,377$ million resulting from the impact of foreign currency exchange rate movements on certain nonyen denominated assets and liabilities within our Japanese insurance operations which are economically matched and offset in AOCI, driven by the weakening of the Japanese yen;
- A $\$ 336$ million unfavorable variance, before taxes, from adjustments to deferred policy acquisition and other costs as well as reserves, reflecting updates to the estimated profitability of our businesses primarily driven by the impact of our annual reviews and updates of assumptions performed in the third quarter of each year. This includes a $\$ 698$ million net charge in 2012 associated with long-term care products, which are included in Divested Businesses, but excludes the impact associated with the variable annuity hedging program discussed above;
- Lower net pre-tax realized gains (losses) of $\$ 539$ million, excluding the impact of the hedging program associated with certain variable annuities described above, primarily reflecting changes in the market value of derivatives due to changes in interest rates as well as foreign currency exchange rate movements;
- The comparative impact of a $\$ 237$ million pre-tax benefit in 2011 compared to a pre-tax benefit of $\$ 60$ million in 2012 reflecting partial sales of our indirect interest in China Pacific Insurance Group; and
- The absence of a $\$ 96$ million pre-tax gain in 2011 reflecting the sale of our investment in Afore XXI, an operating joint venture in our Asset Management segment.

Partially offsetting these decreases in income from continuing operations were the following items:

- More favorable results of $\$ 1,827$ million, on a pre-tax basis, associated with our Capital Protection Framework, driven by an increase in interest rates, reflecting our decision to manage interest rate risk through this framework; and
- A $\$ 1,255$ million decrease in income tax expense reflecting a decrease in pre-tax income from continuing operations; and
- The absence of a $\$ 93$ million pre-tax charge recorded in 2011 for estimated payments arising from use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders.


## Results of Operations—Closed Block Business

For a discussion of the results of operations for the Closed Block Business, see "-Results of Operations of Closed Block Business" below.

## Segment Measures

Adjusted Operating Income. In managing our business, we analyze operating performance separately for our Financial Services Businesses and our Closed Block Business. For the Financial Services Businesses, we analyze our segments’ operating performance using
"adjusted operating income." Results of the Closed Block Business for all periods are evaluated and presented only in accordance with U.S. GAAP. Adjusted operating income does not equate to "income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures" or "net income" as determined in accordance with U.S. GAAP but is the measure of segment profit or loss we use to evaluate segment performance and allocate resources, and consistent with authoritative guidance, is our measure of segment performance. The adjustments to derive adjusted operating income are important to an understanding of our overall results of operations. Adjusted operating income is not a substitute for income determined in accordance with U.S. GAAP, and our definition of adjusted operating income may differ from that used by other companies. However, we believe that the presentation of adjusted operating income as we measure it for management purposes enhances understanding of our results of operations by highlighting the results from ongoing operations and the underlying profitability of the Financial Services Businesses.

See Note 22 to the Consolidated Financial Statements for further information on the presentation of segment results and our definition of adjusted operating income.

Annualized New Business Premiums. In managing certain of our businesses, we analyze annualized new business premiums, which do not correspond to revenues under U.S. GAAP. Annualized new business premiums measure the current sales performance of the business, while revenues primarily reflect the renewal persistency of policies written in prior years and net investment income, in addition to current sales. Annualized new business premiums include $10 \%$ of first year premiums or deposits from single pay products. No other adjustments are made for limited pay contracts.

Assets Under Management. In managing our Asset Management business, we analyze assets under management, which do not correspond to U.S. GAAP assets, because the principal source of revenues is fees based on assets under management. Assets under management represents the fair market value or account value of assets which we manage directly for institutional clients, retail clients, and for our general account, as well as assets invested in our products that are managed by third party managers.

Account Values. For our Individual Annuity and Retirement businesses, assets are reported at account value, which do not correspond to U.S. GAAP assets. Net sales (redemptions) in our Individual Annuity business and net additions (withdrawals) in our Retirement business do not correspond to revenues under U.S. GAAP, but are used as relevant measures of business activity.

## Accounting Policies \& Pronouncements

## Application of Critical Accounting Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America, or U.S. GAAP, requires the application of accounting policies that often involve a significant degree of judgment. Management, on an ongoing basis, reviews estimates and assumptions used in the preparation of financial statements. If management determines that modifications in assumptions and estimates are appropriate given current facts and circumstances, the Company's results of operations and financial position as reported in the Consolidated Financial Statements could change significantly.

The following sections discuss the accounting policies applied in preparing our financial statements that management believes are most dependent on the application of estimates and assumptions and require management's most difficult, subjective, or complex judgments.

## Deferred Policy Acquisition and Other Costs

We capitalize costs that are directly related to the acquisition or renewal of insurance and annuity contracts. These costs primarily include commissions, as well as costs of policy issuance and underwriting and certain other expenses that are directly related to successfully negotiated contracts. See Note 2 to our Consolidated Financial Statements for a discussion of the authoritative guidance adopted effective January 1, 2012, regarding which costs relating to the acquisition of new or renewal insurance contracts qualify for deferral. We have also deferred costs associated with sales inducements related to our variable and fixed annuity contracts primarily within our Individual Annuities segment. Sales inducements are amounts that are credited to the policyholder's account balance as an inducement to purchase the contract. For additional information about sales inducements, see Note 11 to the Consolidated Financial Statements. We generally amortize these deferred policy acquisition costs, or DAC, and deferred sales inducements, or DSI, over the expected lives of the contracts, based on our estimates of the level and timing of gross margins, gross profits, or gross premiums, depending on the type of contract. As described in more detail below, in calculating DAC and DSI amortization, we are required to make assumptions about investment returns, mortality, persistency, and other items that impact our estimates of the level and timing of gross margins, gross profits, or gross premiums. We also periodically evaluate the recoverability of our DAC and DSI. For certain contracts, this evaluation is performed as part of our premium deficiency testing, as discussed further below in "-Policyholder Liabilities." As of December 31, 2013, DAC and DSI in our Financial Services Businesses were $\$ 16.1$ billion and $\$ 1.8$ billion, respectively, and DAC in our Closed Block Business was $\$ 411$ million.

## Amortization methodologies

DAC associated with the traditional participating products of our Closed Block Business is amortized over the expected lives of those contracts in proportion to estimated gross margins. Gross margins consider premiums, investment returns, benefit claims, costs for policy administration, changes in reserves, and dividends to policyholders. We evaluate our estimates of future gross margins and adjust the related DAC balance with a corresponding charge or credit to current period earnings for the effects of actual gross margins and changes in our expected future gross margins. DAC adjustments for these participating products generally have not created significant volatility in our results of operations since many of the factors that affect gross margins are also included in the determination of our dividends to these policyholders and, during most years, the Closed Block has recognized a cumulative policyholder dividend obligation expense in "Policyholders' dividends," for the excess of actual cumulative earnings over expected cumulative earnings as determined at the time of demutualization. However, if actual cumulative earnings fall below expected cumulative earnings in future periods, thereby eliminating the cumulative policyholder dividend obligation expense, changes in gross margins and DAC amortization would result in a net impact to the Closed Block Business results of operations. As of December 31, 2013, the excess of actual cumulative earnings over the expected cumulative earnings was $\$ 887$ million.

DAC associated with the non-participating whole life and term life policies of our Individual Life segment and the whole life, term life, endowment and health policies of our International Insurance segment is amortized in proportion to gross premiums.

DAC and DSI associated with the variable and universal life policies of our Individual Life and International Insurance segments and the variable and fixed annuity contracts of our Individual Annuities and International Insurance segments are generally amortized over the expected life of these policies in proportion to total gross profits. Total gross profits include both actual gross profits and estimates of gross profits for future periods. In calculating gross profits, we consider mortality, persistency, and other elements as well as rates of return on investments associated with these contracts and the costs related to our guaranteed minimum death and guaranteed minimum income benefits. For variable annuities in our Individual Annuities segment, actual gross profits also include the impacts of the embedded derivatives associated with certain of the optional living benefit features of our variable annuity contracts and related hedging activities, and actual gross profits used to determine amortization rates include the difference between the change in the fair value of hedge positions and the change in the value of an internallydefined hedge target related to these features. In calculating amortization expense, we estimate the amounts of gross profits that will be included in our U.S. GAAP results and in adjusted operating income, and utilize these estimates to calculate distinct amortization rates and expense amounts. We also regularly evaluate and adjust the related DAC and DSI balances with a corresponding charge or credit to current period earnings for the impact of actual gross profits and changes in our projections of estimated future gross profits on our DAC and DSI amortization rates. Adjustments to the DAC and DSI balances include the impact to our estimate of total gross profits of the annual review of assumptions, our quarterly adjustments for current period experience, and our quarterly adjustments for market performance. Each of these adjustments is further discussed below in "-Annual assumptions review and quarterly adjustments." For additional information on our internally-defined hedge target, see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities-Variable Annuity Living Benefits Hedging Program Results."

The amortization methodologies for products not discussed above primarily relate to less significant DAC balances associated with products in our Group Insurance and Retirement segments, which comprised approximately $2 \%$ of the Company's total DAC balance as of December 31, 2013.

## Annual assumptions review and quarterly adjustments

Annually, during the third quarter, we perform a comprehensive review of the assumptions used in estimating gross profits for future periods. Over the last several years, the Company's most significant assumption updates resulting in a change to expected future gross profits and the amortization of DAC and DSI have been related to lapse experience and other contractholder behavior assumptions, mortality, and revisions to expected future rates of returns on investments. These assumptions may also cause potential significant variability in amortization expense in the future. The impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time.

The quarterly adjustments for current period experience referred to above reflect the impact of differences between actual gross profits for a given period and the previously estimated expected gross profits for that period. To the extent each period's actual experience differs from the previous estimate for that period, the assumed level of total gross profits may change. In these cases, we recognize a cumulative adjustment to all previous periods' amortization, also referred to as an experience true-up adjustment.

The quarterly adjustments for market performance referred to above reflect the impact of changes to our estimate of total gross profits to reflect actual fund performance and market conditions. A significant portion of gross profits for our variable annuity contracts and, to a lesser degree, our variable life policies are dependent upon the total rate of return on assets held in separate account investment options. This rate of return influences the fees we earn, costs we incur associated with the guaranteed minimum death and guaranteed minimum income benefit features related to our variable annuity contracts, as well as other sources of profit. Returns that are higher than our expectations for a given period produce higher than expected account balances, which increase the future fees we expect to earn and decrease the future costs we expect to incur associated with the guaranteed minimum death and guaranteed minimum income benefit features related to our variable annuity contracts. The opposite occurs when returns are lower than our expectations. The changes in future expected gross profits are used to recognize a cumulative adjustment to all prior periods' amortization.

The near-term future rate of return assumptions used in evaluating DAC and DSI for our domestic variable annuity and variable life insurance products are derived using a reversion to the mean approach, a common industry practice. Under this approach, we consider historical equity returns over a period of time and initially adjust future projected equity returns over the next four years (the "near-term") so that the assets are projected to grow at the long-term expected rate of return for the entire period. If the near-term projected future rate of return is greater than our near-term maximum future rate of return of $13 \%$, we use our maximum future rate of return. As of December 31 2013, our variable annuities and variable life insurance businesses assume an $8.0 \%$ long-term equity expected rate of return and a $3.9 \%$ near-term mean reversion equity rate of return.

The weighted average rate of return assumptions for these businesses consider many factors specific to each business, including asset durations, asset allocations and other factors. We generally update the near term equity rates of return and our estimate of total gross profits each quarter to reflect the result of the reversion to the mean approach, which assumes a convergence to the long-term equity expected rates of return. These market performance related adjustments to our estimate of total gross profits result in cumulative adjustments to prior amortization, reflecting the application of the new required rate of amortization to all prior periods' gross profits.

## DAC and DSI Sensitivities

Variability in the level of amortization expense has historically been driven by the variable annuities and variable and universal life insurance policies in our Individual Life and Individual Annuities segments, for which costs are amortized in proportion to total gross profits. For our International Insurance segment, these products have historically experienced less significant variability due to a less material block of variable annuities and variable and universal life insurance policies.

For the variable and universal life policies of our Individual Life segment, a significant portion of our gross profits is derived from mortality margins. As a result, our estimates of future gross profits are significantly influenced by our mortality assumptions. Our mortality assumptions are used to estimate future death claims over the life of these policies and may be developed based on Company experience, industry experience and/or other factors. Unless a material change in mortality experience that we feel is indicative of a long term trend is observed in an interim period, we generally update our mortality assumptions annually in the third quarter. Updates to our mortality assumptions in future periods could have a significant adverse or favorable effect on the results of our operations in the Individual Life segment.

The DAC balance associated with the variable and universal life policies of our Individual Life segment as of December 31, 2013 was $\$ 2.6$ billion. The following table provides a demonstration of the sensitivity of that DAC balance relative to our future mortality assumptions by quantifying the adjustments that would be required, assuming both an increase and decrease in our future mortality rate by $1 \%$. The information below is for illustrative purposes only and considers only the direct effect of changes in our mortality assumptions on the DAC balance, with no changes in any other assumptions such as persistency, future rate of return, or expenses included in our evaluation of DAC. Further, this information does not reflect changes in reserves, such as the reserves for no lapse guarantees and the unearned revenue reserve, which would partially offset the adjustments to the DAC balance reflected below. These reserves are discussed in more detail below in "-Policyholder Liabilities."

$\frac{\text { December 31, } 2013}{\frac{\text { ncrease/(Decrease) in DAC }}{\text { (in millions) }}}$| $\$ 35$ |
| :---: |
| $\$(36)$ |

Decrease in future mortality by $1 \%$
\$(36)
Increase in future mortality by $1 \%$
In addition to the impact of mortality experience relative to our assumptions, other factors may also drive variability in amortization expense, particularly during the third quarter when assumption updates are performed. As noted above, however, the impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time. In the third quarter of 2013, updates to mortality assumptions drove the most significant changes to amortization expense. For a discussion of DAC adjustments related to our Individual Life segment for the years ended December 31, 2013, 2012 and 2011, see "-Results of Operations for Financial Services Businesses by Segment—U.S. Individual Life and Group Insurance Division—Individual Life."

For the variable annuity contracts of our Individual Annuities segment, DAC and DSI are more sensitive to changes in our future rate of return assumptions due primarily to the significant portion of our gross profits that is dependent upon the total rate of return on assets held in separate account investment options. The DAC and DSI balances associated with our domestic variable annuity contracts were $\$ 5.5$ billion and $\$ 1.8$ billion, respectively, as of December 31, 2013. The following table provides a demonstration of the sensitivity of each of these balances relative to our future rate of return assumptions by quantifying the adjustments to each balance that would be required assuming both an increase and decrease in our future rate of return by 100 basis points. The sensitivity includes an increase and decrease of 100 basis points to both the near-term future rate of return assumptions used over the next four years, and the long-term expected rate of return used thereafter. The information below is for illustrative purposes only and considers only the direct effect of changes in our future rate of return on the DAC and DSI balances and not changes in any other assumptions such as persistency, mortality, or expenses included in our evaluation of DAC and DSI. Further, this information does not reflect changes in reserves, such as the reserves for the guaranteed minimum death and optional living benefit features of our variable annuity products, or the impact that changes in such reserves may have on the DAC and DSI balances.

|  | Decembe | 31, 2013 |
| :---: | :---: | :---: |
|  | Increase/ (Decrease) in DAC | Increase/ (Decrease) in DSI |
|  | (in m | ions) |
| Decrease in future rate of return by 100 basis points | \$(65) | \$(34) |
| Increase in future rate of return by 100 basis points ... | \$ 63 | \$ 32 |

In addition to the impact of market performance relative to our future rate of return assumptions, other factors may also drive variability in amortization expense, particularly during the third quarter when assumption updates are performed. As noted above, however, the impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time. In the third quarter of 2013, updates to lapse rate and utilization rate assumptions drove the most significant changes to amortization expense. For a discussion of DAC and DSI adjustments related to our Individual Annuities segment for the years ended December 31, 2013, 2012 and 2011, see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities."

## Value of Business Acquired

In addition to DAC and DSI, we also recognize an asset for value of business acquired, or VOBA. VOBA is an intangible asset which represents an adjustment to the stated value of acquired inforce insurance contract liabilities to present them at fair value, determined as of the acquisition date. It includes an explicit adjustment to reflect the cost of capital attributable to the acquired insurance contracts. VOBA is amortized over the expected life of the acquired contracts in proportion to either gross premiums or estimated gross profits, depending on the type of contract. VOBA is also subject to recoverability testing. As of December 31, 2013, VOBA was $\$ 3,675$ million, and included $\$ 2,036$ million related to the acquisition from American International Group, Inc., or AIG, of AIG Star Life Insurance Co., Ltd, AIG Edison Life Insurance Company, and related entities (collectively, the "Star and Edison Businesses") on February 1, 2011, and \$1,373 million related to the acquisition of the Hartford's individual life insurance business. See Note 3 to the Consolidated Financial Statements for additional information on these acquisitions. The remaining $\$ 266$ million primarily relates to previously-acquired traditional life, deferred annuity, defined contribution and defined benefit businesses. For additional information about VOBA including details on items included in our estimates of future cash flows for the various acquired businesses and its bases for amortization, see Note 2 and Note 8 to the Consolidated Financial Statements.

## Goodwill

As of December 31, 2013, our goodwill balance of $\$ 839$ million is reflected in the following four reporting units: $\$ 444$ million related to our Retirement Full Service business, $\$ 240$ million related to our Asset Management business, $\$ 137$ million related to our Gibraltar Life and Other operations and $\$ 18$ million related to our International Insurance Life Planner business.

We test goodwill for impairment on an annual basis, as of December 31 of each year, or more frequently if events or circumstances indicate the potential for impairment is more likely than not. The goodwill impairment analysis is performed at the reporting unit level which is equal to or one level below our operating segments. This analysis includes a qualitative assessment, for which reporting units may
elect to bypass in accordance with accounting guidance, and a quantitative analysis consisting of two steps. For additional information on goodwill and the process for testing goodwill for impairment, see Note 2 and Note 9 to the Consolidated Financial Statements.

The International Insurance's Life Planner business and the Asset Management segment elected to bypass the qualitative assessment and complete their impairment analysis using an earnings multiple approach. The earnings multiple approach indicates the value of a business based on comparison to publicly-traded comparable companies in similar lines of business. Each comparable company is analyzed based on various factors, including, but not limited to, financial risk, size, geographic diversification, profitability, adequate financial data, and an actively traded stock price. A multiple of price to earnings is developed for the comparable companies using independent analysts' consensus estimates for each company's 2014 forecasted earnings. The multiples are then aggregated and a mean and median multiple is calculated for the group. The lower of the mean or median multiple is then applied to the 2014 forecasted earnings of the reporting unit to develop a value. A control premium is then added to determine a total estimated fair value for the reporting unit.

The Retirement Full Service business and Gibraltar Life and Other operations also elected to bypass the qualitative assessment and complete their impairment analysis using a discounted cash flow approach. The discounted cash flow approach calculates the value of a business by applying a discount rate reflecting the market expected weighted average rate of return to the projected future cash flows of the reporting unit. These projected future cash flows were based on our internal forecasts, an expected growth rate and a terminal value. The weighted average rate of return, or WARR, represents the required rate of return on total capitalization. It is comprised of a required rate of return on equity of a company and the current tax-affected cost of debt, which are then weighted by the relative percentages of equity and debt assumed in the capital structure. To estimate the return on equity, we applied the Capital Asset Pricing Model, or CAPM. The CAPM is a generally accepted method for estimating an equity investor's return requirement, and hence a company's cost of equity capital. CAPM is determined by beginning with the long-term risk-free rate of return then applying adjustments that consider the equity risk premium required for large company common stock investments as well as company specific adjustments to address volatility, small company premiums and other risks particular to a specific company. The WARR calculation is applied to a group of companies considered peers of the reporting unit to develop a weighted average rate of return for the peer group which is then used to estimate the market expected weighted average rate of return for the reporting unit. This process resulted in a discount rate of $12 \%$ which was then applied to the expected future cash flows of the Retirement Full Service business and Gibraltar Life and Other operations to estimate its fair value.

After completion of Step 1 of the quantitative tests, it was determined that fair values exceeded the carrying amounts for each of the four reporting units and it was concluded there was no impairment as of December 31, 2013. The Asset Management, International Insurance's Life Planner, Gibraltar Life and Other operations and Retirement Full Service businesses had estimated fair values that exceeded their carrying amounts, each by more than $45 \%$.

Estimating the fair value of reporting units is a subjective process that involves the use of significant estimates by management. Regarding all reporting units tested, market declines or other events impacting the fair value of these businesses, including discount rates, interest rates and growth rate assumptions or increases in the level of equity required to support these businesses, could result in goodwill impairments, resulting in a charge to income.

## Valuation of Investments, Including Derivatives, and the Recognition of Other-than-Temporary Impairments

Our investment portfolio consists of public and private fixed maturity securities, commercial mortgage and other loans, equity securities, other invested assets, and derivative financial instruments. Derivatives are financial instruments whose values are derived from interest rates, foreign exchange rates, financial indices or the values of securities or commodities. Derivative financial instruments we generally use include swaps, futures, forwards and options and may be exchange-traded or contracted in the over-the-counter market. We are also party to financial instruments that contain derivative instruments that are "embedded" in the financial instruments. Management believes the following accounting policies related to investments, including derivatives, are most dependent on the application of estimates and assumptions. Each of these policies is discussed further within other relevant disclosures related to the investments and derivatives, as referenced below.

- Valuation of investments, including derivatives
- Recognition of other-than-temporary impairments
- Determination of the valuation allowance for losses on commercial mortgage and other loans

We present our investments classified as available-for-sale, including fixed maturity and equity securities, our investments classified as trading, such as our trading account assets supporting insurance liabilities, our derivatives, and our embedded derivatives at fair value in the statements of financial position. For additional information regarding the key estimates and assumptions surrounding the determination of fair value of fixed maturity and equity securities, as well as derivative instruments, embedded derivatives and other investments, see Note 20 to the Consolidated Financial Statements and "-Valuation of Assets and Liabilities-Fair Value of Assets and Liabilities."

For our investments classified as available-for-sale, the impact of changes in fair value is recorded as an unrealized gain or loss in "Accumulated other comprehensive income (loss)," or "AOCI," a separate component of equity. For our investments classified as trading, the impact of changes in fair value is recorded within "Asset management fees and other income." In addition, investments classified as available-for-sale, as well as those classified as held-to-maturity, are subject to impairment reviews to identify when a decline in value is other-thantemporary. For a discussion of our policies regarding other-than-temporary declines in investment value and the related methodology for recording other-than-temporary impairments of fixed maturity and equity securities, see Note 2 to the Consolidated Financial Statements.

Commercial mortgage and other loans are carried primarily at unpaid principal balances, net of unamortized deferred loan origination fees and expenses and unamortized premiums or discounts and a valuation allowance for losses. For a discussion of our policies regarding the valuation allowance for commercial mortgage and other loans see Note 2 to the Consolidated Financial Statements.

## Policyholder Liabilities

## Future Policy Benefit Reserves, other than Unpaid Claims and Claim Adjustment Expenses

We establish reserves for future policy benefits to, or on behalf of, policyholders in the same period in which the policy is issued or acquired, using methodologies prescribed by U.S. GAAP. The reserving methodologies used for our Financial Services Businesses include the following:

- For most long duration contracts, we utilize best estimate assumptions as of the date the policy is issued or acquired with provisions for the risk of adverse deviation, as appropriate. After the liabilities are initially established, we perform premium deficiency tests using best estimate assumptions as of the testing date without provisions for adverse deviation. If the liabilities determined based on these best estimate assumptions are greater than the net reserves (i.e., GAAP reserves net of any DAC, DSI or VOBA asset), the existing net reserves are adjusted by first reducing these assets by the amount of the deficiency or to zero through a charge to current period earnings. If the deficiency is more than these asset balances for insurance contracts, we then increase the net reserves by the excess, again through a charge to current period earnings. If a premium deficiency is recognized, the assumptions as of the premium deficiency test date are locked in and used in subsequent valuations.
- For certain reserves, such as our contracts with guaranteed minimum death benefits ("GMDB"), guaranteed minimum income benefits ("GMIB") and no lapse guarantees, we utilize current best estimate assumptions in establishing reserves. The reserves are subject to adjustments based on annual reviews of assumptions and quarterly adjustments for experience, including market performance, and the reserves may be adjusted through a benefit or charge to current period earnings.
- For certain product guarantees, primarily the optional living benefit features of the variable annuity products in our Individual Annuities segment, the benefits are accounted for as embedded derivatives, with fair values calculated as the present value of future expected benefit payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature. Under U.S. GAAP, the fair values of these benefit features are based on assumptions a market participant would use in valuing these embedded derivatives. Changes in the fair value of the embedded derivatives are recorded quarterly through a benefit or charge to current period earnings.

The assumptions used in establishing reserves are generally based on the Company's experience, industry experience and/or other factors, as applicable. We typically update our actuarial assumptions, such as mortality, morbidity, retirement and policyholder behavior assumptions, annually in the third quarter of each year, unless a material change is observed in an interim period that we feel is indicative of a long term trend. Generally, we do not expect trends to change significantly in the short-term and, to the extent these trends may change, we expect such changes to be gradual over the long-term. In a sustained low interest rate environment, there is an increased likelihood that the reserves determined based on best estimate assumptions may be greater than the net liabilities.

The following paragraphs provide additional details about the reserves established by each of our segments.
The future policy benefit reserves for our International Insurance segment, which as of December 31, 2013, represented 45\% of our total future policy benefit reserves, relate primarily to non-participating whole life and term life products and endowment contracts, and are generally determined as the present value of expected future benefits to, or on behalf of, policyholders plus the present value of future maintenance expenses less the present value of future net premiums. For these reserves, we utilize best estimate assumptions as of the date the policy is issued or acquired with provisions for the risk of adverse deviation, as described above. The primary assumptions used in determining expected future benefits and expenses include mortality, lapse, morbidity, investment yield and maintenance expense assumptions. In addition, future policy benefit reserves for certain contracts also include amounts related to our deferred profit liability, determined as of the date of issue, net of accumulated amortization.

The reserves for future policy benefits of our Retirement segment, which as of December 31, 2013 represented 23\% of our total future policy benefit reserves, primarily relate to our non-participating life contingent group annuity and structured settlement products. These reserves are generally determined as the present value of expected future benefits and expenses. For these reserves, we utilize best estimate assumptions as of the date the policy is issued or acquired with provisions for the risk of adverse deviation, as described above. For contracts that have recorded a premium deficiency reserve, we use assumptions as of the most recent premium deficiency reserve establishment. The primary assumptions used in establishing these reserves include mortality, retirement, maintenance expense, and interest rate assumptions. In addition, future policy benefit reserves for certain contracts also include amounts related to our deferred profit liability, determined as of the date of issue, net of accumulated amortization.

The future policy benefit reserves for our Individual Life segment, which as of December 31, 2013, represented 3\% of our total future policy benefit reserves, relate primarily to variable life, term life and universal life products. For term life contracts, the future policy benefit reserves are determined as the present value of expected future benefits to, or on behalf of, policyholders plus the present value of future maintenance expenses less the present value of future net premiums. For these reserves, we utilize best estimate assumptions as of the date the policy is issued or acquired with provisions for the risk of adverse deviation, as described above. The primary assumptions used in determining expected future benefits and expenses include mortality, lapse, and maintenance expense assumptions. For variable and universal life products, which include universal life contracts that contain no lapse guarantees, reserves are established using current best estimate assumptions, as described above.

The reserves for future policy benefits of our Corporate \& Other operations, which as of December 31, 2013 represented $2 \%$ of our total future policy benefit reserves, primarily relate to our long-term care products. These reserves are generally determined as the present value of expected future benefits and expenses less future premiums. Most contracts have recorded a premium deficiency reserve, so we use assumptions as of the most recent premium deficiency reserve establishment. The primary assumptions used in establishing these reserves include interest rate, morbidity, mortality, lapse, premium rate increase, and maintenance expense assumptions. In addition, certain less significant reserves for our long-term care products, such as our disabled life reserve, are established using current best estimate actuarial assumptions, as described above.

The reserves for future policy benefits of our Individual Annuities segment, which as of December 31, 2013 represented 1\% of our total future policy benefit reserves, primarily relate to reserves for the GMDB and GMIB features of our variable annuities, and for the optional living benefit features that are accounted for as embedded derivatives. As discussed above, in establishing reserves for GMDBs and GMIBs, we utilize current best estimate assumptions. The primary assumptions used in establishing these reserves include the timing of annuitization, lapse, withdrawal and mortality assumptions, as well as interest rate and equity market return assumptions. Our lapse assumption includes a base lapse rate that takes into account the applicability of any surrender charges. Additionally, a dynamic lapse rate adjustment reduces the base lapse rate when the benefit amount is greater than the account value, as in-the-money contracts are less likely to lapse.

The reserves for certain optional living benefit features, including guaranteed minimum accumulation benefits ("GMAB"), guaranteed minimum withdrawal benefits ("GMWB") and guaranteed minimum income and withdrawal benefits ("GMIWB"), are accounted for as embedded derivatives, with fair values calculated as the present value of future expected benefit payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature. This methodology could result in either a liability or contra-liability balance, given changing capital market conditions and various actuarial assumptions. Since there is no observable active market for the transfer of these obligations, the valuations are calculated using internally-developed models with option pricing techniques. The models are based on a risk neutral valuation framework and incorporate premiums for risks inherent in valuation techniques, inputs, and the general uncertainty around the timing and amount of future cash flows. The significant inputs to the valuation models for these embedded derivatives include capital market assumptions, such as interest rate levels and volatility assumptions, the Company's market-perceived risk of its own non-performance ("NPR"), as well as actuarially determined assumptions, including contractholder behavior, such as lapse rates, benefit utilization rates, withdrawal rates, and mortality rates. Capital market inputs and actual contractholders' account values are updated each quarter based on capital market conditions as of the end of the quarter, including interest rates, equity markets and volatility. In the risk neutral valuation, the initial swap curve drives the total returns used to grow the contractholders' account values. The Company's discount rate assumption is based on the LIBOR swap curve adjusted for an additional spread relative to LIBOR to reflect NPR. Actuarial assumptions, including contractholder behavior and mortality, are reviewed at least annually, and updated based upon emerging experience, future expectations and other data, including any observable market data, such as available industry studies or market transactions such as acquisitions and reinsurance transactions. For additional information regarding the valuation of these optional living benefit features, see Note 20 to the Consolidated Financial Statements.

The remaining reserves for future policy benefits for the Financial Services Businesses, which represented $1 \%$ of our total future policy benefit reserves as of December 31, 2013, primarily represents reserves for the group life and disability benefits in our Group Insurance segment.

The future policy benefit reserves for the traditional participating life insurance products of our Closed Block Business, which as of December 31, 2013, represented $25 \%$ of our total future policy benefit reserves are determined using the net level premium method. Under this method, the future policy benefit reserves are accrued as a level proportion of the premium paid by the policyholder. In applying this method, we use mortality assumptions to determine our expected future benefits and expected future premiums, and apply an interest rate to determine the present value of both the expected future benefit payments and the expected future premiums. The mortality assumptions are based on data from the standard industry mortality tables that were used to determine the cash surrender value of the policies, and the interest rates used are the contractually guaranteed interest rates used to calculate the cash surrender value of the policies.

## Sensitivity for Future Policy Benefit Reserves, other than Unpaid Claims and Claim Adjustment Expenses

We expect the future benefit reserves in our Individual Annuities segment that are based on current best estimate assumptions, and those that represent embedded derivatives recorded at fair value to be the ones most likely to drive variability in earnings from period to period.

For the GMDB and GMIB features of our variable annuities in our Individual Annuities segment, the reserves for these contracts are significantly influenced by the future rate of return assumptions. The following table provides a demonstration of the sensitivity of the reserves for GMDBs and GMIBs related to variable annuity contracts relative to our future rate of return assumptions by quantifying the adjustments to these reserves that would be required assuming both a 100 basis point increase and decrease in our future rate of return. The sensitivity includes an increase and decrease of 100 basis points to both the near-term future rate of return assumptions used over the next four years, and the long-term expected rate of return used thereafter. The information below is for illustrative purposes only and considers only the direct effect of changes in our future rate of return on operating results due to the change in the reserve balance and not changes in any other assumptions such as persistency or mortality included in our evaluation of the reserves, or any changes on DAC or other balances, discussed above in "-Deferred Policy Acquisition and Other Costs."

December 31, 2013

| Increase/(Decrease) in <br> GMDB/GMIB Reserves |
| :---: |
| (in millions) |
| $\$ 130$ |
| $\$(113)$ |

Decrease in future rate of return by 100 basis points \$(113)
Increase in future rate of return by 100 basis points
In addition to the impact of market performance relative to our future rate of return assumptions, other factors may also drive variability in the change in reserves, particularly during the third quarter when assumption updates are performed. As noted above, however, the impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time. In the third quarter of 2013, updates to lapse rate and utilization rate assumptions drove the most significant changes to these reserves. For a discussion of adjustments to the reserves for GMDBs and GMIBs for the years ended December 31, 2013, 2012 and 2011, see "-Results of Operations for Financial Services Businesses by Segment—U.S. Retirement Solutions and Investment Management Division-Individual Annuities."

For the optional living benefit features of certain variable annuities in our Individual Annuities segment that are accounted for as embedded derivatives, the changes in reserves are significantly impacted by changes in both the capital markets assumptions and actuarial assumptions. Capital market inputs and actual policyholders' account values are updated each quarter based on capital market conditions as of the end of the quarter, while actuarial assumptions are reviewed at least annually, and updated based upon emerging experience, future expectations and other data. For additional information about the impacts of capital markets assumptions, including interest rates, NPR credit spreads and equity returns, refer to "Quantitative and Qualitative Disclosures About Market Risk" below. For actuarial assumptions, historical experience on which to base predictions about future sources of volatility is limited due to the fact this block of business is relatively new. In the third quarter of 2013, updates to lapse rate assumptions drove the most significant changes to these reserves. Other factors may also drive variability in the change in reserves, particularly during the third quarter when assumption updates are performed. As noted above, however, the impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time. For a discussion of the drivers of the changes in our optional living benefit features for the years ended December 31, 2013, 2012 and 2011, see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities."

## Unpaid claims and claim adjustment expenses

Our liability for unpaid claims and claim adjustment expenses of $\$ 3.0$ billion as of December 31, 2013 is reported as a component of "Future policy benefits" and relates primarily to the group long-term disability products of our Group Insurance segment. This liability represents our estimate of future disability claim payments and expenses as well as estimates of claims that we believe have been incurred, but have not yet been reported as of the balance sheet date. For short duration contracts, we do not establish loss liabilities until a loss has occurred. Our liability is determined as the present value of expected future claim payments and expenses. The primary assumptions used in determining expected future claim payments are mortality and claim termination factors, an assumed interest rate and Social Security offsets. Long-term disability claims and claim termination experience may be affected by the economic environment and internal factors such as our claims management process.

## Unearned revenue reserves

Our unearned revenue reserve, or URR, reported as a component of "Policyholders' account balances," is $\$ 1.8$ billion as of December 31, 2013. This reserve primarily relates to variable and universal life products within our Individual Life segment and represents policy charges for services to be provided in future periods. The charges are deferred as unearned revenue and are generally amortized over the expected life of the contract in proportion to the product's estimated gross profits, similar to DAC as discussed above.

For the variable and universal life policies of our Individual Life segment, a significant portion of our gross profits is derived from mortality margins. As a result, our estimates of future gross profits are significantly influenced by our mortality assumptions. Our mortality assumptions are used to estimate future death claims over the life of these policies and are developed based on Company experience, industry experience and/or other factors. Unless a material change in mortality experience that we feel is indicative of a long term trend is observed in an interim period, we generally update our mortality assumptions annually in the third quarter. Updates to our mortality assumptions in future periods could have a significant adverse or favorable effect on the results of our operations in the Individual Life segment.

The URR balance associated with the variable and universal life policies of our Individual Life segment as of December 31, 2013 was $\$ 1.6$ billion. The following table provides a demonstration of the sensitivity of that URR balance relative to our future mortality assumptions by quantifying the adjustments that would be required, assuming both an increase and decrease in our future mortality rate by $1 \%$. The information below is for illustrative purposes only and considers only the direct effect of changes in our mortality assumptions on the URR balance and not changes in any other assumptions such as persistency, future rate of return, or expenses included in our evaluation of URR. It does not reflect changes in assets, such as DAC, which would partially offset the adjustments to the URR balance reflected below. The impact of DAC is discussed in more detail above in "-Deferred Policy Acquisition and Other Costs."

|  | December 31, 2013 |
| :---: | :---: |
|  | Increase/(Decrease) in URR |
|  | (in millions) |
| Decrease in future mortality by $1 \%$ | \$ 30 |
| Increase in future mortality by $1 \%$ | \$(30) |

In addition to the impact of mortality experience relative to our assumptions, other factors may also drive variability in the change in reserves, particularly during the third quarter when assumption updates are performed. As noted above, however, the impact on our results of operations of changes in these assumptions can be offsetting and we are unable to predict their movement or offsetting impact over time. In the third quarter of 2013, updates to mortality assumptions drove the most significant changes to our URR reserve. For a discussion of the drivers of URR adjustments related to our Individual Life segment for the years ended December 31, 2013, 2012 and 2011, see "-Results of Operations for Financial Services Businesses by Segment—U.S. Individual Life and Group Insurance Division-Individual Life."

## Pension and Other Postretirement Benefits

We sponsor pension and other postretirement benefit plans covering employees who meet specific eligibility requirements. Our net periodic costs for these plans consider an assumed discount (interest) rate, an expected rate of return on plan assets and expected increases in compensation levels and trends in health care costs. Of these assumptions, our expected rate of return assumptions and our discount rate assumptions have historically had the most significant effect on our net period costs associated with these plans.

We determine our expected rate of return on plan assets based upon a building block approach that considers inflation, real return, term premium, credit spreads, equity risk premium and capital appreciation as well as expenses, expected asset manager performance and the effect of rebalancing for the equity, debt and real estate asset mix applied on a weighted average basis to our pension asset portfolio. See Note 18 to our Consolidated Financial Statements for our actual asset allocations by asset category and the asset allocation ranges prescribed by our investment policy guidelines for both our pension and other postretirement benefit plans. Our assumed long-term rate of return for 2013 was $6.25 \%$ for our domestic pension plans and $7.00 \%$ for our other postretirement benefit plans. Given the amount of plan assets as of December 31, 2012, the beginning of the measurement year, if we had assumed an expected rate of return for both our domestic pension and other domestic postretirement benefit plans that was 100 basis points higher or 100 basis points lower than the rates we assumed, the change in our net periodic costs would have been as shown in the table below. The information provided in the table below considers only changes in our assumed longterm rate of return given the level and mix of invested assets at the beginning of the measurement year, without consideration of possible changes in any of the other assumptions described above that could ultimately accompany any changes in our assumed long-term rate of return.

|  | For the year end | d December 31, 2013 |
| :---: | :---: | :---: |
|  | Increase/(Decrease) in Net Periodic Pension Cost | Increase/(Decrease) in Net Periodic Other Postretirement Cost |
|  |  | illions) |
| Increase in expected rate of return by 100 basis points | \$(120) | \$(12) |
| Decrease in expected rate of return by 100 basis points | \$ 120 | \$ 12 |

Foreign pension plans represent $5 \%$ of plan assets at the beginning of 2013. An increase in expected rate of return by 100 basis points would result in a decrease in net periodic pension costs of $\$ 6$ million; conversely, a decrease in expected rate of return by 100 basis points would result in an increase in net periodic pension costs of $\$ 6$ million.

We determine our discount rate, used to value the pension and postretirement benefit obligations, based upon rates commensurate with current yields on high quality corporate bonds. See Note 18 to our Consolidated Financial Statements for information regarding the December 31, 2012 methodology we employed to determine our discount rate for 2013. Our assumed discount rate for 2013 was $4.05 \%$ for our domestic pension plans and $3.85 \%$ for our other domestic postretirement benefit plans. Given the amount of pension and postretirement obligations as of December 31, 2012, the beginning of the measurement year, if we had assumed a discount rate for both our domestic pension and other postretirement benefit plans that was 100 basis points higher or 100 basis points lower than the rates we assumed, the change in our net periodic costs would have been as shown in the table below. The information provided in the table below considers only changes in our assumed discount rate without consideration of possible changes in any of the other assumptions described above that could ultimately accompany any changes in our assumed discount rate.

|  | For the year end | d December 31, 2013 |
| :---: | :---: | :---: |
|  | Increase/(Decrease) in Net Periodic Pension Cost | Increase/(Decrease) in Net Periodic Other Postretirement Cost |
|  |  | illions) |
| Increase in discount rate by 100 basis points | \$(30) | \$(3) |
| Decrease in discount rate by 100 basis points | \$136 | \$ 0 |

Foreign pension plans represent $16 \%$ of plan obligations at the beginning of 2013. An increase in discount rate by 100 basis points would result in a decrease in net periodic pension costs of $\$ 6$ million; conversely, a decrease in discount rate by 100 basis points would result in an increase in net periodic pension costs of $\$ 7$ million.

Given the application of the authoritative guidance for accounting for pensions, and the deferral and amortization of actuarial gains and losses arising from changes in our assumed discount rate, the change in net periodic pension cost arising from an increase in the assumed discount rate by 100 basis points would not be expected to equal the change in net periodic pension cost arising from a decrease in the assumed discount rate by 100 basis points.

For a discussion of our expected rate of return on plan assets and discount rate for our qualified pension plan in 2013, see "-Results of Operations for Financial Services Businesses by Segment-Corporate and Other."

For purposes of calculating pension income from our own qualified pension plan for the year ended December 31, 2014, we will increase the discount rate to $4.95 \%$ from $4.05 \%$ in 2013. The expected rate of return on plan assets will remain unchanged at $6.25 \%$, and the assumed rate of increase in compensation will remain unchanged at $4.5 \%$.

In addition to the effect of changes in our assumptions, the net periodic cost or benefit from our pension and other postretirement benefit plans may change due to factors such as actual experience being different from our assumptions, special benefits to terminated employees, or changes in benefits provided under the plans.

At December 31, 2013, the sensitivity of our domestic and international pension and postretirement obligations to a 100 basis point change in discount rate was as follows:

|  | Decembe | 31, 2013 |
| :---: | :---: | :---: |
|  | Increase/(Decrease) in Pension Benefits Obligation | Increase/(Decrease) in Accumulated Postretirement Benefits Obligation |
|  | (in m | ilions) |
| Increase in discount rate by 100 basis points | \$(1,173) | \$(180) |
| Decrease in discount rate by 100 basis points | \$ 1,364 | \$ 198 |

## Taxes on Income

Our effective tax rate is based on income, non-taxable and non-deductible items, statutory tax rates and tax planning opportunities available in the various jurisdictions in which we operate. Inherent in determining our annual tax rate are judgments regarding business plans, planning opportunities and expectations about future outcomes. The Company provides for U.S. income taxes on unremitted foreign earnings of its operations in Japan and certain operations in India, Germany and Taiwan. In addition, beginning in 2012, the Company provides for U.S. income taxes on a portion of the current year foreign earnings for its insurance operations in Korea.

An increase or decrease in our effective tax rate by one percent of income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures, would have resulted in an increase or decrease in our consolidated income from continuing operations before equity in earnings of operating joint ventures in 2013 of $\$ 17$ million.

The Company's liability for income taxes includes the liability for unrecognized tax benefits and interest that relate to tax years still subject to review by the Internal Revenue Service ("IRS") or other taxing authorities. See Note 19 to the Consolidated Financial Statements for a discussion of the impact in 2011, 2012 and 2013 of changes to our total unrecognized tax benefits. We do not anticipate any significant changes within the next 12 months to our total unrecognized tax benefits related to tax years for which the statute of limitations has not expired.

The Company's affiliates in Japan and Korea file separate tax returns and are subject to audits by the local taxing authority. The general statute of limitations for Japan and Korea are five years from when the return is filed.

## Reserves for Contingencies

A contingency is an existing condition that involves a degree of uncertainty that will ultimately be resolved upon the occurrence of future events. Under U.S. GAAP, reserves for contingencies are required to be established when the future event is probable and its impact can be reasonably estimated, such as in connection with an unresolved legal matter. The initial reserve reflects management's best estimate of the probable cost of ultimate resolution of the matter and is revised accordingly as facts and circumstances change and, ultimately, when the matter is brought to closure.

## Adoption of New Accounting Pronouncements

There were no new accounting pronouncements adopted during 2013 requiring the application of critical accounting estimates. See Note 2 to the Consolidated Financial Statements for a complete discussion of newly issued accounting pronouncements, including further discussion of the authoritative guidance adopted in 2012 addressing which costs relating to the acquisition of new or renewal insurance contracts qualify for deferral, as well as our retrospective adoption in 2012 of a change in method of applying an accounting principle for the Company's pension plans.

## Results of Operations for Financial Services Businesses by Segment

## U.S. Retirement Solutions and Investment Management Division

## Individual Annuities

The Individual Annuities segment offers variable and fixed annuities that provide our customers with tax-deferred asset accumulation together with a base death benefit and a suite of optional guaranteed death and living benefits and annuitization options. As the investment return on the contractholder funds is generally attributed directly to the contractholder, we derive our revenue mainly from fee income generated on variable annuity account values, investment income earned on fixed annuity account values, and certain other management fees. Our expenses primarily consist of interest credited and other benefits to contractholders, amortization of DAC and other costs, nondeferred expenses related to the selling and servicing of the various products we offer, costs of hedging certain risks associated with these products and the change in reserves for benefit guarantees and other general business expenses. These drivers of our business results are generally included in adjusted operating income, with exceptions related to certain guarantees, as discussed below.

The U.S. GAAP accounting and our adjusted operating income treatment for our guarantees differs depending upon the specific feature. The reserves for our guaranteed minimum death benefit ("GMDB") and guaranteed minimum income benefit ("GMIB") features are calculated based on our best estimate of actuarial and capital markets return assumptions. The risks associated with these benefit features are retained and results are included in adjusted operating income. In contrast, certain of our optional guaranteed living benefit features are accounted for as embedded derivatives and reported at fair value. Under U.S. GAAP, the fair values of these benefit features are based on assumptions a market participant would use in valuing these embedded derivatives. We hedge or limit our exposure to certain risks associated with these features through our living benefits hedging program and product design elements. Adjusted operating income, as discussed below in "-Adjusted Operating Income" and "-Revenues, Benefits and Expenses" excludes amounts related to changes in the market value of the embedded derivatives and related hedge positions, and the related impact to amortization of DAC and other costs. The items excluded from adjusted operating income are discussed below in "-Variable Annuity Living Benefits Hedging Program Results."

## Account Values

Account values are a significant driver of our operating results. Since most fees are determined by the level of separate account assets, fee income varies according to the level of account values. Additionally, our fee income generally drives other items such as our pattern of amortization of DAC and other costs. Account values are driven by net flows from new business sales, the impact of market changes which can be either positive or negative, and outflows related to surrenders, withdrawals, benefit payments and policy charges. The annuity industry competitive landscape, which has been dynamic over the last few years, may impact our net flows and new business sales. The following table sets forth account value information for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Total Individual Annuities(1): |  |  |  |
| Beginning total account value | \$135,342 | \$113,535 | \$106,185 |
| Sales | 11,513 | 20,032 | 20,293 |
| Surrenders and withdrawals | $(7,727)$ | $(6,806)$ | $(7,232)$ |
| Net sales | 3,786 | 13,226 | 13,061 |
| Benefit payments | $(1,617)$ | $(1,450)$ | $(1,368)$ |
| Net flows | 2,169 | 11,776 | 11,693 |
| Change in market value, interest credited and other activity | 19,826 | 12,710 | $(2,104)$ |
| Policy charges | $(3,197)$ | $(2,679)$ | $(2,239)$ |
| Ending total account value | \$154,140 | \$135,342 | \$113,535 |

(1) Includes variable and fixed annuities sold as retail investment products. Investments sold through defined contribution plan products are included with such products within the Retirement segment. Variable annuity account values were $\$ 150.4$ billion, $\$ 131.6$ billion and $\$ 109.7$ billion as of December 31, 2013, 2012 and 2011, respectively. Fixed annuity account values were $\$ 3.7$ billion, $\$ 3.7$ billion and $\$ 3.8$ billion as of December 31 , 2013, 2012 and 2011, respectively.

2013 to 2012 Annual Comparison. As shown above, our account values are significantly impacted by net sales and the impact of market performance on customer accounts. The increase in account values during 2013 was largely driven by favorable changes in the market value of contractholder funds, primarily driven by equity market appreciation. Positive net sales also contributed to account value growth, but to a lesser extent, as results for 2013 compared to 2012 reflected a decline in sales coupled with an increase in surrenders and withdrawals. The decline in sales primarily reflects the impacts of actions we have taken to adapt our products to the current environment in order to maintain appropriate return prospects and improve our risk profile. For our variable annuity products with optional living benefit features that provide for guaranteed lifetime withdrawal payments based on a "highest daily" contract value, we have implemented modifications for new sales to scale back benefits, change prices and reduce commissions, as well as closing of a share class. We also suspended or limited additional contractholder deposits for variable annuities with certain optional living benefit riders that are no longer being offered. These declines have been partially offset by sales of our Prudential Defined Income Variable Annuity, or PDI, which represented 7\% of total sales for 2013. PDI was launched in the first quarter of 2013 to complement the products we offer with the highest daily benefit. In addition to these impacts, policy charges increased for 2013 compared to 2012, primarily reflecting higher average account values.

2012 to 2011 Annual Comparison. The increase in account values during 2012 was driven by both positive net sales and favorable changes in the market value of contractholder funds. Although net sales were relatively flat for 2012 compared to 2011, as declines in sales were offset by declines in surrenders and withdrawals, positive net sales still contributed significantly to overall account value growth. We began our actions to adapt our products to the current environment, as discussed above, during 2012; however, many of our competitors also implemented similar changes and took actions to exit, or limit their presence in, the variable annuity marketplace. As a result, our net sales were not significantly impacted during 2012. The favorable changes in the market value of contractholder funds were primarily driven by equity market appreciation. In addition to these impacts, policy charges increased for 2012 compared to 2011, primarily reflecting higher average account values.

## Operating Results

The following table sets forth the Individual Annuities segment's operating results for the periods indicated.


## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income increased $\$ 1,046$ million. Excluding the impacts of changes in the estimated profitability of the business, discussed below, adjusted operating income increased $\$ 431$ million. The increase was driven by higher asset-based fee income due to growth in average variable annuity account values, net of a related increase in asset-based commissions and reserve provisions. Also contributing to the increase were reduced costs to support business initiatives and the absence of a charge related to an impairment of capitalized software costs in the fourth quarter of 2012.

The impacts of changes in the estimated profitability of the business include adjustments to the amortization of DAC and other costs and to the reserves for the GMDB and GMIB features of our variable annuity products. These adjustments resulted in net benefits of $\$ 696$ million and $\$ 81$ million in 2013 and 2012, respectively. The $\$ 696$ million net benefit in 2013 included a $\$ 301$ million net benefit resulting from our annual reviews and updates of assumptions, driven by reductions to our lapse and GMIB utilization rate assumptions to reflect our review of emerging experience, future expectations and other data, and other refinements. The remaining net benefit primarily reflected the impact of positive market performance on customer accounts relative to our assumptions. The $\$ 81$ million net benefit in 2012 reflected the impact of positive market performance on customer accounts relative to our assumptions, which more than offset a $\$ 106$ million net charge resulting from the annual reviews and updates of assumptions performed in that period, driven by reductions to our longterm interest and equity rate of return assumptions, as well as updates to actuarial assumptions and other refinements.

2012 to 2011 Annual Comparison. Adjusted operating income increased $\$ 377$ million. Excluding the impacts of changes in the estimated profitability of the business, discussed below, adjusted operating income increased $\$ 74$ million. This increase was driven by higher asset-based fees due to growth in average variable annuity account values, net of an increased level of distribution and amortization costs. The increase was partially offset by higher general and administrative expenses, net of capitalization, reflecting increased costs to support business initiatives, including a $\$ 9$ million charge related to an impairment of capitalized software costs in the fourth quarter of 2012, based on a review of recoverability.

The impacts of changes in the estimated profitability of the business include adjustments to the reserves for the GMDB and GMIB features of our variable annuity products and to the amortization of DAC and other costs. These adjustments reflect the impacts of market performance, current period experience and the annual reviews and updates of assumptions performed in the third quarter. These changes resulted in an $\$ 81$ million net benefit in 2012, as discussed above, and a $\$ 222$ million net charge in 2011 primarily driven by the impact of negative market performance on customer accounts relative to our assumptions.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues, as shown in the table above under "-Operating Results," increased $\$ 482$ million, primarily driven by a $\$ 553$ million increase in policy charges and fee income, and asset management fees and other income, due to growth
in average variable annuity account values. Partially offsetting this increase was a $\$ 77$ million decline in net investment income, driven by lower average account values in the general account due to surrenders of legacy general account products and net transfers from the general account to the separate accounts, driven by an automatic rebalancing element, also referred to as an asset transfer feature, in some of our products' optional living benefit features.

Benefits and expenses, as shown in the table above under "-Operating Results," decreased $\$ 564$ million. Absent the $\$ 615$ million net decrease related to the impacts of certain changes in our estimated profitability of the business, discussed above, benefits and expenses increased $\$ 51$ million. General and administrative expenses, net of capitalization, increased $\$ 84$ million, driven by higher asset-based commissions and asset management costs due to account value growth, partially offset by reduced costs to support business initiatives. Insurance and annuity benefits increased $\$ 28$ million, driven by higher revenues used in determining reserve provisions, related to the increase in fee income discussed above. These increases were partially offset by a $\$ 52$ million decline in interest credited to policyholders' account balances driven by lower average account values in the general account, as discussed above.

2012 to 2011 Annual Comparison. Revenues increased $\$ 345$ million, primarily driven by a $\$ 384$ million increase in policy charges and fee income, and asset management fees and other income, due to growth in average variable annuity account values.

Benefits and expenses decreased $\$ 32$ million. Absent the $\$ 303$ million net decrease related to the impacts of certain changes in our estimated profitability of the business, discussed above, benefits and expenses increased $\$ 271$ million. General and administrative expenses, net of capitalization, increased $\$ 211$ million, driven by higher asset-based trail commissions, reflecting account value growth, as well as higher costs to support business initiatives. The amortization of DAC increased $\$ 92$ million driven by higher gross profits primarily related to the increase in fee income discussed above, as well as higher amortization rates.

## Variable Annuity Risks and Risk Mitigants

The primary risk exposures of our variable annuity contracts relate to actual deviations from, or changes to, the assumptions used in the original pricing of these products, including capital markets assumptions, such as equity market returns, interest rates and market volatility, and actuarial assumptions, such as contractholder longevity/mortality, the timing and amount of annuitization and withdrawals, and contract lapses. For our actuarial assumptions, we have retained the risk that actual experience will differ from the assumptions used in the original pricing of these products. For our capital markets assumptions, we hedge or limit our exposure to the risk created by capital markets fluctuations through a combination of product design elements, such as an automatic rebalancing element, and inclusion of certain optional living benefits in our living benefits hedging program.

Our automatic rebalancing element occurs at the contract level, and transfers assets between certain variable investment sub-accounts selected by the annuity contractholder and, depending on the benefit feature, a fixed-rate account in the general account or a bond fund subaccount within the separate accounts. The automatic rebalancing element associated with currently-sold products uses a designated bond fund sub-account within the separate accounts. The transfers are based on the static mathematical formula used with the particular benefit which considers a number of factors, including, but not limited to, the impact of investment performance on the contractholder's total account value. The objective of the automatic rebalancing element is to help mitigate our exposure to equity market risk and market volatility. Other product design elements we utilize include, among others, asset allocation restrictions, minimum issuance age requirements and certain limitations on the amount of subsequent contractholder deposits. In addition, certain fees are based on the greater of a benefit guarantee amount or the account value, which helps preserve certain revenue streams when market fluctuations cause account values to decline.

We use our living benefits hedging program to manage the risk associated with certain of our optional living benefit guarantees. This program represents a balance among three objectives that seek to: 1) provide severe scenario protection, 2) minimize net income volatility associated with an internally-defined hedge target, and 3) maintain capital efficiency. Through our hedge program, we enter into derivative positions that seek to replicate the net change in our hedge target, discussed further below. In addition to mitigating capital markets risk and income statement volatility, the hedging program is also focused on a long-term goal of accumulating assets that could be used to pay claims under these benefits irrespective of market path. For additional information regarding this program see "-Variable Annuities Living Benefits Hedging Program Results" below.

For our optional living benefits features, claims will primarily represent the funding of contractholder lifetime withdrawals after the cumulative withdrawals have first exhausted the contractholder account value. Due to the age of the block, limited claim payments have occurred to date, and they are not expected to increase significantly within the next five years, based upon current assumptions. The timing and amount of actual future claims depend on actual returns on contractholder account value and actual contractholder behavior relative to our assumptions. The majority of our current optional living benefits features provide for guaranteed lifetime contractholder withdrawal payments based on a "highest daily" contract value. As noted under "-Account Values" above, late in the first quarter of 2013, we launched our PDI variable annuity, to complement the variable annuity products we offer with the highest daily benefit. PDI also provides for guaranteed lifetime contractholder withdrawal payments, but restricts contractholder asset allocation to a single bond fund sub-account within the separate account.

The majority of our variable annuity contracts with optional living benefits features, and all new contracts sold with our highest daily living benefits feature, include two risk mitigants in the form of an automatic rebalancing element and inclusion in our living benefits hedging program. The guaranteed benefits features of certain legacy products that were sold prior to our implementation of the automatic rebalancing element product feature are included in our living benefits hedge program. Certain legacy guaranteed minimum accumulation benefit (GMAB) products include the automatic rebalancing element, but are not included in the hedging program. Our contracts with the GMIB feature and our new PDI product have neither risk mitigant.

For our GMDBs, we provide a benefit payable in the event of death. Our base GMDB is generally equal to a return of cumulative deposits adjusted for any partial withdrawals. Certain products include an optional enhanced GMDB based on the greater of a minimum return on the contract value or an enhanced value. We have retained the risk that the total amount of death benefit payable may be greater than the contractholder account value. However, a substantial portion of the account values associated with GMDBs are subject to an automatic rebalancing element because the contractholder also selected a living benefit feature which includes an automatic rebalancing
element. All of the variable annuity account values with living benefit features also contain GMDBs. The living and death benefit features for these contracts cover the same insured life and, consequently, we have insured both the longevity and mortality risk on these lives.

The following table sets forth the risk profile of our optional living benefits and GMDB features as of the periods indicated.

|  | December 31, 2013 |  | December 31, 2012 |  | December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Account Value | $\begin{aligned} & \hline \% \text { of } \\ & \text { Total } \end{aligned}$ | Account Value | $\begin{aligned} & \text { \% of } \\ & \text { Total } \end{aligned}$ | Account Value | $\begin{aligned} & \hline \% \text { of } \\ & \text { Total } \end{aligned}$ |
|  | (in millions) |  |  |  |  |  |
| Optional living benefit/GMDB features(1): |  |  |  |  |  |  |
| Both risk mitigants(2) | \$105,630 | 71\% | \$ 89,167 | 68\% | \$ 66,853 | 61\% |
| Hedging program only | 12,229 | 8\% | 11,744 | 9\% | 11,615 | 11\% |
| Automatic rebalancing only | 2,280 | 2\% | 2,787 | 2\% | 3,488 | 3\% |
| Neither risk mitigant | 4,459 | 3\% | 3,556 | 3\% | 3,685 | 3\% |
| Total optional living benefit/GMDB features | \$124,598 |  | \$107,254 |  | \$ 85,641 |  |
| GMDB features only(3): Neither risk mitigant | 25,869 | 16\% | 24,354 | 18\% | 24,102 | 22\% |
| Total variable annuity account value | \$150,467 |  | \$131,608 |  | \$109,743 |  |

(1) All contracts with optional living benefit guarantees also contain GMDB features, covering the same insured life.
(2) Contracts with both risk mitigants have optional living benefits that are included in our living benefits hedging program, and have an automatic rebalancing element.
(3) Reflects contracts that only include a GMDB feature and do not have an automatic rebalancing element.

The increase in the percentage of total account values that include both risk mitigants as of December 31, 2013 compared to the prior years primarily reflects sales of our latest product offerings with our highest daily optional living benefits feature, which include an automatic rebalancing element and are also included in our living benefits hedging program.

## Variable Annuity Living Benefits Hedging Program Results

Under U.S. GAAP, the liability for certain optional living benefit features is accounted for as an embedded derivative and recorded at fair value, based on assumptions a market participant would use in valuing these features. The fair value is calculated as the present value of future expected benefit payments to contractholders less the present value of assessed rider fees attributable to the applicable living benefit features using option pricing techniques. See Note 20 to the Consolidated Financial Statements for additional information regarding the methodology and assumptions used in calculating the fair value under U.S. GAAP.

As noted within "-Variable Annuity Risks and Risk Mitigants" above, we maintain a hedge program to manage the risk associated with certain of these guarantees. Our hedge program utilizes an internally-defined hedge target. We review our hedge target and hedge program on an ongoing basis, and may periodically adjust them based on our evaluation of the risks associated with the guarantees and other factors. Based on our review in the third quarter of 2013, we adjusted our hedge target so that, as currently defined, it includes the following modifications to the assumptions used in the U.S. GAAP valuation:

- The impact of non-performance risk ("NPR") is excluded to maximize protection against the entire projected claim irrespective of the possibility of our own default.
- The assumptions used in the projection of customer account values and living benefit costs are adjusted to reflect our assumed return and volatility expectations for the underlying investments.
- Actuarial assumptions are adjusted to remove risk margins and reflect our best estimates.

Due to these modifications, we expect differences each period between the change in the value of the embedded derivative as defined by U.S. GAAP and the change in the value of the hedge positions used to replicate the hedge target, thus potentially increasing volatility in U.S. GAAP earnings. Application of the valuation methodologies described above could result in either a liability or contra-liability balance for the fair value of the embedded derivative under U.S. GAAP and/or the value of the hedge target, given changing capital market conditions and various actuarial assumptions. The following table provides a reconciliation between the fair value of the embedded derivative as defined by U.S. GAAP and the value of our hedge target as of the periods indicated.

|  | As of De | mber 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in b |  |
| Embedded derivative liability as defined by U.S. GAAP | \$ 0.5 | \$ 3.3 |
| Less: NPR Adjustment | (2.2) | (4.8) |
| Embedded derivative liability as defined by U.S. GAAP, excluding NPR | 2.7 | 8.1 |
| Less: Amount of embedded derivative liability, excluding NPR, excluded from hedge target liability | 3.9 | 2.3 |
| Hedge target liability/(contra-liability) | \$(1.2) | \$ 5.8 |

We seek to replicate the changes in our hedge target by entering into a range of exchange-traded, cleared and over the counter equity and interest rate derivatives to hedge certain capital market risks present in our hedge target. The instruments include, but are not limited to, interest rate swaps, swaptions, floors and caps as well as equity options, total return swaps and equity futures. The following table sets forth the market and notional values of these instruments as of the periods indicated.

|  |  |  | of Decen | ber 31, 201 |  |  | of Decen | er 31, 201 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Intere | Rate |  |  | Interes | Rate |
|  | Instrument | Notional | Market Value | Notional | Market Value | Notional | Market Value | Notional | Market Value |
|  |  |  |  |  | (in bi |  |  |  |  |
| Futures |  | \$ 0.2 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 6.5 | \$(0.2) | \$ 0.0 | \$0.0 |
| Swaps |  | 11.1 | (0.5) | 72.2 | (2.8) | 5.5 | (0.1) | 54.1 | 3.0 |
| Options |  | 7.1 | 0.4 | 23.6 | 0.1 | 10.7 | 0.5 | 25.3 | 0.7 |
| Total |  | \$18.4 | \$(0.1) | \$95.8 | \$(2.7) | \$22.7 | \$ 0.2 | \$79.4 | \$3.7 |

Due to cash flow timing differences between our hedging instruments and the corresponding hedge target, as well as other factors such as updates to actuarial assumptions which are not hedged, the market value of the hedge portfolio compared to our hedge target measured as of any specific point in time may be different and is not expected to be fully offsetting. In addition to the derivatives held as part of the hedging program, we have cash and other invested assets available to cover the future claims payable under these guarantees and other liabilities. For additional information on the liquidity needs associated with our hedging program, see "-Liquidity and Capital Resources-Liquidity associated with other activities-Hedging activities associated with living benefit guarantees."

The primary sources of differences between the changes in the fair value of the hedge positions and the hedge target, other than changes related to actuarial valuation assumption updates, fall into one of three categories:

- Fund Performance-In order to project future account value changes, we make certain assumptions about how each underlying fund will perform. We map contractholder funds to indices that we believe are comparable, are readily tradable and have active derivative markets. The difference between the modeled fund performance and actual fund performance results in basis differences that can be either positive or negative.
- Rebalancing Costs and Volatility-We incur costs associated with rebalancing hedge positions for basis differences between the hedge positions and the hedge target. Our hedge program is also subject to the impact of realized market volatility in excess of, or lower than, our hedge target volatility assumptions.
- Liability Basis-We make assumptions about expected changes in the hedge target related to contractholder behavior, which are not hedged, and capital markets impacts, which we attempt to replicate with our hedge program. The difference between the actual change in the hedge target and the expected changes we have modeled results in basis differences, which can be either positive or negative.

The net impact of both the change in the fair value of the embedded derivative associated with our living benefit features and the change in the fair value of the related hedge positions is included in "Realized investment gains (losses), net, and related adjustments" and the related impact to the amortization of DAC and other costs is included in "Related charges," both of which are excluded from adjusted operating income. The following table shows the net impact of changes in the embedded derivative and related hedge positions, as well as the related amortization of DAC and other costs, for the periods indicated.

Hedge Program Results:

| Change in fair value of hedge positions | \$(9,465) | \$ $(2,737)$ | \$ 3,873 |
| :---: | :---: | :---: | :---: |
| Change in value of hedge target(3) | 9,234 | 3,480 | $(5,170)$ |
| Net hedging impact(3)(4) | (231) | 743 | $(1,297)$ |
| Reconciliation of Hedge Program Results to U.S. GAAP Results: |  |  |  |
| Net hedging impact (from above) | \$ (231) | \$ 743 | \$(1,297) |
| Change in portions of U.S. GAAP liability, before NPR, excluded from hedge target(3)(5) | 902 | (817) | (304) |
| Change in the NPR adjustment(3) | $(4,333)$ | $(1,810)$ | 4,677 |
| Subtotal | $(3,662)$ | $(1,884)$ | 3,076 |
| Related benefit/(charge) to amortization of DAC and other costs(3) | 1,161 | 968 | $(1,623)$ |
| Net impact of assumption updates and other refinements(6) | $(1,533)$ | (46) | (29) |
| Net impact from changes in the U.S. GAAP embedded derivative and hedge posi DAC and other costs(4) | \$(4,034) | \$ (962) | \$ 1,424 |

(1) Prior periods have been reclassified to conform to current period presentation.
(2) Positive amount represents income; negative amount represents a loss.
(3) Excludes the impacts of assumption updates and other refinements.
(4) Excludes $\$ 1,603$ million, $\$ 101$ million and $\$(1,662)$ million in 2013, 2012 and 2011, respectively, representing the impact of managing interest rate risk through capital management strategies other than hedging of particular exposures. Because this decision is based on the capital considerations of the Company as a whole, the impact is reported in Corporate and Other operations. See "-Corporate and Other."
(5) Represents the impact attributable to the difference between the value of the hedge target and the value of the embedded derivative as defined by U.S. GAAP, before adjusting for NPR, as discussed above.
(6) Represents the total U.S. GAAP impact of assumption updates and other refinements on our hedge target, net of related changes in the NPR adjustment, related changes in amounts attributable to the difference between the value of the hedge target and the value of the embedded derivative as defined by U.S. GAAP, and related amortization of DAC and other costs.

The net hedging charge of $\$ 231$ million for 2013 was primarily driven by fund underperformance relative to indices and realized volatility, partially offset by favorable liability basis. The net charge from the change in the NPR adjustment of $\$ 4,333$ million for 2013 was driven by net decreases in the base embedded derivative liability before NPR, primarily reflecting the impact of favorable capital markets conditions, as well as tightening of our NPR credit spreads. Each of these items resulted in partial offsets included in the related benefit to the amortization of DAC and other costs. The net charge from the impact of assumption updates and other refinements of $\$ 1,533$ million for 2013 was primarily driven by modifications to our lapse rate assumptions to reflect our review of emerging experience, future expectations and other data, and other refinements. These updates increased expected claims significantly more than expected fees, which increased our net liability.

The net hedging benefit of $\$ 743$ million for 2012 was primarily driven by fund outperformance relative to indices. The net charge from the change in the NPR adjustment of $\$ 1,810$ million for 2012 was driven by the tightening of our NPR credit spreads. Each of these items resulted in partial offsets included in the related benefit to the amortization of DAC and other costs. The net charge from the impact of assumption updates and other refinements of $\$ 46$ million for 2012 was primarily driven by modifications to our lapse, mortality and utilization rate assumptions to reflect our review of emerging experience, future expectations and other data.

The net hedging charge of $\$ 1,297$ million for 2011 was primarily driven by unfavorable liability basis and realized volatility. The net benefit from the change in the NPR adjustment of $\$ 4,677$ million for 2011 was driven by increases in the base embedded derivative liability before NPR primarily due to significant declines in risk-free interest rates and the impact of account value performance, as well as the widening of our NPR credit spreads. Each of these items resulted in partial offsets included in the related charge to the amortization of DAC and other costs. The net charge from the impact of assumption updates and other refinements of $\$ 29$ million for 2011 was primarily driven by modifications to our lapse and utilization rate assumptions to reflect our review of emerging experience, future expectations and other data.

For information regarding the Capital Protection Framework we use to evaluate and support the risks of our hedging program, see "Liquidity and Capital Resources-Capital."

## Retirement

## Operating Results

The following table sets forth the Retirement segment's operating results for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Operating results: |  |  |  |
| Revenues | \$ 6,028 | \$36,595 | \$4,871 |
| Benefits and expenses | 4,989 | 35,957 | 4,277 |
| Adjusted operating income | 1,039 | 638 | 594 |
| Realized investment gains (losses), net, and related adjustments | $(1,489)$ | (171) | 269 |
| Related charges | 1 | (1) | (9) |
| Investment gains on trading account assets supporting insurance liabilities, net | (718) | 406 | 383 |
| Change in experience-rated contractholder liabilities due to asset value changes | 695 | (336) | (283) |
| Income (loss) from continuing operations before income taxes and equity in earnings | \$ (472) | \$ 536 | \$ 954 |

## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income increased $\$ 401$ million. Excluding the impact of changes in the estimated profitability of the business and certain other items discussed below, adjusted operating income increased $\$ 433$ million primarily driven by higher net investment spread results, a more favorable reserve impact from case experience and higher asset-based fee income. The increase in net investment spread results reflects higher income on institutional investment products account values, driven by significant pension risk transfer transactions that closed in the fourth quarter of 2012 and higher income from non-coupon investments. The more favorable reserve impact from case experience reflects the impact of favorable mortality related to the pension risk transfer contracts. Higher asset-based fee income was driven by net additions of investment-only stable value account values and increases in full service account values primarily from market appreciation. These increases were partially offset by higher general and administrative expenses, net of capitalization, driven primarily by higher compensation costs.

The impact of changes in our estimated profitability of the business includes adjustments to the amortization of DAC, VOBA and reserves for our products. These changes resulted in net charges of $\$ 1$ million and $\$ 18$ million for the years ended 2013 and 2012, respectively, primarily related to our annual reviews and updates of assumptions. The net charge for the year ended 2013 was driven by less favorable mortality assumptions, partially offset by improved net cash flow and net spread assumptions, while the net charge for the year ended 2012 was primarily driven by a reduction to the long-term interest and equity rate of return assumptions. Additionally, results for the year ended 2012 include $\$ 78$ million related to a legal settlement, in which we recovered losses previously incurred related to reimbursements of client losses on certain investment funds managed by an unaffiliated asset manager, partially offset by a $\$ 29$ million charge for the write off of an intangible asset on a business we acquired in 2008.

2012 to 2011 Annual Comparison. Adjusted operating income increased $\$ 44$ million. Excluding the impact of changes in the estimated profitability of the business and certain other items discussed below, adjusted operating income decreased $\$ 11$ million, as higher asset-based fee income and net investment spread results were more than offset by higher general and administrative expenses, net of capitalization, and an unfavorable comparative reserve impact from case experience. The increase in asset-based fee income primarily reflects higher investment-only stable value account values driven by net additions, partially offset by lower full service fee income
primarily due to outflows of contracts earning higher than average margins. The increase in net investment spread results primarily reflects higher institutional investment products account values, driven by significant pension risk transfer transactions in the fourth quarter of 2012. Also contributing to net investment spread results were increases from the impacts of crediting rate reductions, higher full service general account stable value account values and higher income from non-coupon investments, partially offset by decreases from the impacts of lower reinvestment rates and lower account values from a divestiture of bank deposits in 2012. Higher general and administrative expenses, net of capitalization, primarily reflect increased costs to support strategic initiatives and business expansion, partially offset by lower costs related to legal matters. The unfavorable comparative reserve impact from case experience was primarily driven by unfavorable mortality experience in 2012.

The impact of changes in our estimated profitability of the business includes adjustments to the amortization of DAC, VOBA and reserves for our products. The changes resulted in net charges of $\$ 18$ million and $\$ 24$ million for the years ended 2012 and 2011, respectively, primarily related to our annual reviews and updates of assumptions. The net charge for the year ended 2012 was driven by a reduction to long-term interest and equity rate of return assumptions, while the net charge in 2011 was primarily driven by changes to expense and net cash flow assumptions. Additionally, results in 2012 include $\$ 78$ million related to a legal settlement, partially offset by a $\$ 29$ million charge to write off an intangible asset, as discussed above.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues, as shown in the table above under "-Operating Results," decreased $\$ 30,567$ million. Premiums decreased $\$ 31,502$ million primarily driven by premiums recorded upon the closing of the significant pension risk transfer transactions in the fourth quarter of 2012. Net investment income increased $\$ 864$ million reflecting higher income on institutional investment products account values, driven by the significant pension risk transfer transactions discussed above and higher income on non-coupon investments, partially offset by lower portfolio yields on full service general account stable value account values. Policy charges and fee income, and asset management fees and other income increased $\$ 71$ million, primarily from higher asset-based fees that were driven by net additions in investment-only stable value account values and full service account values primarily driven by equity market appreciation.

Benefits and expenses, as shown in the table above under "-Operating Results," decreased $\$ 30,968$ million. Policyholders' benefits, including the change in policy reserves, decreased $\$ 30,870$ million primarily driven by reserves recorded upon the closing of the significant pension risk transfer transactions in the fourth quarter of 2012. Absent this decrease and the $\$ 32$ million increase from the changes in our estimated profitability of the business and certain other items, as discussed above, benefits and expenses decreased $\$ 130$ million. Interest credited to policyholders' account balances decreased $\$ 166$ million reflecting the runoff of traditional guaranteed investment products in our institutional investment products business and the impact of crediting rate reductions on full service general account stable value account values. The amortization of DAC decreased $\$ 23$ million, reflecting amortization recorded upon the closing of the significant pension risk transfer transactions in the fourth quarter of 2012. Partially offsetting these decreases was a $\$ 53$ million increase in general and administrative expenses, net of capitalization driven primarily by higher compensation costs.

2012 to 2011 Annual Comparison. Revenues increased $\$ 31,724$ million. Premiums increased $\$ 31,622$ million, primarily driven by the significant pension risk transfer transactions discussed above. The increase in premiums resulted in a corresponding increase in policyholders' benefits, including the change in policy reserves, discussed below. Policy charges and fee income, and asset management fees and other income increased $\$ 77$ million, primarily from higher asset-based fees on investment-only stable value account values and higher income from non-coupon investments accounted for under the fair value option, partially offset by lower asset-based fees on full service fee-based account values. Net investment income increased $\$ 25$ million primarily reflecting the impacts of higher institutional investment products account values, driven by the significant pension risk transfer transactions, higher full service general account stable value account values, and a favorable impact from changes in the market values of equity-method non-coupon investments, partially offset by the impacts of lower portfolio yields and lower account values from a divestiture of bank deposits in 2012.

Benefits and expenses increased $\$ 31,680$ million. Policyholders' benefits, including the change in policy reserves, increased $\$ 31,723$ million, driven by the significant pension risk transfer transactions associated with the increase in premiums discussed above. Absent this increase and the $\$ 55$ million net decrease from the changes in our estimated profitability of the business and certain other items, as discussed above, benefits and expenses increased $\$ 12$ million. General and administrative expenses, net of capitalization, increased $\$ 21$ million, primarily reflecting increased costs to support strategic initiatives and business expansion, partially offset by lower costs related to legal matters. The amortization of DAC increased $\$ 6$ million, reflecting an increase from the amortization of acquisition costs related to the significant pension risk transfer transactions, partially offset by a decrease related to a refinement associated with certain structured settlements recorded in 2011. Interest credited to policyholders' account balances decreased $\$ 20$ million primarily driven by the impacts of crediting rate reductions and the divestiture of bank deposits in 2012, partially offset by the impact of higher full service general account stable value account values and an increase related to a refinement associated with certain structured settlements recorded in 2011.

## Account Values

Our account values are a significant driver of our operating results, and are primarily driven by net additions (withdrawals) and the impact of market changes. For our fee-based products, the income we earn varies with the level of fee-based account values, since many policy fees are determined by these values. For our spread-based products, both the investment income and interest we credit to policyholders vary with the level of general account values. To a lesser extent, changes in account values impact our pattern of amortization of DAC and VOBA, and general and administrative expenses. The following table shows the changes in the account values and net additions (withdrawals) of Retirement segment products for the periods indicated. Net additions (withdrawals) are deposits and sales or additions, as applicable, minus withdrawals and benefits. Account values include both internally- and externally-managed client balances as the total balances drive revenue for the Retirement segment. For more information on internally-managed balances see "-Asset Management."

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 |  | 2011 |
|  | (in millions) |  |  |
| Full Service(1): |  |  |  |
| Beginning total account value | \$148,405 | \$139,430 | \$141,313 |
| Deposits and sales | 20,677 | 16,390 | 16,821 |
| Withdrawals and benefits | $(18,711)$ | $(19,223)$ | $(19,160)$ |
| Change in market value, interest credited, interest income and other activity(2) | 23,131 | 11,808 | 456 |
| Ending total account value | \$173,502 | \$148,405 | \$139,430 |
| Net additions (withdrawals) | \$ 1,966 | \$ $(2,833)$ | \$ $(2,339)$ |
| Institutional Investment Products(3): |  |  |  |
| Beginning total account value | \$141,435 | \$ 90,089 | \$ 64,183 |
| Additions(4) | 17,294 | 55,005 | 27,773 |
| Withdrawals and benefits(5) | $(9,951)$ | $(8,495)$ | $(6,150)$ |
| Change in market value, interest credited and interest income | 1,066 | 4,787 | 4,581 |
| Other(6) | (442) | 49 | (298) |
| Ending total account value(7)(8) | \$149,402 | \$141,435 | \$ 90,089 |
| Net additions(9) | \$ 7,343 | \$ 46,510 | \$ 21,623 |

(1) Ending total account value for the full service business includes assets of Prudential's retirement plan of $\$ 7.7$ billion, $\$ 6.6$ billion and $\$ 6.3$ billion as of December 31, 2013, 2012 and 2011, respectively.
(2) Change in market value, interest credited and interest income and other activity includes $\$(1.4)$ billion for 2012 representing the divestiture of bank deposits held by Prudential Bank \& Trust, as a result of our decision to limit its operations to trust services. Other activity also includes $\$ 469$ million in 2011 representing the addition of Prudential's non-qualified pension plan transferred from a third-party administrator.
(3) Ending total account value for the institutional investment products business includes assets of Prudential's retirement plan of $\$ 5.4$ billion, $\$ 6.1$ billion and $\$ 5.8$ billion as of December 31, 2013, 2012 and 2011, respectively. Ending total account value for the institutional investment products business also includes $\$ 1.9$ billion, $\$ 1.9$ billion and $\$ 1.5$ billion as of December 31, 2013, 2012 and 2011, respectively, related to collateralized funding agreements issued to the Federal Home Loan Bank of New York (FHLBNY), and $\$ 0.5$ billion as of December 31, 2011 related to affiliated funding agreements issued to Prudential Financial. For additional information, see Note 10 and Note 14 to the Consolidated Financial Statements.
(4) Additions include $\$ 1,008$ million in 2012 representing transfers of externally-managed client balances to accounts we manage. These additions are offset within Other.
(5) Withdrawals and benefits include $\$(23)$ million, $\$(902)$ million and $\$(78)$ million for 2013, 2012 and 2011, respectively, representing transfers of client balances from accounts we manage to externally-managed accounts. These withdrawals are offset within Other.
(6) Other includes $\$ 23$ million, $\$(106)$ million and $\$ 78$ million for 2013, 2012 and 2011, respectively, representing net transfers of externally-managed client balances from/(to) accounts we manage. These transfers are offset within Additions or Withdrawals and benefits.
(7) Ending total account value for the institutional investment products business includes investment-only stable value account values of $\$ 72.5$ billion, $\$ 60.8$ billion and $\$ 41.3$ billion as of December 31, 2013, 2012 and 2011, respectively.
(8) Ending total account value for the institutional investment products business includes $\$ 31.7$ billion and $\$ 33.7$ billion as of December 31 , 2013 and 2012, respectively, related to significant pension risk transfer transactions that closed in the fourth quarter of 2012. These account values will decline over time resulting from benefit payments to contract holders.
(9) Net additions for the institutional investment products business include investment-only stable value net additions of $\$ 12.2$ billion, $\$ 17.5$ billion and $\$ 22.3$ billion for 2013, 2012 and 2011, respectively, and $\$ 33.6$ billion for 2012 related to significant pension risk transfer transactions that closed in the fourth quarter of 2012.

2013 to 2012 Annual Comparison. The increase in full service account values primarily reflects the impact of equity market appreciation in 2013 on customer account values. The increase in net additions (withdrawals) was primarily driven by a higher volume of large plan sales and a lower volume of large plan lapses.

The increase in institutional investment products account values is primarily driven by net additions of our fee-based investment-only stable value product partially offset by decreases in account values due to scheduled withdrawals and benefit payments. The decrease in net additions was driven by the significant pension risk transfer transactions, discussed above, as well as lower sales of our investment-only stable value product primarily driven by existing intermediary relationships reaching saturation levels and increased competition in the marketplace.

2012 to 2011 Annual Comparison. The increase in full service account values primarily reflects equity market appreciation in 2012 , partially offset by net withdrawals and a divestiture of bank deposits. The increase in net withdrawals was primarily due to an increase in the value of participant withdrawals, driven by the impact of equity market appreciation on account values.

The increase in institutional investment products account values primarily reflects net additions and increases in the market value of customer funds driven by declines in fixed income yields. The increase in net additions was driven by the significant pension risk transfer transactions discussed above, partially offset by a decrease in sales of our investment-only stable value product, resulting from some of our existing intermediary relationships nearing saturation levels.

## Asset Management

Operating Results
The following table sets forth the Asset Management segment's operating results for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Operating results: |  |  |  |
| Revenues | \$2,678 | \$2,376 | \$2,531 |
| Expenses | 1,955 | 1,792 | 1,643 |
| Adjusted operating income | 723 | 584 | 888 |
| Realized investment gains (losses), net, and related adjustments | (6) | (47) | (1) |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests | 90 | 40 | 27 |
| Income from continuing operations before income taxes and equity in earnings of operating joint ventures | \$ 807 | \$ 577 | \$ 914 |

## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income increased $\$ 139$ million. The increase reflects higher asset management fees, net of expenses, driven by higher average asset values due to positive market appreciation and net flows throughout the current year. Also contributing to the increase were improved strategic investing results driven by the absence of $\$ 69$ million of losses incurred in the prior year associated with two real estate investments, partially offset by a lower contribution from the segment's commercial mortgage activities.

2012 to 2011 Annual Comparison. Adjusted operating income decreased $\$ 304$ million. The decrease reflects a $\$ 131$ million lower contribution from the segment's strategic investing activities in 2012 largely due to $\$ 69$ million of declines in value of two real estate investments, one of which was sold in 2012, while strategic investing activities in 2011 included a $\$ 64$ million gain on a partial sale of a real estate seed investment. The decrease in adjusted operating income also reflects the absence of a $\$ 96$ million gain on sale in 2011 of our investment in an operating joint venture, Afore XXI, a pension fund manager in Mexico. Additionally, results for 2012 reflect an increase in operating expenses reflecting business growth, increased expenses related to new fund launches and increased compensation costs. These decreases were partially offset by an increase in asset management fees, before associated expenses, primarily from institutional and retail customer assets as a result of higher asset values due to positive net asset flows and market appreciation in 2012.

## Revenues and Expenses

The following table sets forth the Asset Management segment's revenues, presented on a basis consistent with the table above under "-Operating Results," by type.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Revenues by type: |  |  |  |
| Asset management fees by source: |  |  |  |
| Institutional customers | \$ 838 | \$ 775 | \$ 729 |
| Retail customers(1) | 631 | 509 | 452 |
| General account | 412 | 383 | 360 |
| Total asset management fees | 1,881 | 1,667 | 1,541 |
| Incentive fees(2) | 62 | 48 | 105 |
| Transaction fees | 25 | 40 | 35 |
| Strategic investing | 52 | (12) | 118 |
| Commercial mortgage(3) | 115 | 164 | 136 |
| Other related revenues(4) | 254 | 240 | 394 |
| Service, distribution and other revenues(5) | 543 | 469 | 596 |
| Total revenues | \$2,678 | \$2,376 | \$2,531 |

(1) Consists of fees from: (a) individual mutual funds and variable annuities and variable life insurance separate account assets; (b) funds invested in proprietary mutual funds through our defined contribution plan products; and (c) third-party sub-advisory relationships. Revenues from fixed annuities and the fixed-rate accounts of variable annuities and variable life insurance are included in the general account.
(2) A portion of incentive fee revenue is offset in expense in accordance with the terms of the contractual agreements.
(3) Includes mortgage origination and spread lending revenues of our commercial mortgage origination and servicing business.
(4) Future revenues will be impacted by the level and diversification of our strategic investments, the commercial real estate market, and other domestic and international markets.
(5) Includes payments from Wells Fargo under an agreement dated as of July 30, 2004, implementing arrangements with respect to money market mutual funds in connection with the combination of our retail securities brokerage and clearing operations with those of Wells Fargo. The agreement extends for ten years after termination of the Wachovia Securities joint venture, which occurred on December 31, 2009. The revenue from Wells Fargo under this agreement was \$75 million in 2013, \$66 million in 2012 and \$74 million in 2011.

2013 to 2012 Annual Comparison. Revenues increased $\$ 302$ million. Asset management fees increased $\$ 214$ million, driven by higher average asset values due to positive net flows and market appreciation throughout the current year. Service, distribution and other revenues increased $\$ 74$ million, driven by higher revenues from certain consolidated funds, which were fully offset by higher expenses related to noncontrolling interests in these funds, as well as higher servicing fee income from our commercial mortgage business. Strategic
investing revenues increased $\$ 64$ million, as the prior year period included $\$ 69$ million of losses associated with two real estate investments. Performance-based incentive fee revenues increased $\$ 14$ million, driven by out performance within public equity accounts in 2013. These increases were partially offset by lower commercial mortgage revenues of $\$ 49$ million, driven by lower production and profitability levels, the runoff of the interim loan portfolio, and lower investment gains due to the disposition of real estate owned assets in 2012. Transaction fees decreased $\$ 15$ million, driven by declining acquisition and disposition volumes in certain real estate portfolios.

Expenses, as shown in the table above under "-Operating Results," increased $\$ 163$ million, primarily driven by higher compensation costs and higher expenses related to revenues associated with certain consolidated funds, as discussed above.

2012 to 2011 Annual Comparison. Revenues decreased $\$ 155$ million. Strategic investing revenues decreased $\$ 130$ million reflecting $\$ 69$ million of declines in value of two real estate investments, one of which was sold in 2012, while strategic investing activities in 2011 include a $\$ 64$ million gain on a partial sale of a real estate seed investment. Service, distribution and other revenues decreased $\$ 127$ million primarily due to the absence of the $\$ 96$ million gain on the sale of our investment in Afore XXI in 2011. Performance-based incentive fees decreased $\$ 57$ million primarily reflecting lower net asset values from institutional real estate funds resulting from market value declines. Partially offsetting the decreases in revenue above was an increase in asset management fees of $\$ 126$ million primarily from the management of institutional and retail customer assets as a result of higher asset values. In addition, commercial mortgage revenues increased $\$ 28$ million primarily reflecting higher origination volume.

Expenses, as shown in the table above under "-Operating Results," increased $\$ 149$ million primarily driven by business growth, increased expenses related to new fund launches and increased compensation costs.

## Assets Under Management

The following table sets forth assets under management by asset class and source as of the dates indicated.

|  | December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | n billions |  |
| Assets Under Management (at fair market value): |  |  |  |
|  |  |  |  |
| Equity | \$ 63.4 | \$ 51.7 | \$ 46.3 |
| Fixed income | 243.8 | 230.8 | 197.8 |
| Real estate | 34.5 | 31.2 | 27.7 |
| Institutional customers(1)(2) | 341.7 | 313.7 | 271.8 |
| Retail customers: |  |  |  |
| Equity | 117.0 | 86.6 | 71.7 |
| Fixed income | 51.5 | 50.3 | 46.2 |
| Real estate | 2.2 | 1.8 | 1.4 |
| Retail customers(3) | 170.7 | 138.7 | 119.3 |
| General account: |  |  |  |
| Equity | 8.9 | 9.4 | 8.7 |
| Fixed income | 347.2 | 363.7 | 316.7 |
| Real estate | 1.4 | 1.5 | 1.3 |
| General account | 357.5 | 374.6 | 326.7 |
| Total assets under management | \$869.9 | \$827.0 | \$717.8 |

(1) Consists of third party institutional assets and group insurance contracts.
(2) As of December 31, 2013, 2012 and 2011, includes $\$ 38.3$ billion, $\$ 37.2$ billion and $\$ 29.7$ billion, respectively, of assets under management related to investment-only stable value products.
(3) Consists of: (a) individual mutual funds and variable annuities and variable life insurance separate account assets; (b) funds invested in proprietary mutual funds through our defined contribution plan products; and (c) third-party sub-advisory relationships. Fixed annuities and the fixed-rate accounts of variable annuities and variable life insurance are included in the general account.

The following table sets forth the component changes in assets under management by asset source for the periods indicated.


|  | December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in billions) |  |  |
| Retail Customers: (in billions) |  |  |  |
| Beginning Assets Under Management Net additions (withdrawals), excluding money market activity: | \$138.7 | \$119.3 | \$110.6 |
| Third party . ...................................... | 4.4 | 12.8 | 5.7 |
| Affiliated | 1.6 | (6.2) |  |
| Total | 6.0 | 6.6 | 19.8 |
| Market appreciation | 26.7 | 13.4 | 1.1 |
| Other increases (decreases)(2) | (0.7) | (0.6) | (12.2) |
| Ending Assets Under Management | \$170.7 | \$138.7 | \$119.3 |
| General Account: |  |  |  |
| Beginning Assets Under Management | \$374.6 | \$326.7 | \$257.4 |
| Net additions (withdrawals), excluding money market activity: |  |  |  |
| Third party | 0.0 | 0.0 | 0.0 |
| Affiliated(3) | 7.4 | 37.6 | 42.9 |
| Total | 7.4 | 37.6 | 42.9 |
| Market appreciation | (2.8) | 15.3 | 22.0 |
| Other increases (decreases)(2) | (21.7) | (5.0) | 4.4 |
| Ending Assets Under Management | \$357.5 | \$374.6 | \$326.7 |

(1) Includes net additions into fixed income accounts related to investment-only stable value products of $\$ 1.6$ billion, $\$ 6.4$ billion and $\$ 10.0$ billion for the years ended December 31, 2013, 2012 and 2011, respectively.
(2) Includes the effect of foreign exchange rate changes, net money market activity and transfers (to)/from the Retirement segment as a result of changes in the client contract form. The impact from foreign currency fluctuations, which primarily impact the general account, resulted in losses of $\$(21.0)$ billion, losses of $\$(7.9)$ billion and gains of $\$ 2.7$ billion for the years ended December 31, 2013, 2012 and 2011, respectively.
(3) Includes $\$ 7.9$ billion from the acquisition of the Hartford Life Business for the year ended December 31, 2013, $\$ 31.0$ billion from two significant pension risk transfer transactions in the Retirement segment for the year ended December 31, 2012, and $\$ 40.4$ billion from the acquisition of the Star and Edison Businesses for the year ended December 31, 2011.

## Strategic Investments

The following table sets forth the strategic investments of the Asset Management segment at carrying value (including the value of derivative instruments used to mitigate equity market and currency risk) by asset class and source as of the dates indicated.

|  | Dece | er 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in m | ions) |
| Co-Investments: |  |  |
| Real estate . <br> Fixed income | $\begin{array}{r} \$ 342 \\ 108 \end{array}$ | \$ 437 54 |
| Seed Investments: |  |  |
| Real estate | 30 | 32 |
| Public equity | 224 | 230 |
| Fixed income | 158 | 223 |
| Loans Secured by Investor Equity Commita |  |  |
| Real estate secured by investor equity | 0 | 25 |
| Real estate secured by fund assets | 0 | 0 |
| Total | \$862 | \$1,001 |

The $\$ 139$ million decrease in strategic investments was primarily driven by returns of capital on real estate co-investments and fixed income seed investments. In addition to the strategic investments above, the Asset Management segment's commercial mortgage operations maintains an interim loan portfolio. For additional details, see "-General Account Investments-Invested Assets of Other Entities and Operations-Commercial Mortgage and Other Loans," below.

## U.S. Individual Life and Group Insurance Division

## Individual Life

## Operating Results

The following table sets forth the Individual Life segment's operating results for the periods indicated.


On January 2, 2013, we acquired the Hartford Life Business through a reinsurance transaction. We expect total pre-tax integration costs of approximately $\$ 120$ million to be incurred through 2016, of which $\$ 51$ million was incurred during 2013 and approximately $\$ 60$ million is expected to be incurred during 2014. After integration is complete, we expect annual cost savings of approximately $\$ 90$ million to be achieved by 2015 and, as of December 31, 2013, we have achieved approximately $65 \%$ of this annual savings on a run rate basis. Actual integration costs may exceed, and actual cost savings may fall short of, such expectations.

## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income increased $\$ 199$ million, including a $\$ 54$ million favorable comparative change from the impact of certain changes in our estimated profitability of the business. These changes were based on our annual reviews and updates of assumptions, which resulted in a $\$ 27$ million net benefit in 2013 driven by a favorable mortality assumption update compared to a $\$ 27$ million net charge in the 2012 primarily related to reductions to the long-term interest rate and equity return assumptions. In addition, 2013 also includes $\$ 51$ million of integration costs associated with the Hartford Life acquisition compared to $\$ 20$ million of transaction and other costs in 2012.

Absent the effect of the items discussed above, adjusted operating income increased $\$ 176$ million driven by approximately $\$ 157$ million of earnings from the acquired in force business and a favorable $\$ 77$ million mortality variance. Mortality experience, net of reinsurance, was favorable relative to expected levels in the current year, compared to unfavorable in the prior year. These favorable items were partially offset by higher distribution costs reflecting expanded third party distribution and increased sales, higher compensation expenses, and lower net investment spread results driven by lower reinvestment rates, partially mitigated by higher income from non-coupon investments.

2012 to 2011 Annual Comparison. Adjusted operating income decreased $\$ 98$ million including a $\$ 54$ million unfavorable comparative change from the impact of certain changes in the estimated profitability of the business. These changes were based on our annual reviews and updates of assumptions, which resulted in a net charge of $\$ 27$ million in 2012 driven by a reduction to long-term interest rate and equity return assumptions and a net benefit of $\$ 27$ million in 2011 , driven by more favorable lapse and mortality experience. In addition, 2012 includes $\$ 20$ million of transaction and other costs associated with the Hartford Life acquisition.

Absent the effect of the items discussed above, adjusted operating income decreased $\$ 24$ million driven by a $\$ 13$ million decrease in earnings reflecting the impact of mortality experience, net of reinsurance, which was more unfavorable in 2012, in comparison to 2011. Also contributing to the decrease in adjusted operating income was a decline in earnings from our variable products primarily due to the continued expected run-off of variable policies in force and lower net investment results from declines in portfolio reinvestment rates. These unfavorable items were partially offset by greater contributions from our universal life insurance products reflecting business growth.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues, as shown in the table above under "-Operating Results," increased $\$ 1,253$ million. Excluding the impact from our annual reviews and updates of assumptions discussed above, revenues increased $\$ 1,519$ million. Policy charges and fees and asset management fees and other income increased $\$ 1,061$ million primarily driven by business growth, particularly from our universal life block of business, including the impact from the Hartford Life acquisition, partially offset by the continued expected run-off of variable life insurance in force. Net investment income increased $\$ 373$ million reflecting business growth, including the impact of higher asset balances from the Hartford Life acquisition, and more favorable results from non-coupon investments, partially offset by the impact of lower reinvestment rates.

Benefits and expenses, as shown in the table above under "-Operating Results," increased $\$ 1,054$ million. Excluding the impact of our annual reviews and updates of assumptions, benefits and expenses increased $\$ 1,374$ million. Policyholders' benefits, including interest credited to account balances, increased $\$ 930$ million primarily due to growth of our universal life block of business, including the impact of insurance liabilities from the Hartford Life acquisition, partly offset by more favorable mortality experience, as discussed above. General and administrative expenses, net of capitalization, increased $\$ 348$ million in the current year, primarily driven by Hartford Life Business operating expenses and integration costs, as well as higher distribution costs and compensation expenses.

2012 to 2011 Annual Comparison. Revenues increased $\$ 467$ million. Excluding the impact from our annual reviews and updates of assumptions discussed above, revenues increased $\$ 221$ million. Policy charges and fees and asset management fees and other income increased $\$ 157$ million, primarily driven by business growth, particularly from our universal life block of business, partially offset by the ongoing impact of run-off of variable life insurance in force, as well as a $\$ 73$ million increase in income on an affiliated note received as part of a financing transaction for certain regulatory capital requirements which was offset by higher interest expense, as mentioned below. Net investment income increased $\$ 55$ million reflecting business growth, partially offset by the impact of lower reinvestment rates.

Benefits and expenses increased $\$ 565$ million. Excluding the impact of our annual reviews and updates of assumptions, benefits and expenses increased $\$ 265$ million. Interest expense increased $\$ 102$ million, reflecting higher costs associated with the financing of regulatory capital requirements, and includes $\$ 73$ million related to a financing transaction with an offset in revenue, as mentioned above. Policyholders' benefits, including interest credited to account balances, increased $\$ 80$ million driven by growth in our term and universal life blocks of business. General and administrative expenses, net of capitalization, increased $\$ 52$ million, reflecting the impact of higher sales and transaction and other costs associated with the Hartford Life acquisition.

## Sales Results

The following table sets forth individual life insurance annualized new business premiums, as defined under "-Segment Measures" above, by distribution channel and product, for the periods indicated.

|  | 2013 |  |  | 2012 |  |  | 2011 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prudential Agents | Third Party | Total | Prudential Agents | $\begin{aligned} & \text { Third } \\ & \text { Party } \\ & \hline \end{aligned}$ | Total | Prudential Agents | Third Party | Total |
|  | (in millions) |  |  |  |  |  |  |  |  |
| Variable Life | \$16 | \$ 22 | \$ 38 | \$13 | \$ 8 | \$ 21 | \$13 | \$ 12 | \$ 25 |
| Universal Life(1) | 40 | 457 | 497 | 38 | 180 | 218 | 28 | 67 | 95 |
| Term Life | 39 | 157 | 196 | 39 | 134 | 173 | 43 | 115 | 158 |
| Total | \$95 | \$636 | \$731 | \$90 | \$322 | \$412 | \$84 | \$194 | \$278 |

(1) Single pay life annualized new business premiums, which include $10 \%$ of excess (unscheduled) premiums, represented approximately $33 \%, 32 \%$ and $22 \%$ of Universal Life annualized new business premiums for the years ended December 31, 2013, 2012 and 2011, respectively.

2013 to 2012 Annual Comparison. Annualized new business premiums increased $\$ 319$ million, primarily driven by a $\$ 279$ million increase in sales of universal life insurance products due to expanded distribution as a result of the acquisition of the Hartford Life Business, particularly through institutional channels, as well as changes in the competitive positioning of our products. Most of this universal life sales increase is from products with secondary, or "no lapse", guarantees. As a result of recent pricing and other actions taken, we do not expect a continuation of 2013 sales levels; however, we have been experiencing an increase in sales of other universal life insurance products positioned as alternatives to those products with no lapse guarantees.

2012 to 2011 Annual Comparison. Annualized new business premiums increased $\$ 134$ million, primarily driven by increased sales of universal life insurance products in the third party distribution channel due to changes in the competitive positioning of our products.

## Group Insurance

## Operating Results

The following table sets forth the Group Insurance segment's operating results for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Operating results: (inmins) |  |  |  |
| Revenues | \$5,518 | \$5,601 | \$5,606 |
| Benefits and expenses | 5,361 | 5,585 | 5,443 |
| Adjusted operating income | 157 | 16 | 163 |
| Realized investment gains (losses), net, and related adjustments | (24) | (8) | 11 |
| Related charges | (5) | 0 | (2) |
| Income from continuing operations before income taxes and equity in | \$ 128 | \$ 8 | \$ 172 |

## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income increased $\$ 141$ million reflecting a greater benefit from the impacts of annual reviews and updates of assumptions and other refinements. Results for 2013 included a $\$ 45$ million net benefit from these updates, primarily driven by the impact of favorable updates to actuarial assumptions used in calculating certain group life and group disability reserves, compared to a $\$ 7$ million net benefit from these updates in 2012. Excluding these impacts, adjusted operating income increased $\$ 103$ million primarily driven by more favorable underwriting results in both our group life and group disability businesses. For our group life business, more favorable underwriting results were driven by lower claim severity for non-experience-rated contracts, partly due to adverse claim severity that occurred in the first quarter of 2012. For our group disability business, more favorable underwriting results were driven by higher claim resolutions and reduced claim incidence for long-term disability contracts. Our general and administrative expenses were essentially flat, as higher compensation costs and other costs to support business initiatives were offset by lower expenses associated with updates to premium tax estimates, as well as the absence of costs related to an increase in legal reserves and other costs in 2012.

2012 to 2011 Annual Comparison. Adjusted operating income decreased $\$ 147$ million reflecting higher operating expenses in 2012 primarily from an increase in legal reserves, updates to premium tax estimates, and costs for strategic initiatives. Group life underwriting results were less favorable in 2012, primarily driven by unfavorable claims experience on non-experience-rated contracts resulting from an increase in severity, partially offset by lower claims incidence. The unfavorable underwriting results for group life also reflected the absence of a benefit from cumulative premium adjustments in 2011. Group disability underwriting results were also less favorable in 2012, as new long term disability claims outpaced an increase in claim resolutions. Also, reserve refinements in both group life and group disability businesses, including the impact of annual actuarial assumption updates, contributed a $\$ 7$ million benefit to adjusted operating income in 2012 compared to a benefit of $\$ 22$ million in 2011. Partially offsetting these unfavorable items was improved investment income in 2012 primarily from non-coupon investments.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues, as shown in the table above under "-Operating Results," decreased $\$ 83$ million. Excluding a decrease of $\$ 44$ million resulting from the impacts of annual reviews and updates of assumptions and other refinements discussed above, revenues decreased $\$ 39$ million. The decrease reflects $\$ 50$ million lower premiums and policy charges and fee income
driven by net declines in both our group life and group disability businesses. For our group life business, the decline reflects a decrease from lapses of non-experience-rated contracts, partially offset by an increase from experience-rated contracts primarily driven by unfavorable claim experience. For our disability business, the decline was driven by our enhanced pricing discipline.

Benefits and expenses, as shown in the table above under "-Operating Results," decreased $\$ 224$ million. Excluding an $\$ 82$ million decrease resulting from the impacts of annual reviews and updates of assumptions and other refinements discussed above, benefits and expenses decreased $\$ 142$ million. Policyholders' benefits, including the change in reserves, decreased $\$ 147$ million, driven by declines in both our group life and group disability businesses. The decline in our group life business reflects a decrease from non- experience-rated contracts due to lower claim severity and increased lapses, partially offset by an increase from experience-rated contracts, driven by unfavorable claim experience. The decline in our group disability business reflects higher claim resolutions and reduced claim incidence for long-term contracts. Our general and administrative expenses were essentially flat, as higher compensation costs and other costs to support business initiatives were offset by lower expenses associated with updates to premium tax estimates, as well as the absence of costs related to an increase in legal reserves and other costs in 2012.

2012 to 2011 Annual Comparison. Revenues decreased $\$ 5$ million. Premiums and policy charges and fee income decreased $\$ 40$ million, driven by a decrease in our group life business, partially offset by an increase in our group disability business. The decrease in our group life business primarily reflected lower premiums from experience-rated contracts, largely resulting from a decrease in policyholder benefits. Partially offsetting this decrease were higher premiums from non-experience-rated contracts reflecting growth in the business, partially offset by the benefit from cumulative premium adjustments in 2011. The increase in our group disability business primarily reflected growth of business in force and new sales. Net investment income also increased in 2012 primarily from income on non-coupon investments, partially offset by a decline in reinvestment rates.

Benefits and expenses increased $\$ 142$ million. Excluding a $\$ 15$ million increase resulting from the impacts of annual reviews and updates of assumptions discussed above, benefits and expenses increased $\$ 127$ million. General and administrative expenses increased $\$ 82$ million, reflecting higher operating expenses primarily from an increase in legal reserves, updates to premium tax estimates and costs of strategic initiatives. Policyholders' benefits, including the change in reserves, increased $\$ 39$ million reflecting an increase in our group disability business, partially offset by a decrease in our group life business. The increase in our group disability business was driven by an increase in the incidence and severity of long-term disability claims and growth in the business. The decrease in our group life business was driven by reduction in benefits costs on experience-rated business, partially offset by unfavorable claims experience from an increase in severity resulting in an increase in benefits from growth in our non-experience-rated business.

## Benefits and Expense Ratios

The following table sets forth the Group Insurance segment's benefits and administrative operating expense ratios for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
| Benefits ratio(1): |  |  |  |
| Group life | 88.5\% | 90.9\% | 89.5\% |
| Group disability | 92.8\% | 98.1\% | 94.7\% |
| Administrative operating expense ratio(2): |  |  |  |
| Group life | 10.1\% | 10.0\% | 8.5\% |
| Group disability | 26.6\% | 25.3\% | 24.8\% |

(1) Ratio of policyholder benefits to earned premiums, policy charges and fee income. Group disability ratios include dental products.
(2) Ratio of general and administrative expenses (excluding commissions) to gross premiums plus policy charges and fee income. Group disability ratios include dental products.

2013 to 2012 Annual Comparison. The group life benefits ratio improved 2.4 percentage points primarily driven by the favorable impacts of annual reviews and updates of assumptions discussed above, as well as lower claim severity for non-experience-rated contracts. The group disability benefits ratio improved 5.3 percentage points primarily driven by the favorable impacts of annual reviews and updates of assumptions discussed above, as well as higher claim resolutions and reduced claim incidence for long-term disability contracts. The group life administrative operating expense ratio was essentially unchanged. The group disability administrative operating expense ratio deteriorated 1.3 percentage points reflecting an increase in operating costs associated with our claims management process.

2012 to 2011 Annual Comparison. The group life benefits ratio deteriorated 1.4 percentage points primarily due to less favorable claims experience in the non-experience-rated business, as well as the unfavorable impact of reserve refinements and the cumulative premium adjustment in 2011, as discussed above. The group disability benefits ratio deteriorated 3.4 percentage points primarily due to an increase in the incidence and severity of long-term disability claims experience. The group life administrative operating expense ratio deteriorated 1.5 percentage points primarily due to an increase in operating costs, legal reserves and the unfavorable comparative impact of updates to premium tax estimates, as discussed above. The group disability administrative operating expense ratio deteriorated 0.5 percentage points due to an increase in operating costs, as discussed above.

## Sales Results

The following table sets forth the Group Insurance segment's annualized new business premiums for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Annualized new business premiums(1): |  |  |  |
| Group life | \$240 | \$304 | \$486 |
| Group disability | 73 | 135 | 149 |
| Total | $\overline{\$ 313}$ | $\overline{\$ 439}$ | \$635 |

(1) Amounts exclude new premiums resulting from rate changes on existing policies, from additional coverage under our Servicemembers' Group Life Insurance contract and from excess premiums on group universal life insurance that build cash value but do not purchase face amounts.

2013 to 2012 Annual Comparison. Total annualized new business premiums decreased $\$ 126$ million primarily driven by enhancements in our pricing discipline for both group life and group disability products, which had an immediate impact on new sales.

2012 to 2011 Annual Comparison. Total annualized new business premiums decreased $\$ 196$ million reflecting the impact of a large market case sale to a new customer in 2011 in group life, as well as a decrease in sales of long-term disability to existing clients.

## International Insurance Division

## Foreign Currency Exchange Rate Movements and Related Hedging Strategies

As a U.S.-based company with significant business operations outside the U.S., particularly in Japan, we are subject to foreign currency exchange rate movements that could impact our U.S. dollar-equivalent shareholder return on equity. We seek to mitigate this impact through various hedging strategies, including the use of derivative contracts and through holding U.S. dollar-denominated assets in certain of our foreign subsidiaries.

The operations of our International Insurance Division are subject to currency fluctuations that can materially affect our U.S. dollarequivalent earnings from period to period, even if earnings on a local currency basis are relatively constant. We enter into forward currency derivative contracts as part of our strategy to effectively fix the currency exchange rates for a portion of our prospective non-U.S. dollardenominated earnings streams, thereby reducing earnings volatility from foreign currency exchange rate movements. The forward currency hedging program is primarily associated with our insurance operations in Japan and Korea. Separately, our Japanese insurance operations offer a variety of non-yen denominated products which are supported by investments in corresponding currencies. While these non-yen denominated assets and liabilities are economically matched, the accounting for changes in the value of these assets and liabilities due to changes in foreign currency exchange rate movements differs, resulting in volatility in reported U.S. GAAP earnings. For further information on the hedging strategies used to mitigate the risks of foreign currency exchange rate movements on earnings as well as the U.S. GAAP earnings impact from products denominated in non-local currencies, see "-Impact of foreign currency exchange rate movements on earnings."

We utilize a yen hedging strategy that calibrates the hedge level to preserve the relative contribution of our yen-based business to the Company's overall return on equity. We implement this hedging strategy utilizing a variety of instruments, including foreign currency derivative contracts, as discussed above, as well as U.S. dollar-denominated assets and, to a lesser extent, "dual currency" and "synthetic dual currency" assets held locally in our Japanese insurance subsidiaries. We may also hedge using instruments held in our U.S. domiciled entities, such as U.S. dollar-denominated debt that has been swapped to yen.

The table below presents the aggregate amount of instruments that serve to hedge the impact of foreign currency exchange movements on our U.S. dollar-equivalent shareholder return on equity from our Japanese insurance subsidiaries for the periods indicated.

|  | Dece | r 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in b | ons) |
| Instruments hedging foreign currency exchange rate exposure on U.S. dollar-equivalent earnings: Forward currency hedging program(1) | \$ 2.7 | \$ 2.9 |
| Instruments hedging foreign currency exchange rate exposure on U.S. dollar-equivalent equity: |  |  |
| U.S. dollar-denominated assets held in yen-based entities(2): |  |  |
| Available-for-sale U.S. dollar-denominated investments, at amortized cost | 8.1 | 7.0 |
| Held-to-maturity U.S. dollar-denominated investments, at amortized cost | 0.2 | 0.3 |
| Other | 0.1 | 0.1 |
| Subtotal | 8.4 | 7.4 |
| Yen-denominated liabilities held in U.S. dollar-based entities(3) | 0.8 | 0.8 |
| Dual currency and synthetic dual currency investments(4) | 0.9 | 0.9 |
| Total instruments hedging foreign currency exchange rate exposure on U.S. dollar-equivalent equity | 10.1 | 9.1 |
| Total hedges | \$12.8 | \$12.0 |

(1) Represents the notional amount of forward currency contracts outstanding.
(2) Excludes $\$ 27.6$ billion and $\$ 26.8$ billion as of December 31, 2013 and 2012, respectively, of U.S. dollar assets supporting U.S. dollar liabilities related to U.S. dollar-denominated products issued by our Japanese insurance operations.
(3) The yen-denominated liabilities are reported in Corporate and Other operations.
(4) Dual currency and synthetic dual currency investments are held by our yen-based entities in the form of fixed maturities and loans with a yen-denominated principal component and U.S. dollar-denominated interest income. The amounts shown represent the present value of future U.S. dollar cash flows.

The U.S. dollar-denominated investments that hedge the U.S. dollar-equivalent shareholder return on equity from our Japanese insurance operations are recorded on the books of yen-based entities and, as a result, foreign currency exchange rate movements will impact their value on the local books of our yen-based Japanese insurance entities. We seek to mitigate the risk that future unfavorable foreign currency exchange rate movements will decrease the value of these U.S. dollar-denominated investments on the local books of our yen-based Japanese insurance entities and therefore negatively impact their equity and regulatory solvency margins by employing internal hedging strategies between a subsidiary of Prudential Financial and these yen-based entities. These internal hedging strategies have the economic effect of moving the change in value of these U.S. dollar-denominated investments due to foreign currency exchange rate movements from our Japanese yen-based entities to our U.S. dollar-based entities. See "-Liquidity and Capital Resources-LiquidityLiquidity associated with other activities-Foreign exchange hedging activities" for a discussion of our internal hedging strategies.

These U.S. dollar-denominated investments also pay a coupon which is generally higher than what a similar yen-denominated investment would pay. The incremental impact of this higher yield on our U.S. dollar-denominated investments, as well as our dual currency and synthetic dual currency investments discussed below, will vary over time, and is dependent on the duration of the underlying investments, as well as interest rate environments in the U.S. and Japan at the time of the investments. See "-General Account Investments-Investment Results" for a discussion of the investment yields generated by our Japanese insurance operations.

## Impact of foreign currency exchange rate movements on earnings

## Forward currency hedging program

The financial results of our International Insurance segment reflect the impact of an intercompany arrangement with Corporate and Other operations pursuant to which the segment's non-U.S. dollar-denominated earnings are translated at fixed currency exchange rates. The fixed rates are determined in connection with a foreign currency income hedging program designed to mitigate the impact of exchange rate changes on the segment's U.S. dollar-equivalent earnings. Pursuant to this program, Corporate and Other operations execute forward currency contracts with third parties to sell the net exposure of projected earnings for certain currencies in exchange for U.S. dollars at specified exchange rates. The maturities of these contracts correspond with the future periods (typically on a three-year rolling basis) in which the identified non-U.S. dollar-denominated earnings are expected to be generated. In establishing the level of non-U.S. dollardenominated earnings that will be hedged through this program, we exclude the anticipated level of U.S. dollar-denominated earnings that will be generated by dual currency and synthetic dual currency investments, as well as the anticipated level of non-yen denominated earnings that will be generated by non-yen denominated products and investments. As of December 31, 2013, we have hedged $100 \%, 72 \%$ and $28 \%$ of expected yen-based earnings for 2014,2015 and 2016 , respectively. To the extent currently unhedged, our International Insurance segment's future expected U.S. dollar-equivalent earnings will be impacted by yen exchange rate movements.

As a result of this intercompany arrangement, our International Insurance segment's results for 2011, 2012 and 2013 reflect the impact of translating yen-denominated earnings at fixed currency exchange rates of 92,85 and 80 yen per U.S. dollar, respectively, and Korean won-denominated earnings at fixed currency exchange rates of 1190,1180 and 1160 Korean won per U.S. dollar, respectively. Results for 2014 will reflect the impact of translating yen and Korean won-denominated earnings at fixed currency exchange rates of 82 yen per U.S. dollar and 1150 Korean won per U.S. dollar, respectively.

Results of Corporate and Other operations include any differences between the translation adjustments recorded by the segment at the fixed currency exchange rate versus the actual average rate during the period, and the gains or losses recorded from the forward currency contracts that settled during the period, which include the impact of any over or under hedging of actual earnings that differ from projected earnings. The table below presents, for the periods indicated, the increase (decrease) to revenues and adjusted operating income for the International Insurance segment and for Corporate and Other operations, reflecting the impact of this intercompany arrangement.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| International Insurance Segment: |  |  |  |
| Impact of intercompany arrangement(1) | \$ 222 | \$(92) | \$(178) |
| Corporate and Other operations: |  |  |  |
| Impact of intercompany arrangement(1) | (222) | 92 | 178 |
| Settlement gains (losses) on forward currency contracts | 240 | (72) | (137) |
| Net benefit to Corporate and Other operations | 18 | 20 | 41 |
| Net impact on consolidated revenues and adjusted operating income | \$240 | \$(72) | \$(137) |

(1) Represents the difference between non-U.S. dollar-denominated earnings translated on the basis of weighted average monthly currency exchange rates versus fixed currency exchange rates determined in connection with the forward currency hedging program.
As of December 31, 2013 and 2012, the notional amounts of these forward currency contracts were $\$ 3.3$ billion and $\$ 3.4$ billion, respectively, of which $\$ 2.7$ billion and $\$ 2.9$ billion, respectively, were related to our Japanese insurance operations.

## U.S. GAAP earnings impact of products denominated in non-local currencies

Our international insurance operations primarily offer products denominated in local currency. However, several of our international insurance operations, most notably our Japanese operations, also offer products denominated in non-local currencies, primarily comprised of U.S. and Australian dollar-denominated products. The non-yen denominated insurance liabilities related to these products are supported by investments denominated in corresponding currencies, including a significant portion designated as available-for-sale. While the impact from foreign currency exchange rate movements on these non-yen denominated assets and liabilities is economically matched, the accounting for changes in the value of these assets and liabilities due to changes in foreign currency exchange rate movements differs, resulting in volatility in U.S. GAAP earnings. For example, unrealized gains and losses on available-for-sale investments, including those arising from foreign currency exchange rate movements, are recorded in AOCI, whereas the non-yen denominated liabilities are remeasured for foreign currency exchange rate movements, and the related changes in value are recorded in earnings within "Asset management fees and other income." Investments designated as held-to-maturity under U.S. GAAP are recorded at amortized cost on the balance sheet, but are remeasured for foreign currency exchange rate movements, with the related change in value recorded in earnings within "Asset management fees and other income." Due to this non-economic volatility that is reflected in U.S. GAAP earnings, the gains and losses resulting from the remeasurement of these non-yen denominated liabilities, and certain related non-yen denominated assets, are excluded from adjusted operating income and included in "Realized investment gains (losses), net, and related adjustments." For the years ended December 31, 2013, 2012 and 2011, "Realized investment gains (losses), net, and related adjustments" includes net losses of $\$ 3,962$ million, net losses of $\$ 1,570$ million and net gains of $\$ 807$ million, respectively, reflecting the remeasurement of these non-yen denominated insurance liabilities and certain related non-yen denominated assets.

The following table presents these non-yen denominated insurance liabilities and related non-yen denominated assets subject to remeasurement through earnings within our international insurance operations as of December 31, 2013 as well as the impact to pre-tax U.S. GAAP earnings assuming a hypothetical 5\% depreciation/appreciation in value of the yen relative to the applicable currency based on balances as of December 31, 2013.

As discussed in Note 1, Gibraltar Life's current period results of operations represent earnings through November 30, 2013 and Gibraltar Life's current period assets and liabilities represent balances as of November 30, 2013.

|  | Balances subject to remeasurement, as of December 31, 2013 |  |  | Hypothetical increase (decrease) in pre-tax GAAP earnings(2) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underline{\text { Assets(1) }}$ | $\underline{\text { Liabilities }}$ | Net Liabilities(1) | 5\% depreciation | 5\% appreciation |
|  | (in billions) |  |  |  |  |
| U.S. dollar-denominated balances(3) | \$3.1 | \$20.3 | \$17.2 | \$(0.9) | \$0.9 |
| Australian dollar-denominated balances | 0.5 | 7.6 | 7.1 | (0.4) | 0.4 |
| Euro-denominated balances | 0.1 | 0.3 | 0.2 | (0.0) | 0.0 |
| Total | \$3.7 | \$28.2 | \$24.5 | \$(1.3) | \$1.3 |

(1) Includes investments designated as held-to-maturity that are remeasured for foreign currency exchange rate movements with the change in value recorded in U.S. GAAP earnings; excludes $\$ 26.7$ billion of available-for-sale investments supporting these non-yen denominated insurance liabilities for which the impact from foreign currency exchange rate movements is recorded in AOCI.
(2) The GAAP earnings impacts would largely be offset by a corresponding increase (decrease) in AOCI.
(3) Excludes $\$ 6.5$ billion of insurance liabilities for U.S. dollar-denominated products associated with Prudential of Japan. These liabilities are coinsured to an affiliated U.S. domiciled insurance entity and supported by U.S. dollar-denominated assets and, as a result, are not subject to the remeasurement mismatch described above.

## International Insurance

Operating Results
The results of our International Insurance operations are translated on the basis of weighted average monthly exchange rates, inclusive of the effects of the intercompany arrangement discussed above. To provide a better understanding of operating performance within the International Insurance segment, where indicated below, we have analyzed our results of operations excluding the effect of the year over year change in foreign currency exchange rates. Our results of operations, excluding the effect of foreign currency fluctuations, were derived by translating foreign currencies to U.S. dollars at uniform exchange rates for all periods presented, including for constant dollar information discussed below. The exchange rates used were Japanese yen at a rate of 82 yen per U.S. dollar and Korean won at a rate of 1150 won per U.S. dollar, both of which were determined in connection with the foreign currency income hedging program discussed above. In addition, for constant dollar information discussed below, activity denominated in U.S. dollars is generally reported based on the amounts as transacted in U.S. dollars. Annualized new business premiums presented on a constant exchange rate basis in the "Sales Results" section below reflect translation based on these same uniform exchange rates.

The following table sets forth the International Insurance segment's operating results for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Operating results: |  |  |  |
|  |  |  |  |
| Life Planner operations ......... Gibraltar Life and Other operations | \$ 8,978 13,562 | \$ 9,002 20,584 | $\$ 8,202$ 11,365 |
| Total revenues | 22,540 | 29,586 | 19,567 |
| Benefits and expenses: |  |  |  |
| Life Planner operations | 7,461 | 7,521 | 6,956 |
| Gibraltar Life and Other operations | 11,927 | 19,361 | 10,348 |
| Total benefits and expenses | 19,388 | 26,882 | 17,304 |
| Adjusted operating income: $\quad$ - $]_{1,517}$ |  |  |  |
|  |  |  |  |
| Gibraltar Life and Other operations | 1,635 | 1,223 | 1,017 |
| Total adjusted operating income | 3,152 | 2,704 | 2,263 |
| Realized investment gains (losses), net, and related adjustments(1) | $(4,065)$ | $(1,989)$ | 596 |
| Related charges | (140) | (60) | (18) |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net Change in experience-rated contractholder liabilities due to asset value changes | 468 $(468)$ | 204 | $(160)$ 160 |
| Equity in earnings of operating joint ventures and earnings attributable to noncontroling interests | (63) | (58) | (244) |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures | \$(1,116) | \$ 597 | \$ 2,597 |

(1) Includes gains and losses from changes in value of certain assets and liabilities relating to foreign currency exchange movements that are economically matched, as discussed above.

## Adjusted Operating Income

2013 to 2012 Annual Comparison. Adjusted operating income from Life Planner operations increased $\$ 36$ million including a net favorable impact of $\$ 51$ million from currency fluctuations, inclusive of the currency hedging program discussed above. The current year includes a $\$ 78$ million charge to strengthen reserves primarily for certain policies on a previously-acquired business based on an internal review. Both periods benefited from a reduction in the amortization of deferred policy acquisition costs and lower reserves from our annual reviews and updates of assumptions used in estimating the profitability of our business, and other refinements. This resulted in a $\$ 19$ million benefit in the current year, primarily driven by lower lapse assumptions for variable and interest sensitive life insurance products, compared to a $\$ 20$ million benefit in the prior year.

Excluding the effect of the items discussed above, adjusted operating income of our Life Planner operations increased $\$ 64$ million. This increase primarily reflects growth of business in force driven by sales results and continued strong persistency, partly offset by lower contributions from net investment spreads as a result of lower reinvestment rates.

Adjusted operating income from our Gibraltar Life and Other operations increased $\$ 412$ million including a net favorable impact of $\$ 38$ million from currency fluctuations. The current year benefited from lower integration costs relating to the acquisition of the Star and Edison Businesses, for which we incurred $\$ 138$ million in 2012 compared to $\$ 28$ million in 2013. Adjusted operating income for both periods reflects the impact from partial sales of our previous investment held in China Pacific Group, which contributed a $\$ 66$ million gain in the current year compared to a $\$ 60$ million gain in the prior year. Partly offsetting these favorable variances is a $\$ 108$ million charge in the current year from our annual review and update of assumptions used in estimating the profitability of our business, and other refinements. This charge is primarily reflective of an increase in reserves for guaranteed minimum income benefit features on certain annuity products previously sold by the former Star and Edison Businesses, due to higher annuity election rates and lower assumed lapse rates.

Excluding the effect of the items discussed above, adjusted operating income from our Gibraltar Life and Other operations increased $\$ 366$ million, primarily reflecting business growth, favorable results from non-coupon investments and $\$ 229$ million of cost savings resulting from Star and Edison integration synergies, compared to $\$ 165$ million in the prior year. In addition, the current year benefited from favorable mortality experience and accelerated earnings due to surrenders of fixed annuities denominated in Australian and U.S. dollars caused by the appreciation of these currencies relative to the Japanese yen.

2012 to 2011 Annual Comparison. Adjusted operating income from our Life Planner operations increased $\$ 235$ million including a net favorable impact of $\$ 54$ million from currency fluctuations. Results for 2012 benefited from a $\$ 20$ million reduction in the amortization of deferred policy acquisition costs and lower reserves, reflecting the impact of our annual review and update of assumptions used in estimating the profitability of the business. In addition, the increase in adjusted operating income reflects the absence of a $\$ 12$ million charge associated with estimated claims and expenses arising from the 2011 earthquake in Japan and a $\$ 6$ million benefit in 2012 resulting from a cash distribution received from the Japan Financial Stability Fund. Excluding the impact of these items, adjusted operating income for our Life Planner operations increased $\$ 143$ million, primarily reflecting the growth of business in force driven by sales results and continued strong persistency in our Japanese Life Planner operation, partly offset by the impact of lower reinvestment rates.

Adjusted operating income from our Gibraltar Life and Other operations increased $\$ 206$ million including a net favorable impact of $\$ 51$ million from currency fluctuations and the absence of a $\$ 49$ million charge associated with claims and expenses arising from the 2011 earthquake in Japan. Additionally, results for 2012 include $\$ 138$ million of integration costs relating to the acquisition of the Star and Edison Businesses compared to $\$ 213$ million of integration and transaction costs in 2011. Partly offsetting these favorable variances is a $\$ 15$ million net charge in 2012 reflecting the impact of certain charges related to our life insurance joint venture in India offset by a cash distribution received from the Japan Financial Stability Fund. Both periods benefited from the impact of partial sales of our previous investment held in China Pacific Group, which contributed a $\$ 60$ million benefit to 2012 results compared to a $\$ 237$ million benefit in 2011.

Excluding the effect of the items discussed above, adjusted operating income from our Gibraltar Life and Other operations increased $\$ 223$ million, primarily reflecting cost savings of $\$ 165$ million from Star and Edison integration synergies, compared to $\$ 21$ million of cost savings in 2011, as well as business growth and the impact of including two additional months of earnings from the former Star and Edison Businesses. These favorable items were partly offset by higher benefits and expenses, including costs supporting distribution channel growth, less favorable mortality in comparison to the prior year and the impact of lower reinvestment rates.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues from our Life Planner operations, as shown in the table above under "-Operating Results," decreased $\$ 24$ million including a net unfavorable impact of $\$ 749$ million from currency fluctuations. Excluding the impact of currency fluctuations, revenues increased $\$ 725$ million. This increase in revenues came primarily from increases in premiums and policy charges and fee income of $\$ 584$ million driven by growth of business in force in our Japanese Life Planner operation. In addition, net investment income increased $\$ 146$ million primarily reflecting investment portfolio growth, partly offset by the impact from lower reinvestment rates.

Benefits and expenses from our Life Planner operations, as shown in the table above under "-Operating Results," decreased $\$ 60$ million including a net favorable impact of $\$ 800$ million from currency fluctuations. Excluding the impact of currency fluctuations, benefits and expenses increased $\$ 740$ million. This increase in expenses primarily reflects a $\$ 597$ million increase in policyholder benefits, including changes in reserves, driven by business growth as well as reserve strengthening on certain policies based on an internal review. The amortization of DAC increased $\$ 59$ million primarily reflecting the growth of business in force. In addition, general and administrative expenses, net of capitalization, increased $\$ 52$ million driven by distribution growth and technology expenditures.

Revenues from our Gibraltar Life and Other operations decreased $\$ 7,022$ million, including a net unfavorable impact of $\$ 1,779$ million from currency fluctuations. Excluding the impact of currency fluctuations, revenues for Gibraltar Life decreased $\$ 5,243$ million. This decrease reflects a $\$ 5,391$ million decrease in premiums and policy charges and fee income, with a related decline in policyholder benefits, largely reflecting lower sales of yen-denominated single premium reduced death benefit whole life policies in the bank channel, as discussed further under "-Sales Results" below, partly offset by increased renewal premiums in the Independent Agency and Life Consultant distribution channels. Net investment income increased $\$ 270$ million primarily reflecting portfolio growth and favorable results from non-coupon investments.

Benefits and expenses of our Gibraltar Life and Other operations decreased $\$ 7,434$ million including a net favorable impact of $\$ 1,817$ million from currency fluctuations. Excluding the impact of currency fluctuations, benefits and expenses decreased $\$ 5,617$ million. Policyholder benefits, including changes in reserves, decreased $\$ 5,332$ million, with a related decline in premiums and policy charges and fee income, driven by lower sales of yen-denominated single premium reduced death benefit whole life policies. In addition, general and administrative expenses, net of capitalization, decreased $\$ 289$ million primarily driven by lower integration costs and higher integration synergies relating to the acquisition of the Star and Edison Businesses.

2012 to 2011 Annual Comparison. Revenues from our Life Planner operations increased $\$ 800$ million including a net favorable impact of $\$ 15$ million from currency fluctuations. Excluding currency fluctuations, revenues increased $\$ 785$ million primarily reflecting increases in premiums and policy charges and fee income of $\$ 604$ million driven by growth of business in force and continued strong persistency in our Japanese Life Planner operation. Net investment income increased $\$ 155$ million reflecting investment portfolio growth, partially offset by the impact of lower reinvestment rates.

Benefits and expenses of our Life Planner operations increased $\$ 565$ million including a net favorable impact of $\$ 39$ million from currency fluctuations. Excluding currency fluctuations, benefits and expenses increased $\$ 604$ million. Benefits and expenses of our Japanese Life Planner operation increased $\$ 504$ million, primarily reflecting an increase in policyholder benefits due to changes in reserves driven by the growth in business in force, partially offset by the absence of charges recognized in 2011 associated with claims from the 2011 earthquake in Japan. Additionally, 2012 includes a $\$ 20$ million benefit from a reduction in the amortization of deferred policy acquisition costs and lower reserves, reflecting the impact of our annual review and update of assumptions used in estimating the profitability of the business.

Revenues from our Gibraltar Life and Other operations increased $\$ 9,219$ million including a net favorable impact of $\$ 339$ million from currency fluctuations. Excluding currency fluctuations, revenues increased $\$ 8,880$ million. This increase is driven by an $\$ 8,683$ million increase in premiums and policy charges and fee income reflecting growth in the bank distribution channel, particularly from sales of yen-denominated single premium reduced death benefit whole life policies and, to a lesser extent, increased sales of cancer whole life and U.S. dollar-denominated retirement income products in the Life Consultant distribution channel. Also contributing to the increase in revenues is higher net investment income of $\$ 362$ million primarily reflecting investment portfolio growth, partially offset by the impact of lower reinvestment rates. Asset management fees and other income declined driven by the comparative impact of partial sales of our previous investment held in China Pacific Group, which resulted in a $\$ 60$ million gain in 2012 compared to a $\$ 237$ million gain in 2011, partially offset by the distribution received in 2012 from the Japan Financial Stability Fund.

Benefits and expenses of our Gibraltar Life and Other operations increased $\$ 9,013$ million, including a net unfavorable impact of $\$ 288$ million from currency fluctuations. Excluding currency fluctuations, benefits and expenses increased $\$ 8,725$ million. Policyholder benefits, including changes in reserves, increased $\$ 8,283$ million primarily driven by higher sales of yen-denominated single premium reduced death benefit whole life, cancer whole life and U.S. dollar-denominated retirement income products in 2012, partially offset by the absence of charges recognized in 2011 associated with claims from the 2011 earthquake in Japan. General and administrative expenses, net of capitalization, and DAC amortization increased primarily due to increased costs supporting business growth and charges associated with our life insurance joint venture in India, partially offset by additional synergies and lower integration costs associated with the Star and Edison acquisition.

## Sales Results

The following table sets forth annualized new business premiums, as defined under "-Segment measures" above, on an actual and constant exchange rate basis for the periods indicated.

|  | Year ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Annualized new business premiums: |  |  |  |
| On an actuar exchange rate basis: Life Planner operations ..... | \$1,128 |  | \$1,150 |
| Gibraltar Life | 1,756 | 2,724 | 2,042 |
| Total | \$2,884 | \$4,078 | \$3,192 |
| On a constant exchange rate basis: |  |  |  |
| Life Planner operations | \$1,214 | \$1,321 | \$1,107 |
| Gibraltar Life | 1,904 | 2,635 | 1,976 |
| Total | \$3,118 | \$3,956 | \$3,083 |

The amount of annualized new business premiums for any given period can be significantly impacted by several factors, including but not limited to, changes in credited interest rates for certain products and other product modifications, changes in tax laws, changes in life insurance regulations or changes in the competitive environment. Sales volume may increase or decrease prior to such changes becoming effective, and then fluctuate in the other direction following such changes.

2013 to 2012 Annual Comparison. The table below presents annualized new business premiums on a constant exchange rate basis, by product and distribution channel, for the periods indicated.

|  | Year Ended December 31, 2013 |  |  |  |  | Year Ended December 31, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Life | $\begin{gathered} \text { Accident } \\ \& \\ \text { Health } \end{gathered}$ | Retirement <br> (1) | Annuity | Total | Life | Accident \& Health | Retirement <br> (1) | Annuity | Total |
| Life Planners | \$ 590 | \$110 | \$463 | \$ 51 | $\overline{(\text { in mil }}$ | $\begin{aligned} & \text { llions) } \\ & \$ 479 \end{aligned}$ | \$189 | \$581 | \$ 72 | \$1,321 |
| Gibraltar Life: |  |  |  |  |  |  |  |  |  |  |
| Life Consultants Banks(2) ...... | 475 701 | 106 2 | 134 | 134 105 | 849 817 | 437 1,228 | 151 36 | 180 12 | 130 110 | 898 1,386 |
| Independent Agency | 99 | 35 | 71 | 33 | 238 | 77 | 197 | 50 | 27 | 351 |
| Subtotal | 1,275 | 143 | 214 | 272 | 1,904 | 1,742 | 384 | 242 | 267 | 2,635 |
| Total | \$1,865 | \$253 | \$677 | \$323 | \$3,118 | \$2,221 | \$573 | \$823 | \$339 | \$3,956 |

(1) Includes retirement income, endowment and savings variable universal life.
(2) Single pay life annualized new business premiums, which include $10 \%$ of first year premiums, and 3-year limited pay annualized new business premiums, which include $100 \%$ of new business premiums, represented $39 \%$ and $44 \%$, respectively, of total bank distribution channel annualized new business premiums, excluding annuity products, for the year ended December 31, 2013, and $74 \%$ and $19 \%$, respectively, of total bank distribution channel annualized new business premiums, excluding annuity products, for the year ended December 31, 2012. Single pay and limited pay products generally have less death benefit protection per premium paid than more traditional recurring premium products.

Annualized new business premiums, on a constant exchange rate basis, from our Life Planner operations decreased $\$ 107$ million driven by a $\$ 108$ million decrease in Japan. The decline in Japan primarily reflects accelerated sales of U.S. dollar-denominated retirement
income and cancer whole life products in 2012 prior to crediting rate and tax law changes, respectively. These declines were partly offset by increased sales of protection and yen-denominated retirement income products in Japan. In addition, increased sales from growth of our Life Planner operation in Brazil were offset by lower sales in Taiwan and Korea.

Annualized new business premiums, on a constant exchange rate basis, from our Gibraltar Life operations decreased $\$ 731$ million. Bank channel sales declined $\$ 569$ million reflecting lower sales of yen-denominated single premium reduced death benefit whole life policies, partly offset by higher sales of recurring premium whole life products. Sales of the yen-denominated single premium reduced death benefit whole life product, which were suspended at the end of September 2013, were elevated in 2012 in anticipation of pricing changes effective January 2013 as well as due to certain actions taken by our competitors. Independent Agency and Life Consultant sales declined $\$ 113$ million and $\$ 49$ million, respectively, driven by accelerated sales of cancer whole life and U.S. dollar-denominated retirement income and whole life products in the prior year due to tax law and crediting rate changes, respectively.

2012 to 2011 Annual Comparison. The table below presents annualized new business premiums on a constant exchange rate basis, by product and distribution channel, for the periods indicated.

(1) Includes retirement income, endowment and savings variable universal life.
(2) Single pay life annualized new business premiums, which include $10 \%$ of first year premiums, and 3 -year limited pay annualized new business premiums, which include $100 \%$ of new business premiums, represented $74 \%$ and $19 \%$, respectively, of total bank distribution channel annualized new business premiums, excluding annuity products, for the year ended December 31, 2012, and $31 \%$ and $45 \%$, respectively, of total bank distribution channel annualized new business premiums, excluding annuity products, for the year ended December 31, 2011. Single pay and limited pay products generally have less death benefit protection per premium paid than more traditional recurring premium products.

Annualized new business premiums, on a constant exchange rate basis, from our Life Planner operations increased $\$ 214$ million driven by higher sales in Japan. Sales in Japan increased $\$ 177$ million reflecting increased demand for U.S. dollar-denominated retirement income products (prior to a crediting rate change in June 2012), cancer whole life products (prior to a tax law change in April 2012) and yen-denominated retirement income products in the corporate market. To a lesser extent, sales in Brazil, Korea, Taiwan and Italy increased due to growth and the introduction of new products into these markets.

Annualized new business premiums, on a constant exchange rate basis, from our Gibraltar Life operations increased $\$ 659$ million driven by increased sales of $\$ 799$ million in the bank channel distribution. Bank channel sales largely reflect higher sales of yendenominated single premium reduced death benefit whole life policies in anticipation of pricing changes effective January 2013 as well as the benefit from actions taken by certain of our competitors to limit sales and lower crediting rates on similar products. Independent Agency and Life Consultant sales declined $\$ 95$ million and $\$ 45$ million, respectively, driven by the discontinuation of certain products previously offered by the former Star and Edison Businesses and the expected attrition of former Star and Edison Life Consultants. These decreases were partly offset by higher sales of cancer whole life products prior to a tax law change in April 2012 as well as increased demand for U.S. dollar-denominated retirement income products prior to pricing changes in April 2012.

## Salesforce

The following table sets forth the number of Life Planners and Life Consultants for the periods indicated.

|  | As of December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
| Life Planners: |  |  |  |
| Japan . | 3,258 | 3,216 | 3,137 |
| All other countries | 3,990 | 3,842 | 3,655 |
| Gibraltar Life Consultants | 9,327 | 11,333 | 12,791 |
| Total | 16,575 | 18,391 | 19,583 |

2013 to 2012 Comparison. The number of Life Planners increased by 190 from December 31, 2012 driven by a 202 increase in Brazil as a result of recruiting efforts and agency growth. Life Planner growth in Japan of 42 was offset by a decline of 44 in Taiwan.

The number of Gibraltar Life Consultants decreased by 2,006 from December 31, 2012 primarily reflecting the termination of Life Consultants for not meeting minimum sales production standards as part of an ongoing competency assessment.

2012 to 2011 Comparison. The number of Life Planners increased by 266 from December 31, 2011 driven by increases of 96 and 79 in Korea and Japan, respectively, reflecting recruitment and retention initiatives and 69 in Brazil due to agency growth. Also contributing to the increase in Life Planners over the past year were increases of 61 in Poland and 22 in Italy, partly offset by declines of 37 in Taiwan and 26 in Mexico.

The number of Gibraltar Life Consultants decreased by 1,458 from December 31, 2011, including anticipated resignations and terminations of Life Consultants, due in part to their failure to meet minimum sales production standards as part of an ongoing competency assessment.

## Corporate and Other

Corporate and Other includes corporate operations, after allocations to our business segments, and divested businesses except those that qualify for "discontinued operations" accounting treatment under U.S. GAAP.

(1) Includes consolidating adjustments.

2013 to 2012 Annual Comparison. The loss from Corporate and Other operations, on an adjusted operating income basis, increased $\$ 32$ million. Operating debt interest expense, net of investment income, increased $\$ 87$ million driven by higher levels of operating debt proceeds held in cash for debt prefunding activities and to provide additional flexibility for the cash needs in our businesses. Net charges from corporate activities include the impact of our annual review and update of assumptions on the reserves for certain retained obligations relating to predemutualization policyholders to whom we had previously agreed to provide insurance for reduced or no premium in accordance with contractual settlements related to prior individual life insurance sales practices remediation. This update resulted in net charges of $\$ 78$ million for 2012. Excluding the impact of this update, the increase in net charges from other corporate activities was primarily driven by increased retained corporate expenses including higher compensation costs due to improvement in company earnings and favorable equity market performance. Capital debt interest expense decreased $\$ 44$ million due to lower levels of capital debt and retirement of debt issued at higher interest rates.

Results from Corporate and Other operations pension and employee benefits increased $\$ 81$ million primarily due to the absence of an increase in recorded liabilities for certain employee benefits in 2012 and a favorable comparative impact of retained benefit expenses. Income from our qualified pension plan decreased $\$ 21$ million driven by changes in the discount rate to $4.05 \%$ in 2013 from $4.85 \%$ in 2012 and the expected rate of return on plan assets to $6.25 \%$ in 2013 from $6.75 \%$ in 2012.

At the end of 2013, we transferred $\$ 340$ million of assets supporting pension benefits within the qualified pension plan to assets supporting retiree medical and life benefits as permitted under Section 420 of the Internal Revenue Code. For purposes of calculating pension income from our own qualified pension plan for the year ended December 31, 2014, we will increase the discount rate to $4.95 \%$ from $4.05 \%$ in 2013. The expected rate of return on plan assets and the assumed rate of increase in compensation will remain unchanged at $6.25 \%$ and $4.5 \%$, respectively. We determined our expected rate of return on plan assets based upon a building block approach that considers inflation, real return, term premium, credit spreads, equity risk premium and capital appreciation as well as expenses, expected asset manager performance and the effect of rebalancing for the equity, debt and real estate asset mix applied on a weighted average basis to our pension asset portfolio. Giving effect to the foregoing assumptions and other factors, including the Section 420 transfer, we expect, on a consolidated basis, income from our own qualified pension plan will continue to contribute to adjusted operating income in 2014, but at a level of about $\$ 100$ million to $\$ 110$ million lower than in 2013 . We expect other postretirement benefit expenses to decrease in a range of $\$ 45$ million to $\$ 55$ million. The decrease is driven primarily by the additional assets provided by the Section 420 transfer, favorable claims experience and by an increase in the discount rate to $4.75 \%$ from $3.85 \%$. In 2014, pension and other postretirement benefit service costs related to active employees will continue to be allocated to our business segments.

2012 to 2011 Annual Comparison. The loss from Corporate and Other operations, on an adjusted operating income basis, increased $\$ 226$ million. Capital debt interest expense increased $\$ 78$ million primarily due to higher levels of capital debt. Operating debt interest expense, net of investment income, increased $\$ 27$ million reflecting less favorable results from equity method investments and higher levels of operating debt. Net charges from other corporate activities for 2012 include a $\$ 78$ million charge from the impact of an annual review and update of assumptions on the reserves for certain retained obligations relating to pre-demutualization policyholders to whom we had previously agreed to provide insurance for reduced or no premium in accordance with contractual settlements related to prior individual life insurance sales practices remediation. In addition, retained corporate expenses increased in 2012 primarily from an increase in corporate advertising, the results of our corporate foreign exchange hedging activities and the costs related to the prepayment of outstanding debt. These increases are partially offset by a favorable comparative impact for our estimate of payments arising from the use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders and the absence of a $\$ 20$ million expense accrued in 2011 related to a voluntary contribution to be made to the insurance industry insolvency fund, related to Executive Life Insurance.

Results from Corporate and Other operations pension and employee benefits decreased $\$ 48$ million primarily due to an increase in recorded liabilities for certain employee benefits and higher postretirement costs. Income from our qualified pension plan partially offset these unfavorable items reflecting better than expected growth in plan assets partially offset by a decrease in the expected rate of return on plan assets from $7.00 \%$ in 2011 to $6.75 \%$ in 2012.

## Capital Protection Framework

Corporate and Other operations includes the results related to our Capital Protection Framework, which includes the capital hedge program. The capital hedge program broadly addresses the equity market exposure of the statutory capital of the Company as a whole, under stress scenarios, as described under "-Liquidity and Capital Resources-Capital-Capital Protection Framework." Costs related to this hedge program were $\$ 45$ million, $\$ 40$ million and $\$ 21$ million for the years ended December 31, 2013, 2012 and 2011, respectively.

We also manage certain risks associated with our variable annuity products through our living benefit hedging program, which is described under "-U.S. Retirement Solutions and Investment Management Division—Individual Annuities."

In addition, we may choose to manage certain capital market related risk associated with various operations of the Financial Services Businesses through capital management strategies other than hedging of particular exposures. "Realized investment gains (losses), net and related adjustments" includes net gains of $\$ 2,086$ million, net gains of $\$ 184$ million and net losses of $\$ 1,662$ million for the years ended December 31, 2013, 2012 and 2011 respectively, resulting from our decision to utilize these capital management strategies to manage a portion of our interest rate risk. The $\$ 2,086$ million of net gains in 2013 and the $\$ 1,662$ million of net losses in 2011 were driven by significant increases and declines, respectively in risk-free interest rates during the respective years. The capital consequences associated with this decision have been factored into our Capital Protection Framework.

Through our Capital Protection Framework, we maintain access to on-balance sheet capital and maintain access to committed sources of capital to meet capital needs related to these hedging programs.

We assess the composition of these hedging programs on an ongoing basis, and we may change them from time to time based on our evaluation of our risk position or other factors. For more information on our Capital Protection Framework, see "-Liquidity and Capital Resources."

## Results of Operations of Closed Block Business

We established the Closed Block Business effective as of the date of demutualization. The Closed Block Business includes our in force traditional domestic participating life insurance and annuity products and assets that are used for the payment of benefits and policyholder dividends on these policies, as well as other assets and equity and related liabilities that support these policies. We no longer offer these traditional domestic participating policies. See Note 12 to the Consolidated Financial Statements and "-Closed Block Business" for additional details.

Each year, the Board of Directors of Prudential Insurance determines the dividends payable on participating policies for the following year based on the experience of the Closed Block, including investment income, net realized and unrealized investment gains, mortality experience and other factors. Although Closed Block experience for dividend action decisions is based upon statutory results, at the time the Closed Block was established, we developed, as required by U.S. GAAP, an actuarial calculation of the timing of the maximum future earnings from the policies included in the Closed Block. If actual cumulative earnings in any given period are greater than the cumulative earnings we expected, we will record this excess as a policyholder dividend obligation. We will subsequently pay this excess to Closed Block policyholders as an additional dividend unless it is otherwise offset by future Closed Block performance that is less favorable than we originally expected. The policyholder dividends we charge to expense within the Closed Block Business will include any change in our policyholder dividend obligation that we recognize for the excess of actual cumulative earnings in any given period over the cumulative earnings we expected in addition to the actual policyholder dividends declared by the Board of Directors of Prudential Insurance.

As of December 31, 2013, the excess of actual cumulative earnings over the expected cumulative earnings was $\$ 887$ million, which was recorded as a policyholder dividend obligation. Actual cumulative earnings, as required by U.S. GAAP, reflect the recognition of realized investment gains and losses in the current period, as well as changes in assets and related liabilities that support the Closed Block policies. Additionally, the accumulation of net unrealized investment gains that have arisen subsequent to the establishment of the Closed Block have been reflected as a policyholder dividend obligation of $\$ 3,624$ million at December 31, 2013, to be paid to Closed Block policyholders unless offset by future experience, with an offsetting amount reported in AOCI.

## Operating Results

Management does not consider adjusted operating income to assess the operating performance of the Closed Block Business. Consequently, results of the Closed Block Business for all periods are presented only in accordance with U.S. GAAP. The following table sets forth the Closed Block Business U.S. GAAP results for the periods indicated.

|  | Year | ded Dece | ber 31, |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | millions |  |
| U.S. GAAP results: |  |  |  |
| Revenues . . . . . . . . | \$6,036 5,974 | $\$ 6,257$ 6,193 | $\$ 7,015$ 6,801 |
| Income from continuing | \$ $\quad 62$ | \$ $\quad 64$ | \$ 214 |

## Income from Continuing Operations Before Income Taxes and Equity in Earnings of Operating Joint Ventures

2013 to 2012 Annual Comparison. Income from continuing operations before income taxes and equity in earnings of operating joint ventures decreased $\$ 2$ million primarily due to a decline in net investment income. Net investment income decreased $\$ 137$ million primarily reflecting the impact of lower reinvestment rates and lower asset balances as the business runs off, partially offset by favorable results from non-coupon investments. Net realized investment gains decreased $\$ 11$ million, primarily due to $\$ 251$ million of unfavorable changes in the value of derivatives, largely offset by higher trading gains on equity securities. For a discussion of Closed Block Business realized investment gains (losses), net, see "-Realized Investment Gains and Losses." As a result of the above and other variances, a $\$ 2$ million policyholder dividend obligation expense was recorded in 2013, compared to $\$ 123$ million in 2012. As noted above, as of December 31, 2013, the excess of actual cumulative earnings over the expected cumulative earnings was $\$ 887$ million. If actual cumulative earnings fall below expected cumulative earnings in future periods, earnings volatility in the Closed Block Business, which is primarily due to changes in investment results, may not be offset by changes in the cumulative policyholder dividend obligation.

2012 to 2011 Annual Comparison. Income from continuing operations before income taxes and equity in earnings of operating joint ventures decreased $\$ 150$ million. Results for 2012 included $\$ 602$ million of lower net realized investment gains, primarily due to lower trading gains on fixed maturities and equity investments, as well as unfavorable changes in the value of derivatives. For a discussion of Closed Block Business realized investment gains (losses), net, see "-Realized Investment Gains and Losses." Also contributing to the decline in results was a $\$ 61$ million decrease in net investment income primarily reflecting the impact of lower reinvestment rates and lower asset balances as the business runs off. As a result of the above and other variances, a $\$ 123$ million policyholder dividend obligation expense was recorded in 2012, compared to $\$ 636$ million in 2011.

## Revenues, Benefits and Expenses

2013 to 2012 Annual Comparison. Revenues, as shown in the table above under "-Operating Results," decreased $\$ 221$ million primarily driven by a $\$ 137$ million decrease in net investment income, as discussed above. Premiums declined by $\$ 89$ million, with a related decrease in changes in reserves, primarily due to the expected in force decline as policies terminate. Also contributing to the decline in revenues was an $\$ 11$ million decrease in net realized investment gains, as discussed above.

Benefits and expenses, as shown in the table above under "-Operating Results," decreased $\$ 219$ million primarily driven by a $\$ 111$ million decrease in policyholder benefits, including changes in reserves. This decrease primarily reflects the absence of a reserve increase in the prior year for estimated payments arising from the use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders, as well as the impact from the in force decline as policies terminate. Also contributing to the decrease is a $\$ 111$ million decline in dividends to policyholders, including a $\$ 121$ million decrease in the policyholder dividend obligation expense reflecting a lower increase in cumulative earnings, partially offset by an increase in dividends paid and accrued of $\$ 10$ million.

2012 to 2011 Annual Comparison. Revenues decreased $\$ 758$ million principally driven by the $\$ 602$ million decrease in net realized investment gains, as discussed above. Premiums declined by $\$ 101$ million, with a related decrease in changes in reserves, primarily due to the expected in force decline as policies terminate. Also contributing to the decline in revenues was a $\$ 61$ million decrease in net investment income, as discussed above.

Benefits and expenses decreased $\$ 608$ million primarily driven by a $\$ 550$ million decline in dividends to policyholders including a $\$ 513$ million decrease in the policyholder dividend obligation expense reflecting a lower increase in cumulative earnings. In addition, policyholders' benefits, including changes in reserves, decreased $\$ 37$ million primarily due to the expected in force decline as policies terminate, partially offset by an increase in reserves for estimated payments arising from use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders.

## Income Taxes

Shown below is our income tax provision for the years ended December 31, 2013, 2012 and 2011, separately reflecting the impact of certain significant items. Also presented below is the income tax provision that would have resulted from application of the statutory $35 \%$ federal income tax rate in each of these periods.

|  | Year en | ed Decen | er 31, |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | millions |  |
| Tax provision | \$(1,058) | \$ 213 | \$1,515 |
| Impact of: |  |  |  |
| Non-taxable investment income | 319 | 302 | 247 |
| Low income housing and other tax credits | 105 | 78 | 80 |
| Reversal of acquisition opening balance sheet deferred tax items | (55) | (384) | (221) |
| Medicare Part D | 43 | 1 | 2 |
| Minority interest | 37 | 17 | 11 |
| Foreign taxes at other than U.S. rate | 36 | 51 | 37 |
| Uncertain tax positions and interest | 16 | (8) | 57 |
| State and local taxes | (10) | (15) | 0 |
| Non-deductible expenses | (10) | (7) | (17) |
| Change in tax rate | 2 | (1) | (18) |
| Repatriation assumption change | 0 | (6) | 11 |
| Change in valuation allowance | 0 | 1 | (8) |
| Other | (14) | 6 | 41 |
| Tax provision excluding these items | \$ (589) | \$248 | $\overline{\$ 1,737}$ |
| Tax provision at statutory rate | \$ (589) | \$248 | \$1,737 |

Our income tax provision, on a consolidated basis, amounted to an income tax benefit of $\$ 1,058$ million in 2013 compared to an expense of $\$ 213$ million in 2012. Our income tax provision for 2013 and 2012 includes $\$ 55$ million and $\$ 384$ million, respectively, of an additional U.S. tax expense related to the realization of a portion of the local deferred tax assets existing on the opening day balance sheet for the Star and Edison Businesses and Prudential Gibraltar Financial Life Insurance Company, Ltd ("Prudential Gibraltar"). The U.S. tax expense for 2013 is reflective of a change in repatriation assumption for Gibraltar Life and Prudential Gibraltar. During the first quarter of 2013, we determined that in addition to U.S. GAAP earnings, we would repatriate an additional amount from Gibraltar Life and Prudential Gibraltar, but that such additional amount would not exceed the deferred tax assets recorded in the Statement of Financial Position as of the acquisition date for Prudential Gibraltar and the Star and Edison Businesses. The U.S. tax expense for 2012 is reflective of the merger of Star and Edison Businesses into Gibraltar Life and it represented the recomputed U.S. tax liability on Gibraltar's Life's prior earnings as a result of the repatriation assumption and the merger of the entities. The local utilization of the deferred tax asset coupled with the repatriation assumption related to the applicable earnings of our Japanese entities creates the effect of a "double tax" for U.S. GAAP purposes, whereas the tax expense will only be paid once. Excluding the impact of the "double tax", the income tax expense decreased primarily due to the decrease in pre-tax income from continuing operations before income taxes and equity in earnings of operating joint ventures and increase in non-taxable investment income for the year ended December 31, 2013.

Our income tax provision related to foreign operations, on a consolidated basis, amounted to an income tax benefit of $\$ 826$ million in 2013 compared to $\$ 46$ million in 2012. Our foreign operations income tax provision for 2013 and 2012 includes $\$ 108$ million and $\$ 73$ million of an additional tax expense from the re-measurement of deferred tax liabilities resulting from the Japan corporate income tax rate reduction. However, since we assume repatriation of earnings from our Japanese operations, our domestic tax provision in 2013 and 2012 includes $\$ 108$ million and $\$ 73$ million of an additional tax benefit resulting from the increase or decrease in the future foreign tax credit benefit and, as a result, the reduction in the Japan corporate tax rate had no impact on our overall income tax provision. Excluding the impact from the Japan corporate income tax rate reduction, the foreign operations income tax provision decreased primarily due to the decrease in foreign operations pre-tax income from continuing operations before income taxes and equity in earnings of operating joint ventures.

We employ various tax strategies, including strategies to minimize the amount of taxes resulting from realized capital gains.
For additional information regarding income taxes, see Note 19 to the Consolidated Financial Statements.

## Discontinued Operations

Included within net income are the results of businesses which are reflected as discontinued operations under U.S. GAAP. Income (loss) from discontinued operations, net of taxes, was $\$ 7$ million, $\$ 15$ million and $\$ 35$ million for the years ended December 31, 2013, 2012 and 2011, respectively.

For additional information regarding discontinued operations see Note 3 to the Consolidated Financial Statements.

## Divested Businesses

Our income from continuing operations includes results from several businesses that have been or will be sold or exited that do not qualify for "discontinued operations" accounting treatment under U.S. GAAP. The results of these divested businesses are reflected in our Corporate and Other operations, but are excluded from adjusted operating income. For a further description of these divested businesses, see "Business-Corporate and Other" included in Prudential Financial's 2013 Annual Report on Form 10-K. A summary of the results of these divested businesses that have been excluded from adjusted operating income is as follows for the periods indicated:

|  | Year | d Dece | er 31, |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | million |  |
| Real Estate and Relocation Services | \$ 84 | \$ 26 | \$ 81 |
| Long-Term Care | (34) | (608) | 47 |
| Wealth Management Services(1) | (3) | (18) | (11) |
| Individual Health Insurance | (15) | (6) | (15) |
| Financial Advisory | (4) | (5) | (7) |
| Other(2) | 1 | (4) | (5) |
| Total divested businesses income (loss) excluded from adjusted operating income | \$ 29 | \$(615) | \$ 90 |

(1) On July 1, 2013, the Company sold its wealth management solutions business to Envestnet Inc. Due to the existence of an ongoing contractual relationship between the Company and these operations, this disposition did not qualify for discontinued operations treatment under U.S. GAAP. As a result, the Company has classified the results of these operations, previously reported in the Asset Management segment, as a "divested business" for all periods presented.
(2) Reflects the income from discontinued real estate investments.

Real Estate and Relocation Services. Results of the year ended December 31, 2013 include pre-tax gains of $\$ 51$ million from the sales of investments in real estate brokerage franchises. Results for the year ended December 31, 2011 include a pre-tax gain of $\$ 49$ million reflecting the sale of our real estate brokerage franchise and relocation services business. For additional information on the sale of our real estate brokerage franchise and relocation services business, see Note 3 to the Consolidated Financial Statements.

Long-Term Care. Results for the year ended December 31, 2012 include a $\$ 639$ million pre-tax charge from an increase in reserves for our long-term care products and adjustments to deferred policy acquisition and other costs, reflecting updates to the estimated profitability of the business, driven by changes to our long-term interest rate and morbidity assumptions, partially offset by expected future premium increases.

## Experience-Rated Contractholder Liabilities, Trading Account Assets Supporting Insurance Liabilities and Other Related Investments

Certain products included in the Retirement and International Insurance segments are experience-rated in that investment results associated with these products are expected to ultimately accrue to contractholders. The majority of investments supporting these experience-rated products are classified as trading and are carried at fair value. These trading investments are reflected on the statements of financial position as "Trading account assets supporting insurance liabilities, at fair value" ("TAASIL"). Realized and unrealized gains and losses for these investments are reported in "Asset management fees and other income." Interest and dividend income for these investments is reported in "Net investment income." To a lesser extent, these experience-rated products are also supported by derivatives and commercial mortgage and other loans. The derivatives that support these experience-rated products are reflected on the statement of financial position as "Other long-term investments" and are carried at fair value, and the realized and unrealized gains and losses are reported in "Realized investment gains (losses), net." The commercial mortgage and other loans that support these experience-rated products are carried at unpaid principal, net of unamortized discounts and an allowance for losses, and are reflected on the statements of financial position as "Commercial mortgage and other loans." Gains and losses on sales and changes in the valuation allowance for commercial mortgage and other loans are reported in "Realized investment gains (losses), net."

Our Retirement segment has two types of experience-rated products that are supported by TAASIL and other related investments. Fully participating products are those for which the entire return on underlying investments is passed back to the policyholders through a corresponding adjustment to the related liability. The adjustment to the liability is based on changes in the fair value of all of the related assets, including commercial mortgage and other loans, which are carried at amortized cost, less any valuation allowance. Partially participating products are those for which only a portion of the return on underlying investments is passed back to the policyholders over time through changes to the contractual crediting rates. The crediting rates are typically reset semiannually, often subject to a minimum crediting rate, and returns are required to be passed back within ten years.

In our International Insurance segment, the experience-rated products are fully participating. As a result, the entire return on the underlying investments is passed back to policyholders through a corresponding adjustment to the related liability.

Adjusted operating income excludes net investment gains and losses on TAASIL, related derivatives and commercial mortgage and other loans. This is consistent with the exclusion of realized investment gains and losses with respect to other investments supporting
insurance liabilities managed on a consistent basis. In addition, to be consistent with the historical treatment of charges related to realized investment gains and losses on investments, adjusted operating income also excludes the change in contractholder liabilities due to asset value changes in the pool of investments (including changes in the fair value of commercial mortgage and other loans) supporting these experiencerated contracts, which are reflected in "Interest credited to policyholders' account balances." The result of this approach is that adjusted operating income for these products includes net fee revenue and interest spread we earn on these experience-rated contracts, and excludes changes in fair value of the pool of investments, both realized and unrealized, that we expect will ultimately accrue to the contractholders.

The following tables set forth the impact of these items on results that are excluded from adjusted operating income for the periods indicated:

(1) Decreases to contractholder liabilities due to asset value changes are limited by certain floors and therefore do not reflect cumulative declines in recorded asset values of $\$ 26$ million, $\$ 3$ million and $\$ 7$ million as of December 31, 2013, 2012 and 2011, respectively. We have recovered and expect to recover in future periods these declines in recorded asset values through subsequent increases in recorded asset values or reductions in crediting rates on contractholder liabilities.
(2) Included in the amounts above related to the change in the liability to contractholders as a result of commercial mortgage and other loans are a decrease of $\$ 58$ million, and increases of $\$ 18$ million and $\$ 55$ million for the years ended December 31, 2013, 2012 and 2011, respectively. As prescribed by U.S. GAAP, changes in the fair value of commercial mortgage and other loans held for investment in our general account, other than when associated with impairments, are not recognized in income in the current period, while the impact of these changes in fair value are reflected as a change in the liability to fully participating contractholders in the current period.

The net impacts for the Retirement segment of changes in experience-rated contractholder liabilities and investment gains and losses on trading account assets supporting insurance liabilities and other related investments reflect timing differences between the recognition of the mark-to-market adjustments and the recognition of the recovery of these adjustments in future periods through subsequent increases in asset values or reductions in crediting rates on contractholder liabilities for partially participating products. These impacts also reflect the difference between the fair value of the underlying commercial mortgage and other loans and the amortized cost, less any valuation allowance, of these loans, as described above.

## Valuation of Assets and Liabilities

## Fair Value of Assets and Liabilities

The authoritative guidance related to fair value measurement establishes a framework that includes a three-level hierarchy used to classify the inputs used in measuring fair value. The level in the hierarchy within which the fair value falls is determined based on the lowest level input that is significant to the measurement. The fair values of assets and liabilities classified as Level 3 include at least one or more significant unobservable input in the measurement. See Note 20 to the Consolidated Financial Statements for an additional description of the valuation hierarchy levels.

The tables below present the balances of assets and liabilities measured at fair value on a recurring basis, as of the periods indicated, split between the Financial Services Businesses and Closed Block Business, and the portion of such assets and liabilities that are classified in Level 3 of the valuation hierarchy. See Note 20 to the Consolidated Financial Statements for the balances of assets and liabilities measured at fair value on a recurring basis by hierarchy level presented on a consolidated basis.

|  | As of December 31, 2013 |  |  |  | As of December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  | Financial Services Businesses |  | Closed Block Business |  |
|  | Total at Fair Value | $\begin{gathered} \text { Total } \\ \text { Level 3(1) } \\ \hline \end{gathered}$ | Total at Fair Value | $\begin{gathered} \text { Total } \\ \text { Level 3(1) } \\ \hline \end{gathered}$ | Total at Fair Value | $\begin{gathered} \text { Total } \\ \text { Level 3(1) } \\ \hline \end{gathered}$ | Total at Fair Value | Total Level 3(1) |
|  |  |  |  | (in mi | illions) |  |  |  |
| Fixed maturities, available-for-sale | \$243,654 | \$ 4,079 | \$43,212 | \$ 866 | \$254,917 | \$ 4,261 | \$46,419 | \$1,207 |
| Trading account assets: |  |  |  |  |  |  |  |  |
| Fixed maturities | 23,469 | 511 | 185 | 9 | 20,605 | 565 | 139 | 10 |
| Equity securities | 2,219 | 722 | 157 | 120 | 2,341 | 987 | 136 | 111 |
| All other(2) | 1,250 | 6 | 0 | 0 | 3,697 | 25 | 0 | 0 |
| Subtotal | 26,938 | 1,239 | 342 | 129 | 26,643 | 1,577 | 275 | 121 |

As of December 31, 2013
As of December 31, 2012

|  |  |  |  |  | Financial Services Businesses |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  |  |  | Closed BlockBusiness |  |
|  | Total at Fair Value | Total Level 3(1) | Total at Fair Value | Total Level 3(1) | Total at Fair Value | Total Level 3(1) | Total at Fair Value | Total Level 3(1) |
|  |  |  |  | (in mi | llions) |  |  |  |
| Equity securities, available-for-sale | 6,026 | 298 | 3,884 | 6 | 5,052 | 321 | 3,225 | 9 |
| Commercial mortgage and other loans | 158 | 0 | 0 | 0 | 162 | 48 | 0 | 0 |
| Other long-term investments | 1,595 | 1,396 | (66) | 0 | 1,478 | 1,053 | (95) | 0 |
| Short-term investments | 5,520 | 0 | 1,665 | 0 | 5,130 | 0 | 1,260 | 0 |
| Cash equivalents | 6,362 | 0 | 620 | 0 | 13,063 | 0 | 537 | 0 |
| Other assets | 131 | 4 | 85 | 0 | 98 | 8 | 97 | 0 |
| Subtotal excluding separate account assets | 290,384 | 7,016 | 49,742 | 1,001 | 306,543 | 7,268 | 51,718 | 1,337 |
| Separate account assets | 285,060 | 22,603 | 0 | 0 | 253,254 | 21,132 | 0 | 0 |
| Total assets | \$575,444 | \$29,619 | \$49,742 | \$1,001 | \$559,797 | \$28,400 | \$51,718 | \$1,337 |
| Future policy benefits | \$ 441 | \$ 441 | \$ 0 | \$ 0 | \$ 3,348 | \$ 3,348 | \$ 0 | \$ 0 |
| Other liabilities(2) | 2,201 | 5 | 6 | 0 | 90 | 0 | 0 | 0 |
| Notes of consolidated VIEs | 3,254 | 3,254 | 0 | 0 | 1,406 | 1,406 | 0 | 0 |
| Total liabilities | \$ 5,896 | \$ 3,700 | \$ 6 | \$ 0 | \$ 4,844 | \$ 4,754 | \$ 0 | \$ 0 |

(1) The amount of Level 3 assets taken as a percentage of total assets measured at fair value on a recurring basis totaled 5.1\% as of both December 31, 2013 and 2012, for the Financial Services Businesses, and $2.0 \%$ and $2.6 \%$ as of December 31, 2013 and 2012, respectively, for the Closed Block Business.
(2) "All other" and "Other liabilities" primarily include derivatives. The amounts classified as Level 3 for the Financial Services Businesses exclude the impact of netting.

The determination of fair value, which for certain assets and liabilities is dependent on the application of estimates and assumptions, can have a significant impact on our results of operations and may require the application of a greater degree of judgment depending on market conditions, as the ability to value assets and liabilities can be significantly impacted by a decrease in market activity or a lack of transactions executed in an orderly manner. The following sections provide information regarding certain assets and liabilities of our Financial Services Businesses and our Closed Block Business which are valued using Level 3 inputs and could have a significant impact on our results of operations.

## Fixed Maturity and Equity Securities

Fixed maturity securities included in Level 3 in our fair value hierarchy are generally priced based on internally-developed valuations or indicative broker quotes. For certain private fixed maturity and equity securities, the internally-developed valuation model uses significant unobservable inputs and, accordingly, such securities are included in Level 3 in our fair value hierarchy. Level 3 fixed maturity securities included approximately $\$ 4.3$ billion as of December 31, 2013 and $\$ 4.5$ billion as of December 31, 2012 of public fixed maturities, with values primarily based on indicative broker quotes, and approximately $\$ 1.2$ billion as of December 31, 2013 and $\$ 1.5$ billion as of December 31, 2012 of private fixed maturities, with values primarily based on internally-developed models. Significant unobservable inputs used included: issue specific credit adjustments, material non-public financial information, management judgment, estimation of future earnings and cash flows, default rate assumptions, liquidity assumptions and indicative quotes from market makers. These inputs are usually considered unobservable, as not all market participants will have access to this data.

The impact our determination of fair value for fixed maturity and equity securities has on our results of operations is dependent on our classification of the security as either trading, available-for-sale, or held-to-maturity. For our investments classified as trading, the impact of changes in fair value is recorded within "Asset management fees and other income." For our investments classified as available-for-sale, the impact of changes in fair value is recorded as an unrealized gain or loss in AOCI, a separate component of equity. Our investments classified as held-to-maturity are carried at amortized cost.

## Other Long-Term Investments

Other long-term investments classified in Level 3 primarily include real estate held in consolidated investment funds and fund investments where the fair value option has been elected. The fair value of real estate held in consolidated investment funds is determined through an independent appraisal process. The appraisals generally utilize a discounted cash flow model. The appraisals also include replacement cost estimates and recent sales data as alternate methods of fair value. These appraisals and the related assumptions are updated at least annually. Since many of the assumptions utilized are unobservable and are considered to be significant inputs to the valuation, the real estate investments within other long-term investments are reflected within Level 3. Consolidated real estate investment funds classified as Level 3 totaled approximately $\$ 0.5$ billion as of both December 31, 2013 and 2012, respectively. The fair value of fund investments, where the fair value option has been elected, is primarily determined by the fund managers. Since the valuations may be based on unobservable market inputs and cannot be validated by the Company, these investments are included within Level 3. Investments in these funds included in Level 3 totaled approximately $\$ 0.7$ billion and $\$ 0.5$ billion as of December 31, 2013 and 2012, respectively.

## Separate Account Assets

Separate account assets included in Level 3 primarily include real estate investments for which values are determined as described above under "Other Long-Term Investments." Separate account liabilities are reported at contract value and not fair value.

## Variable Annuity Optional Living Benefit Features

Future policy benefits classified in Level 3 primarily include liabilities related to guarantees associated with the optional living benefit features of certain variable annuity contracts offered by our Individual Annuities segment, including guaranteed minimum accumulation benefits ("GMAB"), guaranteed minimum withdrawal benefits ("GMWB") and guaranteed minimum income and withdrawal benefits ("GMIWB"). These
benefits are accounted for as embedded derivatives and carried at fair value with changes in fair value included in "Realized investment gains (losses), net." The fair values of the GMAB, GMWB and GMIWB liabilities are calculated as the present value of future expected benefit payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature. This methodology could result in either a liability or contra-liability balance, based on changing capital market conditions and various policyholder behavior assumptions. Since there is no observable active market for the transfer of these obligations, the valuations are calculated using internally-developed models with option pricing techniques. These models utilize significant assumptions that are primarily unobservable, including assumptions as to lapse rates, NPR, utilization rates, withdrawal rates, mortality rates and equity market volatility. Future policy benefits classified as Level 3 were net liabilities of $\$ 0.4$ billion and $\$ 3.3$ billion as of December 31, 2013 and 2012, respectively. For additional information see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities."

## Notes of Consolidated VIEs

As discussed in Note 5, notes of consolidated VIEs represent non-recourse notes issued by certain asset-backed investment vehicles, primarily CDOs, which we are required to consolidate. We have elected the fair value option for these notes, which are valued based on broker quotes.

For additional information about the key estimates and assumptions used in our determination of fair value, see Note 20 to the Consolidated Financial Statements.

## Realized Investment Gains and Losses

Realized investment gains and losses are generated from numerous sources, including the following significant items:

- sale of investments
- adjustments to the cost basis of investments for other-than-temporary impairments
- recognition of other-than-temporary impairments in earnings for foreign denominated securities that are approaching maturity and are in an unrealized loss position due to foreign currency exchange rate movements
- prepayment premiums received on private fixed maturity securities
- net changes in the allowance for losses, certain restructurings and foreclosures on commercial mortgage and other loans
- fair value changes on commercial mortgage loans carried at fair value
- fair value changes on embedded derivatives and free-standing derivatives that do not qualify for hedge accounting treatment

The level of other-than-temporary impairments generally reflects economic conditions and is expected to increase when economic conditions worsen and to decrease when economic conditions improve. Historically, the causes of other-than-temporary impairments have been specific to each individual issuer and have not directly resulted in impairments to other securities within the same industry or geographic region. We may also realize additional credit and interest rate related losses through sales of investments pursuant to our credit risk and portfolio management objectives. For additional information regarding our policies regarding other-than-temporary-impairments for fixed maturity and equity securities, see Note 2 to the Consolidated Financial Statements.

We use interest rate and currency swaps and other derivatives to manage interest and currency exchange rate exposures arising from mismatches between assets and liabilities, including duration mismatches. We use derivative contracts to mitigate the risk that unfavorable changes in currency exchange rates will materially affect U.S. dollar equivalent earnings generated by certain of our non-U.S. businesses. We also use equity-based and interest rate derivatives to hedge a portion of the risks embedded in certain variable annuity products with optional living benefit guarantees. Derivative contracts also include forward purchases and sales of to-be-announced mortgage-backed securities primarily related to our dollar roll program. Many of these derivative contracts do not qualify for hedge accounting and, consequently, we recognize the changes in fair value of such contracts from period to period in current earnings, although we do not necessarily account for the related assets or liabilities the same way.

Accordingly, realized investment gains and losses from our derivative activities can contribute significantly to fluctuations in net income. For a further discussion of optional living benefit guarantees and related hedge positions in our Individual Annuities segment, see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities" above.

Adjusted operating income generally excludes "Realized investment gains (losses), net," subject to certain exceptions. These exceptions primarily include realized investment gains or losses within certain of our businesses for which such gains or losses are a principal source of earnings, gains or losses associated with terminating hedges of foreign currency earnings and current period yield adjustments, and related charges and adjustments. Other-than-temporary impairments, interest rate related losses and credit related losses on sales (other than those related to certain of our businesses which primarily originate investments for sale or syndication to unrelated investors) are excluded from adjusted operating income.

The following table sets forth "Realized investment gains (losses), net," by investment type for the Financial Services Businesses and Closed Block Business, as well as related charges and adjustments associated with the Financial Services Businesses, for the periods indicated. For additional details regarding adjusted operating income, which is our measure of performance for the segments of our Financial Services Businesses, see Note 22 to the Consolidated Financial Statements.

|  | Year | nded Decem | r 31, |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | (in millions) |  |
| Realized investment gains (losses), net: |  |  |  |
| Financial Services Businesses . | \$(5,438) | \$(1,684) | \$ 1,986 |
| Closed Block Business | 232 | 243 | 845 |
| Consolidated realized investment gains (losses), net | \$(5,206) | \$(1,441) | \$ 2,831 |
| Financial Services Businesses: |  |  |  |
| Realized investment gains (losses), net: |  |  |  |
| Fixed maturity securities | \$ (213) | \$ (140) | \$ (125) |
| Equity securities | 130 | (54) | (120) |
| Commercial mortgage and other loans | 72 | 92 | 89 |
| Derivative instruments | $(5,488)$ | $(1,552)$ | 2,095 |
| Other | 61 | (30) | 47 |
| Total | \$(5,438) | \$(1,684) | \$ 1,986 |
| Related adjustments | $(4,518)$ | $(1,982)$ | 517 |
| Realized investment gains (losses), net, and related adjustments | $(9,956)$ | $(3,666)$ | 2,503 |
| Related charges | 1,807 | 857 | $(1,656)$ |
| Realized investment gains (losses), net, and related charges and adjustments | \$(8,149) | \$(2,809) | \$ 847 |
| Closed Block Business: |  |  |  |
| Realized investment gains (losses), net: |  |  |  |
| Fixed maturity securities | \$ 120 | \$ 103 | \$ 355 |
| Equity securities | 314 | 78 | 265 |
| Commercial mortgage and other loans | , | 2 | 33 |
| Derivative instruments | (200) | 52 | 199 |
| Other | (9) | 8 | (7) |
| Total | \$ 232 | \$ 243 | \$ 845 |

## 2013 to 2012 Annual Comparison

## Financial Services Businesses

The Financial Services Businesses' net realized investment losses were $\$ 5,438$ million in 2013, compared to net realized investment losses of \$1,684 million in 2012.

Net realized losses on fixed maturity securities were $\$ 213$ million in 2013, compared to net realized losses of $\$ 140$ million in 2012, as set forth in the following table:

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Realized investment gains (losses), net—Fixed Maturity Securities—Financial Services Businesses |  |  |
| Gross realized investment gains: |  |  |
| Gross gains on sales and maturities(1) | \$ 1,172 | \$ 375 |
| Private bond prepayment premiums | 66 | 23 |
| Total gross realized investment gains | 1,238 | 398 |
| Gross realized investment losses: |  |  |
| Net other-than-temporary impairments recognized in earnings(2) | (150) | (263) |
| Gross losses on sales and maturities(1) . . . . . . . . . . . . . . . . . . . | $(1,270)$ | (247) |
| Credit related losses on sales . . . . . . . | (31) | (28) |
| Total gross realized investment losses | $(1,451)$ | (538) |
| Realized investment gains (losses), net—Fixed Maturity Securities | \$ (213) | \$(140) |
| Net gains (losses) on sales and maturities-Fixed Maturity Securities(1) | \$ (98) | \$128 |

(1) Amounts exclude prepayment premiums, other-than-temporary impairments, and credit related losses through sales of investments pursuant to our credit risk objectives.
(2) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.

Net losses on sales and maturities of fixed maturity securities of $\$ 98$ million in 2013 were primarily driven by losses on sales of securities due to changes in interest rates subsequent to the acquisition of securities that were sold, partially offset by gains on sales within our International Insurance segment initiated for purposes of duration management as well as from surrenders of fixed annuities denominated in Australian and U.S. dollars. Net gains on sales and maturities of fixed maturity securities of $\$ 128$ million in 2012 were primarily due to sales within our International Insurance, Retirement and Individual Annuities segments. See below for information regarding the other-than-temporary impairments of fixed maturity securities in 2013 and 2012.

Net realized gains on equity securities were $\$ 130$ million in 2013 and included net gains on sales of equity securities of $\$ 142$ million, primarily within our International insurance segment, partially offset by other-than-temporary impairments of $\$ 12$ million. Net realized losses on equity securities were $\$ 54$ million in 2012, including other-than-temporary impairments of $\$ 104$ million, partially offset by net gains on sales of equity securities of $\$ 50$ million, primarily within our Corporate and Other operations. See below for additional information regarding the other-than-temporary impairments of equity securities in 2013 and 2012.

Net realized gains on commercial mortgage and other loans were $\$ 72$ million and $\$ 92$ million for the years ended in 2013 and 2012, respectively. Both years' gains were primarily related to a net decrease in the loan loss reserves primarily driven by payoffs and quality rating upgrades. For additional information regarding our commercial mortgage and other loan loss reserves, see "-General Account Investments-Commercial Mortgage and Other Loans-Commercial Mortgage and Other Loan Quality" below.

Net realized losses on derivatives were $\$ 5,488$ million in 2013, compared to net realized losses of $\$ 1,552$ million in 2012. The net derivative losses in 2013 primarily reflect net losses of $\$ 4,195$ million on product related embedded derivatives and related hedge positions mainly associated with certain variable annuity contracts as well as net mark-to-market losses of $\$ 987$ million on interest rate derivatives used to manage duration as long-term interest rates increased. Also contributing to the net derivative losses were net losses of $\$ 794$ million on foreign currency derivatives used to hedge portfolio assets in our Japan business primarily due to the weakening of the Japanese yen against the U.S. dollar and other currencies. Partially offsetting these losses were net gains of $\$ 472$ million on foreign currency forward contracts used to hedge the future income of non-U.S. businesses, predominantly in Japan, due to the strengthening of the U.S. dollar against the Japanese yen. The net derivative losses in 2012 primarily reflect net losses of $\$ 1,829$ million on product related embedded derivatives and related hedge positions primarily associated with certain variable annuity contracts. Also contributing to the net derivative losses were net losses of $\$ 254$ million on foreign currency forward contracts used to hedge portfolio assets in our Japan business primarily due to the weakening of the Japanese yen against the U.S. dollar and other currencies. Partially offsetting these losses were net gains of $\$ 121$ million primarily representing fees earned on fee-based synthetic guaranteed investment contracts, which are accounted for as derivatives, and net gains of $\$ 342$ million on foreign currency forward contracts used to hedge the future income of nonU.S. businesses, predominantly in Japan, due to the strengthening of the U.S. dollar against the Japanese yen.

Net realized gains on other investments were $\$ 61$ million in 2013 and included net gains of $\$ 73$ million, primarily within our Corporate and Other segment, partially offset by other-than-temporary impairments of $\$ 12$ million on real estate and joint ventures and partnership investments. Net realized losses on other investments were $\$ 30$ million in 2012, which included other-than-temporary impairments of $\$ 74$ million on real estate, joint ventures and partnership investments, partially offset by a $\$ 41$ million gain related to the sale of a real estate investment.

Related adjustments include the portions of "Realized investment gains (losses), net" that are included in adjusted operating income and the portions of "Asset management fees and other income" and "Net investment income" that are excluded from adjusted operating income. These adjustments are made to arrive at "Realized investment gains (losses), net, and related adjustments" which are excluded from adjusted operating income. Results for 2013 include a net negative related adjustment of $\$ 4,518$ million, compared to a net negative related adjustment of $\$ 1,982$ million for 2012. The adjustments in both years were primarily driven by the impact of foreign currency exchange rate movements on certain non-yen denominated assets and liabilities within our Japanese insurance operations for which the foreign currency exposure is economically matched and offset in AOCI. For additional information, see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division-Impact of foreign currency exchange rate movements on earnings-U.S. GAAP earnings impact of products denominated in non-local currencies" above.

Charges that relate to "Realized investment gains (losses), net, and related adjustments" are also excluded from adjusted operating income, and may be reflected as net charges or net benefits. Results for 2013 include net related benefits of $\$ 1,807$ million, compared to net related benefits of $\$ 857$ million in 2012. The impacts in both years were primarily driven by the portion of amortization of deferred policy acquisition and other costs relating to changes in value of embedded derivatives and related hedge positions associated with certain variable annuity contracts. For additional information, see Note 22 to the Consolidated Financial Statements.

During 2013, we recorded other-than-temporary impairments of $\$ 174$ million in earnings, compared to $\$ 441$ million in 2012. The following tables set forth, for the periods indicated, the composition of other-than-temporary impairments recorded in earnings attributable to the Financial Services Businesses by asset type, and for fixed maturity securities, by reason.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Other-than-temporary impairments recorded in earnings-Financial Services Businesses(1) |  |  |
| Public fixed maturity securities. Private fixed maturity securities | $\$ 111$ 39 | $\$ 219$ 44 |
| Total fixed maturity securities | 150 | 263 |
| Equity securities .... | 12 | 104 |
| Other invested assets(2) | 12 | 74 |
| Total | \$174 | \$441 |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Includes other-than-temporary impairments relating to investments in joint ventures and partnerships and real estate investments.

## Other-than-temporary impairments on fixed maturity securities recorded in earnings-Financial Services

Businesses(1)
Due to credit events or adverse conditions of the respective issuer(2)
Year Ended December 31,
$2013 \quad 2012$

Due to other accounting guidelines(3)
Total

| $\$ 80$ |  |
| :--- | ---: |
| 70 |  |
| $\$ 150$ | $\$ 108$ <br> 155 <br> 2263 |

(1) Excludes the portion of other-than-temporary impairment recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Represents circumstances where we believe credit events or other adverse conditions of the respective issuers have caused, or will lead to, a deficiency in the contractual cash flows related to the investment. The amount of the impairment recorded in earnings is the difference between the amortized cost of the debt security and the net present value of its projected future cash flows discounted at the effective interest rate implicit in the debt security prior to impairment.
(3) Primarily represents circumstances where securities with losses from foreign currency exchange rate movements approach maturity.

Fixed maturity other-than-temporary impairments in 2013 were concentrated in asset-backed securities collateralized by sub-prime mortgages, and in the utility, communications, and consumer non-cyclical sectors within corporate securities. These other-than-temporary impairments were primarily related to intent to sell securities or related to securities with liquidity concerns, downgrades in credit, bankruptcy or other adverse financial conditions of the respective issuers. Fixed maturity security other-than-temporary impairments in 2012 were concentrated in the consumer non-cyclical, technology, and utility sectors within corporate securities and, to a lesser extent, within asset-backed securities collateralized by sub-prime mortgages. These other-than-temporary impairments were primarily related to securities with unrealized losses from foreign currency exchange rate movements that are approaching maturity or related to securities with liquidity concerns, downgrades in credit, bankruptcy or other adverse financial conditions of the respective issuers.

Equity security other-than-temporary impairments in 2013 were primarily driven by circumstances where the decline in value was maintained for one year or greater or due to the extent and duration of declines in values. Equity security other-than-temporary impairments in 2012 were primarily driven by circumstances where the decline in value was maintained for one year or greater or where we intended to sell the security.

## Closed Block Business

For the Closed Block Business, net realized investment gains were $\$ 232$ million in 2013, compared to net realized investment gains of \$243 million in 2012.

Net realized gains on fixed maturity securities were $\$ 120$ million in 2013, compared to net realized gains of $\$ 103$ million in 2012, as set forth in the following table:

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Realized investment gains (losses), net—Fixed Maturity Securities-Closed Block Business |  |  |
| Gross realized investment gains: |  |  |
| Gross gains on sales and maturities(1) | \$ 300 | \$ 243 |
| Private bond prepayment premiums | 33 | 18 |
| Total gross realized investment gains | 333 | 261 |
| Gross realized investment losses: |  |  |
| Net other-than-temporary impairments recognized in earnings(2) | (49) | (74) |
| Gross losses on sales and maturities(1) | (149) | (56) |
| Credit related losses on sales | (15) | (28) |
| Total gross realized investment losses | (213) | (158) |
| Realized investment gains (losses), net—Fixed Maturity Securities | \$ 120 | \$ 103 |
| Net gains (losses) on sales and maturities-Fixed Maturity Securities(1) | \$ 151 | \$ 187 |

(1) Amounts exclude prepayment premiums, other-than-temporary impairments, and credit related losses through sales of investments pursuant to our credit risk objectives.
(2) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.

Net realized gains on equity securities were $\$ 314$ million in 2013 and included net gains on sales of equity securities of $\$ 317$ million, partially offset by other-than-temporary impairments of $\$ 3$ million. Net realized gains on equity securities were $\$ 78$ million in 2012 and included net gains on sales of equity securities of $\$ 99$ million, partially offset by other-than-temporary impairments of $\$ 21$ million. See below for additional information regarding the other-than-temporary impairments of equity securities in 2013 and 2012.

Net realized gains on commercial mortgage and other loans were $\$ 7$ million and $\$ 2$ million for the years ended 2013 and 2012, respectively. Both years primarily related to a net decrease in the loan loss reserve. For additional information regarding our loan loss reserves, see "-General Account Investments-Commercial Mortgage and Other Loans-Commercial Mortgage and Other Loan Quality" below.

Net realized losses on derivatives were $\$ 200$ million in 2013, compared to net realized gains of $\$ 52$ million in 2012. Derivative losses in 2013 primarily reflect net losses of $\$ 106$ million on interest rate derivatives primarily used to manage duration as long term interest rates increased as well as losses of $\$ 74$ million on currency derivatives used to hedge foreign denominated investments as the U.S. dollar weakened against the euro. Derivative gains in 2012 primarily reflect net gains of $\$ 80$ million on interest rate derivatives primarily used to manage duration and net gains of $\$ 26$ million on "to be announced" ("TBA") forward contracts as interest rates declined, partially offset by net losses of $\$ 16$ million on credit default swaps as credit spreads tightened and net losses of $\$ 42$ million on currency derivatives used to hedge foreign denominated investments as the U.S. dollar weakened against the euro and other currencies.

During 2013, we recorded other-than-temporary impairments of $\$ 62$ million in earnings, compared to other-than-temporary impairments of $\$ 99$ million recorded in earnings in 2012. The following tables set forth, for the periods indicated, the composition of other-than-temporary impairments recorded in earnings attributable to the Closed Block Business by asset type, and for fixed maturity securities, by reason.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Other-than-temporary impairments recorded in earnings-Closed Block Business(1) |  |  |
| Public fixed maturity securities | \$28 | \$56 |
| Private fixed maturity securities | 21 | 18 |
| Total fixed maturity securities | 49 | 74 |
| Equity securities | 3 | 21 |
| Other invested assets(2) | 10 | 4 |
| Total | \$62 | \$99 |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Includes other-than-temporary impairments relating to investments in joint ventures and partnerships.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Other-than-temporary impairments on fixed maturity securities recorded in earnings-Closed Block Business(1) |  |  |
| Due to credit events or adverse conditions of the respective issuer(2) Due to other accounting guidelines . . . . . . . . . . . . . . . . . . | \$44 | \$72 |
| Total | $\overline{\$ 49}$ | \$74 |

(1) Excludes the portion of other-than-temporary impairment recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Represents circumstances where we believe credit events or other adverse conditions of the respective issuers have caused, or will lead to, a deficiency in the contractual cash flows related to the investment. The amount of the impairment recorded in earnings is the difference between the amortized cost of the debt security and the net present value of its projected future cash flows discounted at the effective interest rate implicit in the debt security prior to impairment.

Fixed maturity other-than-temporary impairments in 2013 were concentrated in asset-backed securities collateralized by sub-prime mortgages and in the utility and consumer non-cyclical sectors within corporate securities. Fixed maturity security other-than-temporary impairments in 2012 were concentrated in asset-backed securities collateralized by sub-prime mortgages and the utility and capital goods sectors within corporate securities and reflect adverse financial conditions of the respective issuers.

Equity security other-than-temporary impairments in 2013 and 2012 were primarily due to circumstances where the decline in value was maintained for one year or greater.

## 2012 to 2011 Annual Comparison

## Financial Services Businesses

The Financial Services Businesses' net realized investment losses were $\$ 1,684$ million in 2012, compared to net realized investment gains of $\$ 1,986$ million in 2011.

Net realized losses on fixed maturity securities were $\$ 140$ million in 2012, compared to net realized losses of $\$ 125$ million in 2011, as set forth in the following table:

(1) Amounts exclude prepayment premiums, other-than-temporary impairments, and credit related losses through sales of investments pursuant to our credit risk objectives.
(2) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.

Net gains on sales and maturities of fixed maturity securities of $\$ 128$ million in 2012 were primarily within our International Insurance, Retirement and Individual Annuities segments. Net gains on sales and maturities of fixed maturity securities of $\$ 277$ million in 2011 were primarily within our Retirement and Individual Annuities segments. These gains also included $\$ 35$ million of gross gains related to the sale of asset-backed securities collateralized by sub-prime mortgages. Sales of fixed maturity securities in our Individual Annuities segment in both years were primarily due to transfers of investments out of our general account and into separate accounts relating to an automatic rebalancing element embedded in the living benefit features of some of our variable annuity products. See below for additional information regarding the other-than-temporary impairments of fixed maturity securities in 2012 and 2011.

Net realized losses on equity securities were $\$ 54$ million in 2012, including other-than-temporary impairments of $\$ 104$ million, partially offset by net gains on sales of equity securities of $\$ 50$ million, primarily within our Corporate and Other operations. Net realized losses on equity securities were $\$ 120$ million in 2011, including other-than-temporary impairments of $\$ 94$ million and net losses on sales of equity securities of $\$ 26$ million. Net losses in 2011 were primarily within our International Insurance operations. See below for additional information regarding the other-than-temporary impairments of equity securities in 2012 and 2011.

Net realized gains on commercial mortgage and other loans in 2012 were $\$ 92$ million, primarily related to a net decrease in the loan loss reserves driven by payoffs and quality rating upgrades. Net realized gains on commercial mortgage and other loans in 2011 were $\$ 89$ million, primarily related to $\$ 32$ million of mark-to-market gains on our interim loan portfolio, a net decrease of $\$ 30$ million in the loan loss reserves driven by quality rating upgrades, and $\$ 27$ million of gains within our Asset Management business.

Net realized losses on derivatives were $\$ 1,552$ million in 2012, compared to net realized gains of $\$ 2,095$ million in 2011. The net derivative losses in 2012 primarily reflect net losses of $\$ 1,829$ million on product related embedded derivatives and related hedge positions primarily associated with certain variable annuity contracts. Also contributing to the net derivative losses were net losses of $\$ 254$ million on foreign currency forward contracts used to hedge portfolio assets in our Japan business primarily due to the weakening of the Japanese yen against the U.S. dollar, Australian dollar, euro, and British pound. Partially offsetting these loses were net gains of $\$ 121$ million primarily representing risk fees earned on synthetic guaranteed investment contracts in our Retirement businesses which are accounted for as derivatives under U.S. GAAP, and net gains of $\$ 342$ million on foreign currency forward contracts used to hedge the future income of non-U.S. businesses, primarily in Japan, due to the strengthening of the U.S. dollar against the Japanese yen. The net derivative gains in 2011 primarily reflect net gains of $\$ 1,375$ million on embedded derivatives and related hedge positions associated with certain variable annuity contracts. Also contributing to the net derivative gains were mark-to-market gains of $\$ 498$ million on interest rate derivatives used to manage duration as interest rates declined, and net gains of $\$ 214$ million on foreign currency forward contracts used in our Japan business to hedge portfolio assets primarily due to the strengthening of the Japanese yen against the U.S. dollar and Australian dollar. See "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities" for additional information regarding the product related embedded derivatives and related hedge positions associated with certain variable annuity contracts.

Net realized losses on other investments were $\$ 30$ million in 2012 and included other-than-temporary impairments of $\$ 74$ million on real estate and joint ventures and partnership investments, partially offset by a $\$ 41$ million gain related to the sale of a real estate investment. Net realized gains on other investments were $\$ 47$ million in 2011 and primarily included a $\$ 64$ million gain on the partial sale of a real estate seed investment, partially offset by $\$ 33$ million of other-than-temporary impairments on real estate, joint ventures and partnership investments.

Related adjustments include the portions of "Realized investment gains (losses), net" that are included in adjusted operating income and the portions of "Asset management fees and other income" and "Net investment income" that are excluded from adjusted operating income. These adjustments are made to arrive at "Realized investment gains (losses), net, and related adjustments" which are excluded from adjusted operating income. Results for 2012 include a net negative related adjustment of $\$ 1,982$ million, compared to a net positive related adjustment of $\$ 517$ million for 2011. The adjustments in both years were primarily driven by the impact of foreign currency exchange rate movements on certain non-yen denominated assets and liabilities within our Japanese insurance operations for which the foreign currency exposure is economically matched and offset in AOCI. For additional information, see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division-Impact of foreign currency exchange rate movements on earnings-U.S. GAAP earnings impact of products denominated in non-local currencies" above.

Charges that relate to "Realized investment gains (losses), net, and related adjustments" are also excluded from adjusted operating income, and may be reflected as net charges or net benefits. Results for 2012 include net related benefits of $\$ 857$ million, compared to net related charges of $\$ 1,656$ million in 2011. The impacts in both years were primarily driven by the portion of amortization of deferred policy acquisition and other costs relating to changes in value of embedded derivatives and related hedge positions associated with certain variable annuity contracts. For additional information, see Note 22 to the Consolidated Financial Statements.

During 2012 we recorded other-than-temporary impairments of $\$ 441$ million in earnings, compared to total other-than-temporary impairments of $\$ 558$ million recorded in earnings in 2011. The following tables set forth, for the periods indicated, the composition of other-than-temporary impairments recorded in earnings attributable to the Financial Services Businesses by asset type, and for fixed maturity securities, by reason.

| Year Ended December 31, |  |
| :---: | :---: |
| $\mathbf{2 0 1 2}$ |  |
| (in millions) |  |
| $\$ 2019$ | $\$ 314$ |
| $\frac{44}{263}$ | $\underline{117}$ |
| 104 | 931 |
| 74 | $\underline{33}$ |
| $\underline{\$ 441}$ | $\underline{\$ 558}$ |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Includes other-than-temporary impairments relating to investments in joint ventures and partnerships and real estate investments.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2012 | 2011 |
|  | (in millions) |  |
| Other-than-temporary impairments on fixed maturity securities recorded in earnings-Financial Services Businesses(1) |  |  |
| Due to credit events or adverse conditions of the respective issuer(2) | \$108 | \$223 |
| Due to other accounting guidelines(3) | 155 | 208 |
| Total | \$263 | \$431 |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Represents circumstances where we believe credit events or other adverse conditions of the respective issuers have caused, or will lead to, a deficiency in the contractual cash flows related to the investment. The amount of the impairment recorded in earnings is the difference between the amortized cost of the debt security and the net present value of its projected future cash flows discounted at the effective interest rate implicit in the debt security prior to impairment.
(3) Primarily represents circumstances where securities with losses from foreign currency exchange rate movements approach maturity or where we intend to sell the security or more likely than not will be required to sell the security before recovery of its amortized cost basis.

During 2012, we recorded other-than-temporary impairments in earnings related to securities with unrealized losses from foreign currency exchange rate movements that are approaching maturity. Fixed maturity other-than-temporary impairments in 2012 were concentrated in the consumer non-cyclical, technology, and utility sectors of our corporate securities and, to a lesser extent, within assetbacked securities collateralized by sub-prime mortgages. These other-than-temporary impairments were primarily related to securities with unrealized losses from foreign currency exchange rate movements that are approaching maturity or related to securities with liquidity concerns, downgrades in credit, bankruptcy or other adverse financial conditions of the respective issuers. Fixed maturity other-thantemporary impairments in 2011 were concentrated in the utility, finance, and consumer non-cyclical sectors of our corporate securities as well as asset-backed securities collateralized by sub-prime mortgages. Additionally, other-than-temporary impairments were driven by Japanese commercial mortgage-backed securities that reflect adverse financial conditions of the respective issuers, and foreign currency translation losses related to foreign denominated securities that are approaching maturity.

Equity security other-than-temporary impairments in 2012 and 2011 were primarily in our Japanese insurance operations where the securities' decline in value has been was maintained for one year or greater or where we intended to sell the security.

Other invested assets other-than-temporary-impairments in 2012 and 2011 were mainly driven by a decline in value on certain real estate, joint ventures and partnership investments.

## Closed Block Business

For the Closed Block Business, net realized investment gains were $\$ 243$ million in 2012, compared to net realized investment gains of $\$ 845$ million in 2011.

Net realized gains on fixed maturity securities were $\$ 103$ million in 2012, compared to net realized gains of $\$ 355$ million in 2011, as set forth in the following table:

| $\frac{\text { Year Ended December 31, }}{2012}$ |  |
| :---: | :---: |
| (in millions) |  |
| $\$ 243$ $\$ 516$ <br> 18 21 <br> 261 537 |  |


| Realized investment gains (losses), net—Fixed Maturity Securities-Closed Block Business <br> Gross realized investment gains: |  |  |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
| Gross gains on sales and maturities(1) | \$ 243 | \$ 516 |
| Private bond prepayment premiums | 18 | 21 |
| Total gross realized investment gains | 261 | 537 |
| Gross realized investment losses: |  |  |
| Net other-than-temporary impairments recognized in earnings(2) | (74) | (104) |
| Gross losses on sales and maturities(1) | (56) | (75) |
| Credit related losses on sales | (28) | (3) |
| Total gross realized investment losses | (158) | (182) |
| Realized investment gains (losses), net-Fixed Maturity Securities | \$ 103 | \$ 355 |
| Net gains (losses) on sales and maturities-Fixed Maturity Securities(1) | \$ 187 | \$441 |

(1) Amounts exclude prepayment premiums, other-than-temporary impairments, and credit related losses through sales of investments pursuant to our credit risk objectives.
(2) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.

Net realized gains on equity securities were $\$ 78$ million in 2012 and included net gains on sales of equity securities of $\$ 99$ million, partially offset by other-than-temporary impairments of $\$ 21$ million. Net realized gains on equity securities were $\$ 265$ million in 2011 and included net gains on sales of equity securities of $\$ 283$ million, partially offset by other-than-temporary impairments of $\$ 18$ million. See below for additional information regarding the other-than-temporary impairments of equity securities in 2012 and 2011.

Net realized gains on commercial mortgage and other loans in 2012 were $\$ 2$ million related to a net decrease in the loan loss reserve. Net realized gains on commercial mortgage and other loans in 2011 were $\$ 33$ million, primarily related to a net decrease in the loan loss reserve of $\$ 42$ million, partially offset by net realized losses on related foreclosures.

Net realized gains on derivatives were $\$ 52$ million in 2012, compared to net realized gains of $\$ 199$ million in 2011. Derivative gains in 2012 primarily reflect net gains of $\$ 80$ million on interest rate derivatives primarily used to manage duration and net gains of $\$ 26$ million on "to be announced" ("TBA") forward contracts as interest rates declined, partially offset by net losses of $\$ 16$ million on credit default swaps as credit spreads tightened and net losses of $\$ 42$ million on currency derivatives used to hedge foreign denominated investments as the U.S. dollar weakened against the euro and other currencies. Derivative gains in 2011 primarily reflect net gains of $\$ 135$ million on interest rate derivatives used to manage duration, and $\$ 53$ million on TBA forward contracts as interest rates declined. Also contributing to these gains are net derivative gains of $\$ 23$ million on currency derivatives used to hedge foreign denominated investments as the U.S. dollar strengthened against the euro. Partially offsetting these gains were net derivative losses of $\$ 11$ million on embedded derivatives associated with certain externally-managed investments in the European market.

During 2012, we recorded other-than-temporary impairments of $\$ 99$ million in earnings, compared to $\$ 127$ million in 2011. The following tables set forth, for the periods indicated, the composition of other-than-temporary impairments recorded in earnings attributable to the Closed Block Business by asset type, and for fixed maturity securities, by reason.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2012 | 2011 |
|  | (in millions) |  |
| Other-than-temporary impairments recorded in earnings-Closed Block Business(1) |  |  |
| Public fixed maturity securities | \$56 | \$ 90 |
| Private fixed maturity securities | 18 | 14 |
| Total fixed maturity securities | 74 | 104 |
| Equity securities | 21 | 18 |
| Other invested assets(2) | 4 | 5 |
| Total | \$99 | \$127 |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Includes other-than-temporary impairments relating to investments in joint ventures and partnerships.

|  |  |  |
| :---: | :---: | :---: |
| Other-than-temporary impairments on fixed maturity securities recorded in earnings-Closed Block Business(1) |  |  |
| Due to credit events or adverse conditions of the respective issuer(2) | \$72 | \$ 97 |
| Due to other accounting guidelines | 2 | 7 |
| Total | \$74 | \$104 |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.
(2) Represents circumstances where we believe credit events or other adverse conditions of the respective issuers have caused, or will lead to, a deficiency in the contractual cash flows related to the investment. The amount of the impairment recorded in earnings is the difference between the amortized cost of the debt security and the net present value of its projected future cash flows discounted at the effective interest rate implicit in the debt security prior to impairment.

Fixed maturity other-than-temporary impairments of in 2012 were concentrated in asset-backed securities collateralized by sub-prime mortgages, and in the utility and capital goods sectors within corporate securities. Other-than-temporary impairments in 2011 were concentrated in asset-backed securities collateralized by sub-prime mortgages, and the utility and consumer cyclical sectors within corporate securities and reflect adverse financial conditions of the respective issuers.

Equity security other-than-temporary impairments in 2012 and 2011 were primarily due to circumstances where the decline in value was maintained for one year or greater.

## General Account Investments

We maintain diversified investment portfolios in our general account to support our liabilities to customers in our Financial Services Businesses and the Closed Block Business, as well as our other general liabilities. Our general account does not include: (1) assets of our derivative operations; (2) assets of our asset management operations, including assets managed for third parties; and (3) those assets classified as "Separate account assets" on our balance sheet.

The general account portfolios are managed pursuant to the distinct objectives and investment policy statements of the Financial Services Businesses and the Closed Block Business. The primary investment objectives of the Financial Services Businesses include:

- hedging the market risk characteristics of the major product liabilities and other obligations of the Company;
- optimizing investment income yield within risk constraints over time; and
- for certain portfolios, optimizing total return, including both investment income yield and capital appreciation, within risk constraints over time, while managing the market risk exposures associated with the corresponding product liabilities.

We pursue our objective to optimize investment income yield for the Financial Services Businesses over time through: (1) the investment of net operating cash flow, including new product premium inflows, and proceeds from investment sales, repayments and prepayments, into investments with attractive risk-adjusted yields, and (2) where appropriate, the sale of lower yielding investments, either to meet various cash flow needs or to manage the portfolio's risk exposure profile with respect to duration, credit, currency and other risk factors, while considering the impact on taxes and capital.

The primary investment objectives of the Closed Block Business include:

- providing for the reasonable dividend expectations of the participating policyholders within the Closed Block Business and the Class B shareholders; and
- optimizing total return, including both investment income yield and capital appreciation, within risk constraints, while managing the market risk exposures associated with the major products in the Closed Block Business.
Our portfolio management approach, while emphasizing our investment income yield and asset/liability risk management objectives, also takes into account the capital and tax implications of portfolio activity, our assertions regarding our ability and intent to hold equity securities to recovery, and our lack of any intention or requirement to sell debt securities before anticipated recovery. For a further discussion of our policies regarding other-than-temporary impairments, including our assertions regarding our ability and intent to hold equity securities to recovery and any intention or requirement to sell debt securities before anticipated recovery, see "-Fixed Maturity Securities-Other-than-Temporary Impairments of Fixed Maturity Securities" and "-Equity Securities-Other-than-Temporary Impairments of Equity Securities," below.


## Management of Investments

The Investment Committee of our Board of Directors oversees our proprietary investments, including our general account portfolios. It also regularly reviews performance and risk positions. Our Chief Investment Officer Organization ("CIO Organization") works with our Risk Management group to develop the investment policies for the general account portfolios of our domestic and international insurance subsidiaries, and directs and oversees management of the general account portfolios within risk limits and exposure ranges approved annually by the Investment Committee.

The CIO Organization, including related functions within our insurance subsidiaries, works closely with product actuaries and Risk Management to understand the characteristics of our products and their associated market risk exposures. This information is incorporated into the development of target asset portfolios that hedge market risk exposures associated with the liability characteristics and establish investment risk exposures, within tolerances prescribed by Prudential's investment risk limits, on which we expect to earn an attractive risk-adjusted return. We develop asset strategies for specific classes of product liabilities and attributed or accumulated surplus, each with distinct risk characteristics. Market risk exposures associated with the liabilities include interest rate risk which is addressed through the duration characteristics of the target asset mix, and currency risk which is addressed by the currency profile of the target asset mix. In certain of our smaller markets, outside of the U.S. and Japan, capital markets limitations hinder our ability to hedge interest rate exposure to the same extent we do for our U.S. and Japan businesses and lead us to accept a higher degree of interest rate risk in these smaller portfolios. General account portfolios typically include allocations to credit and other investment risks as a means to enhance investment yields and returns over time.

Most of our products can be categorized into the following three classes:

- interest-crediting products for which the rates credited to customers are periodically adjusted to reflect market and competitive forces and actual investment experience, such as fixed annuities and universal life insurance;
- participating individual and experience-rated group products in which customers participate in actual investment and business results through annual dividends, interest or return of premium; and
- products with fixed or guaranteed terms, such as traditional whole life and endowment products, guaranteed investment contracts, funding agreements and payout annuities.
Our total investment portfolio is composed of a number of operating portfolios. Each operating portfolio backs a specific set of liabilities and the portfolios have a target asset mix that supports the liability characteristics, including duration, cash flow, liquidity needs and other criteria. As of December 31, 2013, the average duration of our general account investment portfolios attributable to the domestic Financial Services Businesses, including the impact of derivatives, is between 6 and 7 years. As of December 31, 2013, the average duration of our general account portfolios attributable to our Japanese insurance operations, including the impact of derivatives, is approximately 10 years, and represents a blend of yen-denominated and U.S. and Australian dollar-denominated investments, which have distinct average durations. Our asset/liability management process has enabled us to successfully manage our portfolios through several market cycles.

We implement our portfolio strategies primarily through investment in a broad range of fixed income assets, including government and agency securities, public and private corporate bonds and structured securities, and commercial mortgage loans. In addition, we hold small allocations of non-coupon assets, which include equity securities and other long-term investments such as joint ventures and limited partnerships, real estate held through direct ownership, and seed money investments in separate accounts.

We manage our public fixed maturity portfolio to a risk profile directed or overseen by the CIO Organization and Risk Management groups and to a profile that also reflects the local market environments impacting both our domestic and international insurance portfolios. The return that we earn on the portfolio will be reflected both as investment income and also as realized gains or losses on investments.

We use privately-placed corporate debt securities and commercial mortgage loans, which consist of well-underwritten mortgages on diversified properties in terms of geography, property type and borrowers, to enhance the yield on our portfolio and to improve the overall diversification of the portfolios. Private placements typically offer enhanced yields due to an illiquidity premium and generally offer enhanced credit protection in the form of covenants. Our origination capability offers the opportunity to lead transactions and gives us the opportunity for better terms, including covenants and call protection, and to take advantage of innovative deal structures.

Derivative strategies are employed in the context of our risk management framework to enhance our ability to manage interest rate and currency risk exposures of the asset portfolio relative to the liabilities and to manage credit and equity positions in the investment portfolios. For a discussion of our risk management process, see "Quantitative and Qualitative Disclosures About Market Risk" below.

Our portfolio asset allocation reflects our emphasis on diversification across asset classes, sectors, and issuers. The CIO Organization, directly and through related functions within the insurance subsidiaries, implements portfolio strategies primarily through various asset management units within Prudential's Asset Management segment. Activities of the Asset Management segment on behalf of the general account portfolios are directed and overseen by the CIO Organization and monitored by Risk Management for compliance with investment risk limits.

## Portfolio Composition

Our investment portfolio consists of public and private fixed maturity securities, commercial mortgage and other loans, policy loans, and non-coupon assets as defined above. The composition of our general account reflects, within the discipline provided by our risk management approach, our need for competitive results and the selection of diverse investment alternatives available primarily through our Asset Management segment. The size of our portfolio enables us to invest in asset classes that may be unavailable to the typical investor.

On January 2, 2013, we completed the acquisition of the Hartford Life Business. Our Financial Services Businesses' general account portfolio, as of December 31, 2013, includes $\$ 7.9$ billion of invested assets at carrying value from this acquisition, which consists of $\$ 7.1$ billion of fixed maturity securities, $\$ 0.6$ billion of commercial mortgage and other loans, and $\$ 0.2$ billion of other invested assets. For additional details regarding this transaction, see "-Executive Summary" above.

The following tables set forth the composition of the investments of our general account apportioned between the Financial Services Businesses and the Closed Block Business as of the dates indicated.

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed Block Business | Total | \% of Total |
|  | (\$ in millions) |  |  |  |
| Fixed maturities: |  |  |  |  |
| Public, available-for-sale, at fair value | \$212,689 | \$27,401 | \$240,090 | 61.3\% |
| Public, held-to-maturity, at amortized cost | 2,500 | 0 | 2,500 | 0.7 |
| Private, available-for-sale, at fair value | 30,650 | 15,811 | 46,461 | 11.9 |
| Private, held-to-maturity, at amortized cost | 812 | 0 | 812 | 0.2 |
| Trading account assets supporting insurance liabilities, at fair value | 20,827 | 0 | 20,827 | 5.3 |
| Other trading account assets, at fair value | 1,341 | 342 | 1,683 | 0.4 |
| Equity securities, available-for-sale, at fair value | 6,019 | 3,884 | 9,903 | 2.5 |
| Commercial mortgage and other loans, at book value | 31,133 | 9,673 | 40,806 | 10.4 |
| Policy loans, at outstanding balance . . . . . . . . . . . . | 6,753 | 5,013 | 11,766 | 3.0 |
| Other long-term investments(1) . . . | 7,172 | 2,024 | 9,196 | 2.4 |
| Short-term investments | 5,445 | 1,866 | 7,311 | 1.9 |
| Total general account investments | 325,341 | 66,014 | 391,355 | 100.0\% |
| Invested assets of other entities and operations(2) | 6,818 | 0 | 6,818 |  |
| Total investments | \$332,159 | \$66,014 | \$398,173 |  |
|  | December 31, 2012 |  |  |  |
|  | Financial Services Businesses | Closed Block Business | Total | \% of Total |
|  | (\$ in millions) |  |  |  |
| Fixed maturities: |  |  |  |  |
| Public, available-for-sale, at fair value | \$225,306 | \$28,790 | \$254,096 | 63.7\% |
| Public, held-to-maturity, at amortized cost | 3,116 | 0 | 3,116 | 0.8 |
| Private, available-for-sale, at fair value . | 29,246 | 17,629 | 46,875 | 11.7 |
| Private, held-to-maturity, at amortized cost | 1,152 | 0 | 1,152 | 0.3 |
| Trading account assets supporting insurance liabilities, at fair value | 20,590 | 0 | 20,590 | 5.2 |
| Other trading account assets, at fair value . . . . . . . . . . . . . . . . . . . | 1,426 | 275 | 1,701 | 0.4 |
| Equity securities, available-for-sale, at fair value | 5,031 | 3,225 | 8,256 | 2.1 |
| Commercial mortgage and other loans, at book value | 26,623 | 9,608 | 36,231 | 9.1 |
| Policy loans, at outstanding balance | 6,455 | 5,120 | 11,575 | 2.9 |
| Other long-term investments(1) . . . | 6,665 | 2,012 | 8,677 | 2.2 |
| Short-term investments . . . . . | 5,124 | 1,261 | 6,385 | 1.6 |
| Total general account investments | 330,734 | 67,920 | 398,654 | 100.0\% |
| Invested assets of other entities and operations(2) | 6,928 | 0 | 6,928 |  |
| Total investments | \$337,662 | \$67,920 | \$405,582 |  |

(1) Other long-term investments consist of real estate and non-real estate-related investments in joint ventures and partnerships, investment real estate held through direct ownership and other miscellaneous investments. For additional information regarding these investments, see "-Other Long-Term Investments" below.
(2) Includes invested assets of our asset management and derivative operations. Excludes assets of our asset management operations managed for third parties and those assets classified as "Separate account assets" on our balance sheet. For additional information regarding these investments, see "-Invested Assets of Other Entities and Operations" below.

The decrease in general account investments attributable to the Financial Services Businesses in 2013 was primarily due to the translation impact of the yen weakening against the U.S. dollar, as well as a net decrease in fair value driven by an increase in U.S. interest rates, partially offset by assets acquired as part of the Hartford transaction as discussed above as well as portfolio growth driven by the reinvestment of net investment income. The general account investments attributable to the Closed Block Business also decreased in 2013, primarily due to net operating outflows and a net decrease in fair value driven by an increase in interest rates, partially offset by the reinvestment of net investment income. For information regarding the methodology used in determining the fair value of our fixed maturities, see Note 20 to the Consolidated Financial Statements.

We have substantial insurance operations in Japan, with $43 \%$ and $46 \%$ of our Financial Services Businesses' general account investments relating to our Japanese insurance operations as of December 31, 2013 and December 31, 2012, respectively.

The following table sets forth the composition of the investments of our Japanese insurance operations' general account as of the dates indicated.

|  | December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Fixed maturities: |  |  |
| Public, available-for-sale, at fair value | \$112,501 | \$124,710 |
| Public, held-to-maturity, at amortized cost | 2,500 | 3,116 |
| Private, available-for-sale, at fair value | 6,762 | 6,252 |
| Private, held-to-maturity, at amortized cost | 812 | 1,152 |
| Trading account assets supporting insurance liabilities, at fair value | 1,925 | 1,838 |
| Other trading account assets, at fair value | 884 | 1,195 |
| Equity securities, available-for-sale, at fair value | 2,557 | 2,126 |
| Commercial mortgage and other loans, at book value | 6,581 | 6,156 |
| Policy loans, at outstanding balance | 2,280 | 2,665 |
| Other long-term investments(1) | 1,576 | 2,215 |
| Short-term investments | 541 | 318 |
| Total Japanese general account investments | \$138,919 | \$151,743 |

(1) Other long-term investments consist of real estate and non-real estate-related investments in joint ventures and partnerships, investment real estate held through direct ownership, derivatives, and other miscellaneous investments.

The decrease in general account investments related to our Japanese insurance operations in 2013 was primarily attributable to the translation impact of the yen weakening against the U.S. dollar, partially offset by portfolio growth as a result of business inflows and the reinvestment of net investment income, as well as a net increase in fair value driven by declining interest rates on yen-denominated investments.

The functional currency of our Japanese insurance subsidiaries is the yen and, although the majority of the Japanese general account is invested in yen-denominated investments, our Japanese insurance operations also hold significant investments denominated in U.S. and Australian dollars.

As of December 31, 2013, our Japanese insurance operations had $\$ 42.6$ billion, at fair value, of investments denominated in U.S. dollars, including $\$ 3.5$ billion that were hedged to yen through third party derivative contracts and $\$ 29.9$ billion that support liabilities denominated in U.S. dollars. As of December 31, 2012, our Japanese insurance operations had $\$ 44.9$ billion, at fair value, of investments denominated in U.S. dollars, including $\$ 4.4$ billion that were hedged to yen through third party derivative contracts and $\$ 31.6$ billion that support liabilities denominated in U.S. dollars. The $\$ 2.3$ billion decrease in the fair value of U.S. dollar-denominated investments from December 31, 2012, is primarily attributable to an increase in interest rates, partially offset by portfolio growth as a result of business inflows.

Our Japanese insurance operations had $\$ 8.5$ billion and $\$ 8.6$ billion, at fair value, of investments denominated in Australian dollars that support liabilities denominated in Australian dollars as of December 31, 2013 and December 31, 2012, respectively. The $\$ 0.1$ billion decrease in the fair value of Australian dollar-denominated investments from December 31, 2012, is primarily driven by increased interest rates and declining growth in the portfolio.

For additional information regarding U.S. and Australian dollar investments held in our Japanese insurance operations, see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division" above.

## Investment Results

The following tables set forth the income yield and investment income for each major investment category of our general account for the periods indicated. The yields are based on net investment income as reported under U.S. GAAP and as such do not include certain interest related items, such as settlements of duration management swaps which are included in realized gains and losses.

|  | Year Ended December 31, 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  | Combined |  |
|  | Yield(1) | Amount | Yield(1) | Amount | Yield(1) | Amount |
|  | (\$ in millions) |  |  |  |  |  |
| Fixed maturities | 3.79\% | \$ 8,575 | 5.30\% | \$2,002 | 4.01\% | \$10,577 |
| Trading account assets supporting insurance liabilities | 3.79 | 775 | 0.00 | 0 | 3.79 | 775 |
| Equity securities | 6.19 | 256 | 3.40 | 82 | 5.16 | 338 |
| Commercial mortgage and other loans | 5.04 | 1,403 | 5.85 | 552 | 5.24 | 1,955 |
| Policy loans | 4.82 | 316 | 6.01 | 295 | 5.33 | 611 |
| Short-term investments and cash equivalents | 0.22 | 30 | 0.95 | 7 | 0.25 | 37 |
| Other investments | 7.04 | 553 | 10.22 | 228 | 7.75 | 781 |
| Gross investment income before investment expenses | 3.89 | 11,908 | 5.52 | 3,166 | 4.15 | 15,074 |
| Investment expenses | (0.12) | (308) | (0.26) | (150) | (0.14) | (458) |
| Investment income after investment expenses . | 3.77\% | 11,600 | 5.26\% | 3,016 | 4.01\% | 14,616 |
| Investment results of other entities and operations(2) |  | 113 |  | 0 |  | 113 |
| Total investment income |  | \$11,713 |  | \$3,016 |  | \$14,729 |

Year Ended December 31, 2012

|  | Financial Services Businesses |  | Closed Block Business |  | Combined |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yield(1) | Amount | Yield(1) | Amount | Yield(1) | Amount |
|  | (\$ in millions) |  |  |  |  |  |
| Fixed maturities | 3.72\% | \$ 7,645 | 5.52\% | \$2,143 | 4.01\% | \$ 9,788 |
| Trading account assets supporting insurance liabilities | 3.98 | 778 | 0.00 | 0 | 3.98 | 778 |
| Equity securities | 6.14 | 249 | 3.34 | 84 | 5.07 | 333 |
| Commercial mortgage and other loans | 5.48 | 1,375 | 6.38 | 589 | 5.72 | 1,964 |
| Policy loans | 4.73 | 293 | 6.03 | 304 | 5.31 | 597 |
| Short-term investments and cash equivalents | 0.24 | 33 | 1.24 | 7 | 0.26 | 40 |
| Other investments | 4.04 | 268 | 8.31 | 183 | 5.12 | 451 |
| Gross investment income before investment expenses Investment expenses | $\begin{array}{r} 3.80 \\ (0.12) \\ \hline \end{array}$ | $\begin{array}{r} 10,641 \\ (273) \end{array}$ | $\begin{gathered} 5.69 \\ (0.27) \\ \hline \end{gathered}$ | $\begin{aligned} & 3,310 \\ & (157) \\ & \hline \end{aligned}$ | $\begin{gathered} 4.12 \\ (0.15) \\ \hline \end{gathered}$ | $\begin{array}{r} 13,951 \\ \hline(430) \\ \hline \end{array}$ |
| Investment income after investment expenses | 3.68\% | 10,368 | 5.42\% | 3,153 | 3.97\% | 13,521 |
| Investment results of other entities and operations(2) |  | 140 |  | 0 |  | 140 |
| Total investment income |  | \$10,508 |  | \$3,153 |  | \$13,661 |
|  | Year Ended December 31, 2011 |  |  |  |  |  |
|  | Financial Services Businesses |  | Closed Block Business |  | Combined |  |
|  | Yield(1)(3) | Amount | Yield(1) | Amount | Yield(1)(3) | Amount |
|  | (\$ in millions) |  |  |  |  |  |
| Fixed maturities | 3.91\% | \$7,063 | 5.67\% | \$2,232 | 4.22\% | \$ 9,295 |
| Trading account assets supporting insurance liabilities | 4.23 | 776 | 0.00 | 0 | 4.23 | 776 |
| Equity securities | 6.01 | 240 | 2.75 | 75 | 4.68 | 315 |
| Commercial mortgage and other loans | 5.64 | 1,295 | 6.47 | 553 | 5.86 | 1,848 |
| Policy loans | 4.75 | 277 | 6.22 | 322 | 5.44 | 599 |
| Short-term investments and cash equivalents | 0.39 | 49 | 0.73 | 4 | 0.40 | 53 |
| Other investments | 3.77 | 243 | 8.81 | 174 | 4.97 | 417 |
| Gross investment income before investment expenses Investment expenses | $\begin{gathered} 3.96 \\ (0.12) \end{gathered}$ | $\begin{gathered} 9,943 \\ (230) \end{gathered}$ | $\begin{gathered} 5.77 \\ (0.25) \end{gathered}$ | $\begin{gathered} 3,360 \\ (146) \end{gathered}$ | $\begin{gathered} 4.31 \\ (0.14) \end{gathered}$ | $\begin{array}{r} 13,303 \\ (376) \end{array}$ |
| Investment income after investment expenses | 3.84\% | 9,713 | 5.52\% | 3,214 | 4.17\% | 12,927 |
| Investment results of other entities and operations(2) |  | 197 |  | 0 |  | 197 |
| Total investment income |  | \$9,910 |  | \$3,214 |  | \$13,124 |

(1) Yields are based on quarterly average carrying values except for fixed maturities, equity securities and securities lending activity. Yields for fixed maturities are based on amortized cost. Yields for equity securities are based on cost. Yields for fixed maturities and short-term investments and cash equivalents are calculated net of liabilities and rebate expenses corresponding to securities lending activity. Yields exclude investment income on assets other than those included in invested assets. Prior period's yields are presented on a basis consistent with the current period presentation.
(2) Includes investment income of our asset management operations and derivative operations, as described below under "-Invested Assets of Other Entities and Operations".
(3) Yields for the year ended December 31, 2011, are weighted for ten months of income and assets related to the Star and Edison Businesses.

See below for a discussion of the change in the Financial Services Businesses' yields. The decrease in net investment income yield attributable to the Closed Block Business's portfolio for 2013, compared to 2012, was primarily due to the impact of lower interest rates on floating rate investments due to rate resets and lower fixed income reinvestment rates.

The decrease in net investment income yield attributable to the Closed Block Business for 2012, compared to 2011, was primarily due to the impact of lower interest rates on floating rate investments due to rate resets and lower fixed income reinvestment rates.

The following table sets forth the income yield and investment income for each major investment category of the Financial Services Businesses' general account, excluding the Japanese insurance operations' portion of the general account which is presented separately below, for the periods indicated. The yields are based on net investment income as reported under U.S. GAAP and as such do not include certain interest related items, such as settlements of duration management swaps which are included in realized gains and losses.

|  | Year Ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 |  | 2012 |  | 2011 |  |
|  | Yield(1) | Amount | Yield(1) | Amount | Yield(1) | Amount |
|  | (\$ in millions) |  |  |  |  |  |
| Fixed maturities | 4.65\% | \$5,306 | 5.09\% |  | 5.44\% | \$4,219 |
| Trading account assets supporting insurance liabilities | 3.99 | 741 | 4.18 | 742 | 4.45 | 742 |
| Equity securities | 7.30 | 174 | 8.70 | 184 | 9.04 | 167 |
| Commercial mortgage and other loans | 5.27 | 1,145 | 5.87 | 1,138 | 6.06 | 1,083 |
| Policy loans | 5.45 | 228 | 5.62 | 194 | 5.81 | 187 |
| Short-term investments and cash equivalents | 0.23 | 26 | 0.26 | 28 | 0.29 | 26 |
| Other investments | 7.54 | 383 | 3.13 | 87 | 3.86 | 80 |
| Gross investment income before investment expenses Investment expenses | $\begin{gathered} 4.52 \\ (0.12) \end{gathered}$ | $\begin{gathered} 8,003 \\ (152) \end{gathered}$ | $\begin{aligned} & 4.77 \\ & (0.11) \end{aligned}$ | $\begin{aligned} & \overline{6,701} \\ & (89) \end{aligned}$ | $\begin{gathered} 5.07 \\ (0.10) \end{gathered}$ | $\begin{array}{r} \hline 6,504 \\ (71) \\ \hline \end{array}$ |
| Investment income after investment expenses | 4.40\% | 7,851 | 4.66\% | 6,612 | 4.97\% | 6,433 |
| Investment results of other entities and operations(2) |  | 113 |  | 140 |  | 197 |
| Total investment income |  | \$7,964 |  | \$6,752 |  | $\overline{\$ 6,630}$ |

(1) Yields are based on quarterly average carrying values except for fixed maturities, equity securities and securities lending activity. Yields for fixed maturities are based on amortized cost. Yields for equity securities are based on cost. Yields for fixed maturities and short-term investments and cash equivalents are calculated net of liabilities and rebate expenses corresponding to securities lending activity. Yields exclude investment income on assets other than those included in invested assets. Prior period's yields are presented on a basis consistent with the current period presentation.
(2) Includes investment income of our asset management operations and derivative operations.

The decrease in net investment income yield attributable to the Financial Services Businesses' general account, excluding the Japanese operations' portfolio, for 2013, compared to 2012, was primarily the result of lower interest rates on floating rate investments due to rate resets and lower fixed maturity reinvestment rates. The decrease also reflects the addition of assets from the significant pension risk transfer transactions that closed in the fourth quarter of 2012, as well as the Hartford transaction discussed above, which reflect market yields at the time of acquisition. These decreases were partially offset by higher income from non-coupon investments.

The decrease in net investment income yield attributable to the Financial Services Businesses' general account, excluding the Japanese operations' portfolio, for 2012, compared to 2011, was primarily the result of lower interest rates on floating rate investments due to rate resets, lower fixed maturity reinvestment rates, and the addition of asset from the pension risk transfer transactions which reflect market yields at the time of acquisition.

The following table sets forth the income yield and investment income for each major investment category of our Japanese operations' general account for the periods indicated. The yields are based on net investment income as reported under U.S. GAAP and as such do not include certain interest related items, such as settlements of duration management swaps which are included in realized gains and losses.

|  | Year Ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 |  | 2012 |  | 2011 |  |
|  | $\underline{\text { Yield(1) }}$ | Amount | Yield(1) | Amount | $\underline{\text { Yield(1)(2) }}$ | Amount |
|  | (\$ in millions) |  |  |  |  |  |
| Fixed maturities | 2.91\% | \$3,269 | 2.75\% | \$3,317 | 2.75\% | \$2,844 |
| Trading account assets supporting insurance liabilities | 1.81 | 34 | 2.04 | 36 | 2.02 | 34 |
| Equity securities | 4.69 | 82 | 3.36 | 65 | 3.42 | 73 |
| Commercial mortgage and other loans | 4.21 | 258 | 4.15 | 237 | 4.16 | 212 |
| Policy loans. | 3.70 | 88 | 3.60 | 99 | 3.44 | 90 |
| Short-term investments and cash equivalents | 0.19 | 4 | 0.16 | 5 | 0.68 | 23 |
| Other investments | 6.12 | 170 | 4.71 | 181 | 3.72 | 163 |
| Gross investment income before investment expenses | 3.02 | 3,905 | 2.82 | 3,940 | 2.81 | 3,439 |
| Investment expenses .... | (0.12) | (156) | (0.13) | (184) | (0.13) | (159) |
| Total investment income | $\underline{\underline{2.90 \%}}$ | $\stackrel{\$ 3,749}{ }$ | $\underline{\underline{2.69 \%}}$ | \$3,756 | $\underline{\underline{2.68 \%}}$ | \$3,280 |

(1) Yields are based on quarterly average carrying values except for fixed maturities, equity securities and securities lending activity. Yields for fixed maturities are based on amortized cost. Yields for equity securities are based on cost. Yields for fixed maturities and short-term investments and cash equivalents are calculated net of liabilities and rebate expenses corresponding to securities lending activity. Yields exclude investment income on assets other than those included in invested assets. Prior period's yields are presented on a basis consistent with the current period presentation.
(2) Yields for the year ended December 31, 2011, are weighted for ten months of income and assets related to the Star and Edison Businesses.

The increase in net investment income yield on the Japanese insurance portfolio for 2013, compared to 2012, was primarily attributable to more favorable results from non-coupon investments and growth in higher-yielding assets supporting both U.S. and Australian dollar-denominated products, partially offset by lower fixed maturity reinvestment rates in both the U.S. and Japan.

The increase in net investment income yield on the Japanese insurance portfolio for 2012, compared to 2011, was primarily attributable to more favorable results from non-coupon investments and asset growth supporting both U.S. and Australian dollardenominated products, partially offset by lower fixed maturity reinvestment rates in both the U.S. and Japan.

Both the U.S. dollar-denominated and Australian dollar-denominated fixed maturities that are not hedged to yen through third party derivative contracts provide a yield that is substantially higher than the yield on comparable yen-denominated fixed maturities. The average amortized cost of U.S. dollar-denominated fixed maturities that are not hedged to yen through third party derivative contracts was approximately $\$ 31.9$ billion and $\$ 29.4$ billion, for the years ended December 31, 2013 and 2012, respectively. The majority of U.S. dollardenominated fixed maturities support liabilities that are denominated in U.S. dollars. The average amortized cost of Australian dollardenominated fixed maturities that are not hedged to yen through third party derivative contracts was approximately $\$ 8.1$ billion and $\$ 7.0$ billion, for the years ended December 31, 2013 and 2012, respectively. The Australian dollar-denominated fixed maturities support liabilities that are denominated in Australian dollars.

For additional information regarding U.S. and Australian dollar investments held in our Japanese insurance operations, see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division" above.

## Fixed Maturity Securities

## Fixed Maturity Securities by Contractual Maturity Date

The following table sets forth the breakdown of the amortized cost of our fixed maturity securities portfolio in total by contractual maturity as of December 31, 2013.

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  |
|  | Amortized Cost | \% of Total | Amortized Cost | \% of Total |
|  | (\$ in millions) |  |  |  |
| Corporate \& government securities: |  |  |  |  |
| Maturing in 2014 | \$ 7,936 | 3.4\% | \$ 1,380 | 3.4\% |
| Maturing in 2015 | 8,019 | 3.5 | 1,879 | 4.6 |
| Maturing in 2016 | 9,579 | 4.1 | 1,188 | 2.9 |
| Maturing in 2017 | 10,658 | 4.6 | 1,453 | 3.6 |
| Maturing in 2018 | 12,607 | 5.5 | 1,985 | 4.9 |
| Maturing in 2019 | 10,041 | 4.3 | 1,501 | 3.7 |
| Maturing in 2020 | 10,057 | 4.4 | 1,840 | 4.5 |
| Maturing in 2021 | 10,527 | 4.6 | 2,091 | 5.1 |
| Maturing in 2022 | 9,680 | 4.2 | 1,878 | 4.6 |
| Maturing in 2023 | 8,695 | 3.8 | 1,938 | 4.8 |
| Maturing in 2024 | 5,793 | 2.5 | 1,287 | 3.2 |
| Maturing in 2025 and beyond | 104,289 | 45.1 | 13,421 | 33.1 |
| Total corporate \& government securities | 207,881 | 90.0 | 31,841 | 78.4 |
| Asset-backed securities | 7,591 | 3.3 | 3,747 | 9.2 |
| Commercial mortgage-backed securities | 9,772 | 4.2 | 3,960 | 9.7 |
| Residential mortgage-backed securities | 5,872 | 2.5 | 1,080 | 2.7 |
| Total fixed maturities | \$231,116 | 100.0\% | \$40,628 | 100.0\% |

## Fixed Maturity Securities and Unrealized Gains and Losses by Industry Category

The following table sets forth the composition of the portion of our fixed maturity securities portfolio by industry category attributable to the Financial Services Businesses as of the dates indicated and the associated gross unrealized gains and losses.

## Fixed Maturity Securities—Financial Services Businesses


(1) Investment data has been classified based on standard industry categorizations for domestic public holdings and similar classifications by industry for all other holdings.
(2) Includes $\$ 265$ million of gross unrealized gains and $\$ 24$ million of gross unrealized losses as of December 31, 2013, compared to $\$ 310$ million of gross unrealized gains and $\$ 67$ million of gross unrealized losses as of December 31, 2012, on securities classified as held-to-maturity.
(3) As of December 31, 2013 and 2012, based on amortized cost, $80 \%$ and $81 \%$, respectively, represent Japanese government bonds held by our Japanese insurance operations, with no other individual country representing more than $9 \%$ and $8 \%$, respectively, of the balance.
(4) Includes securities collateralized by sub-prime mortgages. See "—Asset-Backed Securities" below.
(5) Includes securities related to the Build America Bonds program.
(6) Excluded from the table above are securities held outside the general account in other entities and operations. For additional information regarding investments held outside the general account, see "-Invested Assets of Other Entities and Operations" below. Also excluded from the table above are fixed maturity securities classified as trading. See "-Trading Account Assets Supporting Insurance Liabilities" and "-Other Trading Account Assets" for additional information.

The decrease in net unrealized gains from December 31, 2012 to December 31, 2013, was primarily due to a net increase in U.S. interest rates.

The following table sets forth the composition of the portion of our fixed maturity securities portfolio by industry category attributable to the Closed Block Business as of the dates indicated and the associated gross unrealized gains and losses.

## Fixed Maturity Securities-Closed Block Business

| Industry(1) | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Corporate securities: (in millions) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Consumer non-cyclical | 4,693 | 480 | 47 | 5,126 | 4,419 | 750 | 5 | 5,164 |
| Finance | 4,001 | 294 | 15 | 4,280 | 3,728 | 442 | 17 | 4,153 |
| Consumer cyclical | 3,272 | 317 | 18 | 3,571 | 3,003 | 477 | 10 | 3,470 |
| Capital goods | 2,479 | 252 | 14 | 2,717 | 2,523 | 376 | 1 | 2,898 |
| Energy | 1,855 | 178 | 15 | 2,018 | 1,879 | 305 | 0 | 2,184 |
| Communications | 1,413 | 144 | 12 | 1,545 | 1,513 | 268 | 4 | 1,777 |
| Basic industry . | 1,303 | 90 | 23 | 1,370 | 1,324 | 186 | 3 | 1,507 |
| Transportation | 1,313 | 120 | 9 | 1,424 | 1,386 | 186 |  | 1,568 |
| Industrial other | 954 | ${ }_{51}$ | 13 | 1,002 | 1,074 | 110 | 2 | 1,182 |
| Technology | 665 | 53 | 8 | 710 | 626 | 103 | 7 | 722 |
| Foreign agencies | 460 | 38 | 6 | 492 | 355 | 68 | 0 | 423 |
| Total corporate securities | 26,992 | 2,526 | 228 | 29,290 | 26,603 | 4,133 | 65 | 30,671 |
| Asset-backed securities(2) | 3,747 | 34 | 141 | 3,640 | 4,592 | 71 | 320 | 4,343 |
| Commercial mortgage-backed | 3,960 | 60 | 59 | 3,961 | 4,029 | 179 | 2 | 4,206 |
| U.S. Government | 3,824 | 279 | 26 | 4,077 | 3,401 | 966 | , | 4,367 |
| Residential mortgage-backed | 1,080 | 55 | 6 | 1,129 | 1,520 | 97 | 3 | 1,614 |
| Foreign government(3) | 361 | 55 | 8 | 408 | 345 | 103 | 2 | 446 |
| State \& Municipal | 664 | 51 | 7 | 708 | 647 | 126 | 1 | 772 |
| Total(4) | \$40,628 | \$3,060 | \$475 | \$43,213 | \$41,137 | \$5,675 | \$393 | \$46,419 |

(1) Investment data has been classified based on standard industry categorizations for domestic public holdings and similar classifications by industry for all other holdings.
(2) Includes securities collateralized by sub-prime mortgages. See "—Asset-Backed Securities" below.
(3) As of December 31, 2013 and 2012, based on amortized cost, no individual foreign country represented more than $11 \%$ and $13 \%$, respectively.
(4) The table above excludes fixed maturity securities classified as trading. See "—Other Trading Account Assets" for additional information.

The decrease in net unrealized gains from December 31, 2012 to December 31, 2013, was primarily due to a net increase in interest rates.

## Asset-Backed Securities

Included within asset-backed securities attributable to both the Financial Services Businesses and the Closed Block Business are securities collateralized by sub-prime mortgages. While there is no market standard definition, we define sub-prime mortgages as residential mortgages that are originated to weaker quality obligors as indicated by weaker credit scores, as well as mortgages with higher loan-to-value ratios or limited documentation. The deterioration of the U.S. housing market since prices peaked in 2006 and higher unemployment levels over the past several years, coupled with relaxed underwriting standards for some originators of sub-prime mortgages through 2007, have led to higher delinquency rates, particularly for those mortgages issued in 2006 and 2007. This has resulted in increased attention given to potential deficiencies in lenders' foreclosure documentation, causing delays in the foreclosure process. From the perspective of an investor in securities backed by sub-prime collateral, significant delays in foreclosure proceedings have resulted in increased servicing costs which negatively affect the value of the impacted securities. Separately, as an investor in sub-prime securities, we are pursuing legal and other actions with respect to potential remedies arising from any potential deficiencies related to the original lending and securitization practices. For additional information, see Note 23 to our Consolidated Financial Statements.

The following tables set forth the amortized cost and fair value of our asset-backed securities attributable to the Financial Services Businesses as of the dates indicated, by credit quality, and for asset-backed securities collateralized by sub-prime mortgages, by year of issuance (vintage).

## Asset-Backed Securities at Amortized Cost—Financial Services Businesses



| Vintage | Lowest Rating Agency Rating |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { Amortized } \\ \text { Cost } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | millions) |  |  |
| Other asset-backed securities: |  |  |  |  |  |  |  |
| Collateralized loan obligations | 2,314 | 333 | 5 | 0 | 0 | 2,654 | 1,858 |
| Collateralized by non-sub-prime mortgages | 938 | 46 | 5 | 15 | 4 | 1,008 | 1,444 |
| Collateralized by credit cards | 452 | 0 | 35 | 10 | 0 | 497 | 695 |
| Collateralized by auto loans | 567 | 0 | 0 | 0 | 1 | 568 | 694 |
| Other asset-backed securities(1) | 152 | 591 | 97 | 24 | 117 | 981 | 1,276 |
| Total asset-backed securities(2) | \$4,425 | \$975 | \$223 | \$166 | \$1,802 | \$7,591 | \$8,209 |

(1) Includes asset-backed securities collateralized by education loans, aircraft, equipment leases, franchises, externally-managed investments in the European market, and timeshares. Approximately $95 \%$ of the $\$ 401$ million of education loans included above carry a Department of Education guaranty as of December 31, 2013.
(2) Excluded from the table above are asset-backed securities held outside the general account in other entities and operations. Also excluded from the table above are asset-backed securities classified as trading.

## Asset-Backed Securities at Fair Value—Financial Services Businesses

| $\underline{\text { Vintage }}$ | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating |  |  |  |  | Total <br> Fair Value |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | millions |  |  |
| Collateralized by sub-prime mortgages: |  |  |  |  |  |  |  |
| 2013-2008 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 2007 | 0 | 0 | 0 | 0 | 334 | 334 | 339 |
| 2006 | 1 | 0 | 20 | 55 | 582 | 658 | 698 |
| 2005 | 0 | 2 | 28 | 29 | 200 | 259 | 251 |
| 2004 \& Prior | 0 | 3 | 29 | 26 | 519 | 577 | 594 |
| Total collateralized by sub-prime mortgages | 1 | 5 | 77 | 110 | 1,635 | 1,828 | 1,882 |
| Other asset-backed securities: |  |  |  |  |  |  |  |
| Collateralized loan obligations | 2,305 | 336 | 7 | 0 | 8 | 2,656 | 1,871 |
| Collateralized by non-sub-prime mortgages | 994 | 47 | 5 | 14 | 4 | 1,064 | 1,524 |
| Collateralized by credit cards . . . . . . . . . | 465 | 0 | 35 | 10 | 0 | 510 | 714 |
| Collateralized by auto loans | 570 | 0 | 0 | 0 | 1 | 571 | 702 |
| Other asset-backed securities(1) | 154 | 594 | 104 | 26 | 129 | 1,007 | 1,311 |
| Total asset-backed securities(2) | \$4,489 | \$982 | \$228 | $\overline{\$ 160}$ | \$1,777 | \$7,636 | \$8,004 |

(1) Includes asset-backed securities collateralized by education loans, aircraft, equipment leases, franchises, externally-managed investments in the European market, and timeshares. Approximately $95 \%$ of the $\$ 392$ million of education loans included above carry a Department of Education guaranty as of December 31, 2013.
(2) Excluded from the table above are asset-backed securities held outside the general account in other entities and operations. Also excluded from the table above are asset-backed securities classified as trading.

The tables above provide ratings as assigned by nationally recognized rating agencies as of December 31, 2013, including Standard \& Poor's, Moody's and Fitch. In making our investment decisions, rather than relying solely on the rating agencies' evaluations, we assign internal ratings to our asset-backed securities based upon our dedicated asset-backed securities unit's independent evaluation of the underlying collateral and securitization structure, including any guarantees from monoline bond insurers.

On an amortized cost basis, asset-backed securities collateralized by sub-prime mortgages attributable to the Financial Services Businesses decreased from $\$ 2.242$ billion as of December 31, 2012, to $\$ 1.883$ billion as of December 31, 2013, primarily reflecting sales, principal paydowns and other-than-temporary impairments recognized. Gross unrealized losses related to our asset-backed securities collateralized by subprime mortgages attributable to the Financial Services Businesses were $\$ 144$ million as of December 31, 2013, and $\$ 390$ million as of December 31, 2012. For additional information regarding other-than-temporary impairments of asset-backed securities collateralized by subprime mortgages, see "-Realized Investment Gains and Losses" above. For information regarding the methodology used in determining the fair value of our asset-backed securities collateralized by sub-prime mortgages, see Note 20 to the Consolidated Financial Statements.

The weighted average estimated subordination percentage of our asset-backed securities collateralized by sub-prime mortgages attributable to the Financial Services Businesses, excluding those supported by guarantees from monoline bond insurers, was $28 \%$ as of December 31, 2013. The subordination percentage represents the current weighted average estimated percentage of the capital structure subordinated to our investment holding that is available to absorb losses before the security incurs the first dollar loss of principal. As of December 31, 2013, based on amortized cost, approximately $58 \%$ of the asset-backed securities collateralized by sub-prime mortgages attributable to the Financial Services Businesses have estimated credit subordination percentages of $20 \%$ or more, and $41 \%$ have estimated credit subordination percentages of $30 \%$ or more.

In addition to subordination, certain securities, referred to as front pay or second pay securities, benefit from the prioritization of principal cash flows within the senior tranches of the structure. In most instances, these shorter duration senior securities have priority to principal cash flows over other securities in the structure, including longer duration senior securities. Included within the $\$ 1.883$ billion of asset-backed securities collateralized by sub-prime mortgages attributable to the Financial Services Businesses as of December 31, 2013, were $\$ 301$ million of securities, on an amortized cost basis, that represent front pay or second pay securities, depending on the overall structure of the securities.

The following tables set forth the amortized cost and fair value of our asset-backed securities attributable to the Closed Block Business as of the dates indicated, by credit quality, and for asset-backed securities collateralized by sub-prime mortgages, by year of issuance (vintage).

## Asset-Backed Securities at Amortized Cost—Closed Block Business

| $\underline{\text { Vintage }}$ | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating |  |  |  |  | Total Amortized Cost |  |
|  | $\underline{\text { AAA }}$ | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | $\overline{\text { millions }}$ |  |  |
| Collateralized by sub-prime mortgages: |  |  |  |  |  |  |  |
| 2013-2008 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 2007 | 0 | 3 | 0 | 20 | 216 | 239 | 324 |
| 2006 | 2 | 84 | 0 | 6 | 481 | 573 | 711 |
| 2005 | 7 | 14 | 63 | 15 | 87 | 186 | 233 |
| 2004 \& Prior | 0 | 2 | 14 | 13 | 404 | 433 | 503 |
| Total collateralized by sub-prime mortgages | 9 | 103 | 77 | 54 | 1,188 | 1,431 | 1,771 |
| Other asset-backed securities: |  |  |  |  |  |  |  |
| Collateralized by auto loans | 687 | 0 | 0 | 0 | 0 | 687 | 892 |
| Collateralized loan obligations | 553 | 107 | 0 | 0 | 0 | 660 | 599 |
| Collateralized by credit cards . | 312 | 0 | 0 | 24 | 0 | 336 | 450 |
| Collateralized by education loans(1) | 16 | 413 | 0 | 0 | 0 | 429 | 450 |
| Other asset-backed securities(2) | 88 | 50 | 52 | 0 | 14 | 204 | 430 |
| Total asset-backed securities(3) | \$1,665 | \$673 | \$129 | \$78 | \$1,202 | \$3,747 | \$4,592 |

(1) Approximately $96 \%$ of the $\$ 429$ million of education loans included above carry a Department of Education guaranty as of December 31 , 2013 .
(2) Includes asset-backed securities collateralized by externally-managed investments in the European market, franchises, equipment leases, aircraft, manufacturing and timeshares.
(3) Excluded from the table above are asset-backed securities classified as trading.

Asset-Backed Securities at Fair Value-Closed Block Business

| $\underline{\text { Vintage }}$ | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating |  |  |  |  | Total <br> Fair Value |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | $\overline{\text { millions }}$ |  |  |
| Collateralized by sub-prime mortgages: |  |  |  |  |  |  |  |
| 2013-2008 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 2007 | 0 | 3 | 0 | 19 | 205 | 227 | 269 |
| 2006 | 3 | 81 | 0 | 5 | 417 | 506 | 543 |
| 2005 | 6 | 14 | 61 | 15 | 78 | 174 | 205 |
| 2004 \& Prior | 0 | 2 | 13 | 13 | 378 | 406 | 442 |
| Total collateralized by sub-prime mortgages | 9 | 100 | 74 | 52 | 1,078 | 1,313 | 1,459 |
| Other asset-backed securities: |  |  |  |  |  |  |  |
| Collateralized by auto loans | 689 | 0 | 0 | 0 | 0 | 689 | 896 |
| Collateralized loan obligations | 551 | 108 | 0 | 0 | 6 | 665 | 605 |
| Collateralized by credit cards | 314 | 0 | 0 | 23 | 0 | 337 | 454 |
| Collateralized by education loans(1) | 16 | 409 | 0 | 0 | 0 | 425 | 453 |
| Other asset-backed securities(2) | 89 | 50 | 55 | 0 | 17 | 211 | 476 |
| Total asset-backed securities(3) . | \$1,668 | \$667 | \$129 | \$75 | \$1,101 | \$3,640 | \$4,343 |

(1) Approximately $96 \%$ of the $\$ 425$ million of education loans included above carry a Department of Education guaranty as of December $31,2013$.
(2) Includes asset-backed securities collateralized by externally-managed investments in the European market, franchises, equipment leases, aircraft, manufacturing and timeshares.
(3) Excluded from the table above are asset-backed securities classified as trading.

On an amortized cost basis, asset-backed securities collateralized by sub-prime mortgages attributable to the Closed Block Business decreased from $\$ 1.771$ billion as of December 31, 2012, to $\$ 1.431$ billion as of December 31, 2013, primarily reflecting sales, principal paydowns and other-than-temporary impairments recognized. Gross unrealized losses related to our asset-backed securities collateralized by sub-prime mortgages attributable to the Closed Block Business were $\$ 127$ million as of December 31, 2013 , and $\$ 315$ million as of December 31, 2012. For additional information regarding other-than-temporary impairments of asset-backed securities collateralized by subprime mortgages, see "-Realized Investment Gains and Losses" above. For information regarding the methodology used in determining the fair value of our asset-backed securities collateralized by sub-prime mortgages, see Note 20 to the Consolidated Financial Statements.

The weighted average estimated subordination percentage of asset-backed securities collateralized by sub-prime mortgages attributable to the Closed Block Business, excluding those supported by guarantees from monoline bond insurers, was $33 \%$ as of December 31 , 2013 . The subordination percentage represents the current weighted average estimated percentage of the capital structure subordinated to our investment holding that is available to absorb losses before the security incurs the first dollar loss of principal. As of December 31, 2013, based on amortized cost, approximately $70 \%$ of the asset-backed securities collateralized by sub-prime mortgages attributable to the Closed Block Business have estimated credit subordination percentages of $20 \%$ or more, and $48 \%$ have estimated credit subordination percentages of $30 \%$ or more.

In addition to subordination, certain securities, referred to as front pay or second pay securities, benefit from the prioritization of principal cash flows within the senior tranches of the structure. In most instances, these shorter duration senior securities have priority to principal cash flows over other securities in the structure, including longer duration senior securities. Included within the $\$ 1.431$ billion of asset-backed securities collateralized by sub-prime mortgages attributable to the Closed Block Business as of December 31, 2013, were $\$ 210$ million of securities, on an amortized cost basis, that represent front pay or second pay securities, depending on the overall structure of the securities.

## Residential Mortgage-Backed Securities

The following tables set forth the amortized cost of our residential mortgage-backed securities attributable to the Financial Services Businesses and Closed Block Business as of the dates indicated.

## Residential Mortgage-Backed Securities at Amortized Cost

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  |
|  | $\begin{gathered} \hline \text { Amortized } \\ \text { Cost } \\ \hline \end{gathered}$ | \% of Total | $\begin{gathered} \hline \text { Amortized } \\ \text { Cost } \\ \hline \end{gathered}$ | \% of Total |
|  |  | (\$ in mill | ons) |  |
| By security type: |  |  |  |  |
| Agency pass-through securities(1) | \$5,770 | 98.3\% | \$ 966 | 89.4\% |
| Collateralized mortgage obligations(2)(3) | 102 | 1.7 | 114 | 10.6 |
| Total residential mortgage-backed securities | $\overline{\$ 5,872}$ | 100.0\% | \$1,080 | 100.0\% |
| Portion rated AA or higher(4) | \$5,779 | 98.4\% | \$ 966 | 89.4\% |
|  | December 31, 2012 |  |  |  |
|  | Financial Ser | es Businesses | Closed Blo | k Business |
|  | $\begin{gathered} \text { Amortized } \\ \text { Cost } \end{gathered}$ | \% of Total | $\begin{gathered} \hline \text { Amortized } \\ \text { Cost } \\ \hline \end{gathered}$ | \% of Total |
| By security type: |  |  |  |  |
|  |  |  |  |  |
| Agency pass-through securities(1) Collateralized mortgage obligations(2)(3) | $\begin{array}{r} \$ 8,183 \\ 177 \end{array}$ | $\begin{gathered} 97.9 \% \\ 2.1 \end{gathered}$ | $\begin{array}{r} \$ 1,364 \\ 156 \end{array}$ | $\begin{aligned} & 89.7 \% \\ & 10.3 \end{aligned}$ |
| Total residential mortgage-backed securities | \$8,360 | 100.0\% | \$1,520 | 100.0\% |
| Portion rated AA or higher(4) | \$8,247 | 98.7\% | \$1,364 | 89.7\% |

(1) As of December 31, 2013, of these securities, for the Financial Services Businesses, $\$ 4.388$ billion are supported by U.S. government and $\$ 1.382$ billion are supported by foreign governments. As of December 31, 2012, of these securities, for the Financial Services Businesses, $\$ 6.359$ billion were supported by the U.S. government and $\$ 1.824$ billion were supported by foreign governments. For the Closed Block Business, all of the securities are supported by the U.S. government as of both December 31, 2013 and 2012.
(2) Includes alternative residential mortgage loans of $\$ 28$ million and $\$ 36$ million in the Financial Services Businesses, and $\$ 58$ million and $\$ 76$ million in the Closed Block Business, as of December 31, 2013 and 2012, respectively.
(3) As of December 31, 2013, of these collateralized mortgage obligations, for the Financial Services Businesses, $9 \%$ have credit ratings of A or above, $33 \%$ have BBB credit ratings and the remaining $58 \%$ have below investment grade ratings and, as of December 31, 2012, $57 \%$ have credit ratings of A or above, $5 \%$ have BBB credit ratings and the remaining $38 \%$ have below investment grade ratings. As of December 31, 2013, for the Closed Block Business, $14 \%$ have BBB credit ratings and $86 \%$ have below investment grade ratings and, as of December 31, 2012, $13 \%$ have BBB credit ratings and $87 \%$ have below investment grade ratings.
(4) Based on lowest external rating agency rating.

## Commercial Mortgage-Backed Securities

The commercial real estate market was severely impacted by the financial crisis and the subsequent recession; however, market fundamentals have bottomed and have shown signs of improvement since late 2010. Commercial real estate vacancy rates have declined from their peak, rent growth has turned positive, and prices of commercial real estate have rebounded. Additionally, the elevated delinquency rate on mortgages in the commercial mortgage-backed securities market has decreased and refinancing activity is more robust, reflecting the improvement in these fundamentals. The loans included in new issues reflect better underwriting and lower levels of leverage compared to 2007.

The following tables set forth the amortized cost and fair value of our commercial mortgage-backed securities attributable to the Financial Services Businesses as of the dates indicated, by credit quality and by year of issuance (vintage)

## Commercial Mortgage-Backed Securities at Amortized Cost—Financial Services Businesses

| Vintage | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating(1) |  |  |  |  | Total Amortized Cost |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | millions) |  |  |
| 2013 | \$2,445 | \$125 | \$ 0 | \$ 9 | \$0 | \$2,579 | \$ 0 |
| 2012-2009 | 245 | 284 | 0 | 0 | 0 | 529 | 404 |
| 2008-2007 | 875 | 44 | 28 | 5 | 0 | 952 | 1,358 |
| 2006 | 3,018 | 103 | 7 | 4 | 0 | 3,132 | 2,781 |
| 2005 | 2,039 | 65 | 8 | 4 | 0 | 2,116 | 2,113 |
| 2004 \& Prior | 368 | 72 | 23 | 0 | 1 | 464 | 757 |
| Total commercial mortgage-backed securities(2)(3)(4) | \$8,990 | \$693 | \$66 | \$22 | \$1 | \$9,772 | \$7,413 |

(1) The table above provides ratings as assigned by nationally recognized rating agencies as of December 31, 2013, including Standard \& Poor's, Moody's, Fitch and Realpoint.
(2) Excluded from the table above are commercial mortgage-backed securities held outside the general account in other entities and operations. Also excluded from the table above are commercial mortgage-backed securities classified as trading.
(3) Included in the table above, as of December 31, 2013, are downgraded super senior securities with amortized cost of $\$ 155$ million in AA and $\$ 54$ million in A .
(4) Included in the table above, as of December 31, 2013, are agency commercial mortgage-backed securities with amortized cost of $\$ 443$ million, all rated AA.

## Commercial Mortgage-Backed Securities at Fair Value—Financial Services Businesses

| Vintage | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating(1) |  |  |  |  | Total <br> Fair Value |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | millions |  |  |
| 2013 | \$2,372 | \$120 | \$ 0 | \$ 8 | \$1 | \$ 2,501 | \$ 0 |
| 2012-2009 | 234 | 300 | 0 | 0 | 0 | 534 | 437 |
| 2008-2007 | 897 | 46 | 27 | 5 | 1 | 976 | 1,447 |
| 2006 | 3,161 | 111 | 7 | 4 | 0 | 3,283 | 3,062 |
| 2005 | 2,114 | 74 | 10 | 5 | 0 | 2,203 | 2,261 |
| 2004 \& Prior | 412 | 91 | 28 | 0 | 0 | 531 | 787 |
| Total commercial mortgage-backed securities(2)(3) | \$9,190 | \$742 | \$72 | $\overline{\$ 22}$ | \$2 | \$10,028 | \$7,994 |

(1) The table above provides ratings as assigned by nationally recognized rating agencies as of December 31, 2013, including Standard \& Poor's, Moody's, Fitch and Realpoint.
(2) Excluded from the table above are commercial mortgage-backed securities held outside the general account in other entities and operations. Also excluded from the table above are commercial mortgage-backed securities classified as trading.
(3) Included in the table above, as of December 31, 2013, are agency commercial mortgage-backed securities with fair value of $\$ 457$ million, all rated AA.

Included in the tables above are commercial mortgage-backed securities collateralized by U.S. properties, all related to commercial mortgagebacked securities held by our Japanese insurance operations, with an amortized cost of $\$ 380$ million in AAA, $\$ 93$ million in AA, $\$ 26$ million in A and $\$ 8$ million in BBB as of December 31,2013 , and $\$ 674$ million in $\mathrm{AAA}, \$ 116$ million in $\mathrm{AA}, \$ 40$ million in A , and $\$ 9$ million in BBB as of December 31, 2012. Commercial mortgage-backed securities collateralized by non-U.S. properties are immaterial for both years.

The following table sets forth the amortized cost of our AAA commercial mortgage-backed securities attributable to the Financial Services Businesses as of the dates indicated, by type and by year of issuance (vintage).

AAA Rated Commercial Mortgage-Backed Securities—Amortized Cost by Type and Vintage—Financial Services Businesses
December 31, 2013

| Vintage | Super Senior AAA Structures |  |  |  | Other AAA |  |  | Total AAA Securities at Amortized Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Super Senior (shorter duration tranches) | Super Senior (longest duration tranches) | Mezzanine | Junior | Other Senior | Other Subordinate | Other |  |
|  |  |  |  | (in | illions) |  |  |  |
| 2013 | \$2,445 | \$ 0 | \$0 | \$ 0 | \$ 0 | \$ 0 | \$0 | \$2,445 |
| 2012-2009 | 226 | 10 | 0 | 0 | 0 | 7 | 2 | 245 |
| 2008-2007 | 872 | 3 | 0 | 0 | 0 | 0 | 0 | 875 |
| 2006 | 1,298 | 1,693 | 0 | 0 | 27 | 0 | 0 | 3,018 |
| 2005 | 246 | 1,767 | 0 | 4 | 0 | 22 | 0 | 2,039 |
| 2004 \& Prior | 4 | 183 | 0 | 32 | 135 | 14 | 0 | 368 |
| Total | \$5,091 | \$3,656 | \$0 | \$36 | \$162 | \$43 | \$2 | \$8,990 |

The following tables set forth the amortized cost and fair value of our commercial mortgage-backed securities attributable to the Closed Block Business as of the dates indicated, by credit quality and by year of issuance (vintage).

Commercial Mortgage-Backed Securities at Amortized Cost—Closed Block Business

| Vintage | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating(1) |  |  |  |  | Total Amortized Cost |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | million |  |  |
| 2013 | \$ 942 | \$382 | \$0 | \$ 9 | \$0 | \$1,333 | \$ 0 |
| 2012-2009 | 334 | 118 | 0 | 0 | 0 | 452 | 846 |
| 2008-2007 | 323 | 42 | 0 | 1 | 5 | 371 | 553 |
| 2006 | 1,009 | 29 | 0 | 0 | 0 | 1,038 | 1,301 |
| 2005 | 684 | 26 | 0 | 0 | 0 | 710 | 1,091 |
| 2004 \& Prior | 48 | 4 | 0 | 4 | 0 | 56 | 238 |
| Total commercial mortgage-backed securities(2)(3) | \$3,340 | \$601 | \$0 | \$14 | \$5 | \$3,960 | \$4,029 |

(1) The table above provides ratings as assigned by nationally recognized rating agencies as of December 31, 2013, including Standard \& Poor's, Moody's, Fitch and Realpoint.
(2) Included in the table above, as of December 31, 2013, are downgraded super senior securities with amortized cost of $\$ 55$ million in AA.
(3) Included in the table above, as of December 31, 2013, are agency commercial mortgage-backed securities with amortized cost of \$20 million in AAA and $\$ 542$ million in AA.

## Commercial Mortgage-Backed Securities at Fair Value-Closed Block Business

| Vintage | December 31, 2013 |  |  |  |  |  | $\begin{gathered} \text { Total } \\ \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lowest Rating Agency Rating(1) |  |  |  |  | Total <br> Fair Value |  |
|  | AAA | AA | A | BBB | BB and below |  |  |
|  |  |  |  |  | n millions |  |  |
| 2013 | \$ 911 | \$375 | \$0 | \$ 8 | \$ 0 | \$1,294 | \$ 0 |
| 2012-2009 | 325 | 118 | 0 | 0 | 0 | 443 | 868 |
| 2008-2007 | 326 | 41 | 0 | 1 | 13 | 381 | 580 |
| 2006 | 1,032 | 30 | 0 | 0 | O | 1,062 | 1,375 |
| 2005 | 698 | 27 | 0 | , | 0 | 725 | 1,141 |
| 2004 \& Prior | 48 | 4 | 0 | 4 | 0 | 56 | 242 |
| Total commercial mortgage-backed securities(2) | \$3,340 | \$595 | \$0 | \$13 | \$13 | \$3,961 | \$4,206 |

(1) The table above provides ratings as assigned by nationally recognized rating agencies as of December 31, 2013, including Standard \& Poor's, Moody's, Fitch and Realpoint.
(2) Included in the table above, as of December 31, 2013, are agency commercial mortgage-backed securities with fair value of $\$ 18$ million in AAA and $\$ 534$ million in AA.

The following table sets forth the amortized cost of our AAA commercial mortgage-backed securities attributable to the Closed Block Business as of the dates indicated, by type and by year of issuance (vintage).

## AAA Rated Commercial Mortgage-Backed Securities—Amortized Cost by Type and Vintage—Closed Block Business

| Vintage | December 31, 2013 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Super Senior AAA Structures |  |  |  | Other AAA |  |  | Total AAA Securities at Amortized Cost |
|  | Super Senior (shorter duration tranches) | Super Senior (longest duration tranches) | Mezzanine | Junior | Other Senior | Other Subordinate | Other |  |
|  |  |  |  |  | illions) |  |  |  |
| 2013 | \$ 942 | \$ 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$ 942 |
| 2012-2009 | 314 | 0 | 0 | 0 | 0 | 0 | 0 | 314 |
| 2008-2007 | 323 | 0 | 0 | 0 | 0 | 0 | 0 | 323 |
| 2006 | 277 | 732 | 0 | 0 | 0 | 0 | 0 | 1,009 |
| 2005 | 354 | 330 | 0 | 0 | 0 | 0 | 0 | 684 |
| 2004 \& Prior | 30 | 10 | 0 | 0 | 8 | 0 | 0 | 48 |
| Total | $\overline{\$ 2,240}$ | $\overline{\$ 1,072}$ | \$0 | \$0 | \$8 | \$0 | \$0 | \$3,320 |

(1) Excluded from the table above, as of December 31, 2013, are agency commercial mortgage-backed securities with amortized cost of $\$ 20$ million.

## Fixed Maturity Securities Credit Quality

The Securities Valuation Office, or SVO, of the National Association of Insurance Commissioners, or NAIC, evaluates the investments of insurers for statutory reporting purposes and assigns fixed maturity securities to one of six categories called "NAIC Designations." In general, NAIC Designations of " 1 " highest quality, or " 2 " high quality, include fixed maturities considered investment grade, which include securities rated Baa3 or higher by Moody's or BBB- or higher by Standard \& Poor's. NAIC Designations of " 3 " through " 6 " generally include fixed maturities referred to as below investment grade, which include securities rated Bal or lower by Moody's and BB+ or lower by Standard \& Poor's. The NAIC Designations for commercial mortgage-backed securities and non-agency residential mortgage-backed securities, including our asset-backed securities collateralized by sub-prime mortgages, are based on security level expected losses as modeled by an independent third party (engaged by the NAIC) and the statutory carrying value of the security, including any purchase discounts or impairment charges previously recognized.

As a result of time lags between the funding of investments, the finalization of legal documents, and the completion of the SVO filing process, the fixed maturity portfolio generally includes securities that have not yet been rated by the SVO as of each balance sheet date. Pending receipt of SVO ratings, the categorization of these securities by NAIC Designation is based on the expected ratings indicated by internal analysis.

Investments of our international insurance companies are not subject to NAIC guidelines. Investments of our Japanese insurance operations are regulated locally by the Financial Services Agency, an agency of the Japanese government. The Financial Services Agency has its own investment quality criteria and risk control standards. Our Japanese insurance companies comply with the Financial Services Agency's credit quality review and risk monitoring guidelines. The credit quality ratings of the investments of our Japanese insurance companies are based on ratings assigned by nationally recognized credit rating agencies, including Moody's, Standard \& Poor's, or rating equivalents based on ratings assigned by Japanese credit ratings agencies.

The following table sets forth our fixed maturity portfolio by NAIC Designation attributable to the Financial Services Businesses as of the dates indicated.

## Fixed Maturity Securities—Financial Services Businesses

| (1)(2) | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NAIC Designation | Amortized Cost | Gross Unrealized Gains(3) | Gross Unrealized Losses(3)(4) | Fair Value | $\begin{gathered} \text { Amortized } \\ \text { Cost } \\ \hline \end{gathered}$ | Gross Unrealized Gains(3) | Gross Unrealized Losses(3)(4) | Fair Value |
|  |  |  |  | (in m | lions) |  |  |  |
| 1 | \$179,543 | \$15,520 | \$2,811 | \$192,252 | \$189,129 | \$16,564 | \$1,037 | \$204,656 |
| 2 | 42,659 | 3,563 | 938 | 45,284 | 42,424 | 3,688 | 656 | 45,456 |
| Subtotal High or Highest Quality Securities(5) | 222,202 | 19,083 | 3,749 | 237,536 | 231,553 | 20,252 | 1,693 | 250,112 |
| 3 | 6,321 | 412 | 152 | 6,581 | 6,086 | 301 | 233 | 6,154 |
| 4 | 2,058 | 191 | 51 | 2,198 | 1,982 | 133 | 129 | 1,986 |
| 5 | 322 | 31 | 16 | 337 | 650 | 27 | 74 | 603 |
| 6 | 213 | 31 | 4 | 240 | 186 | 39 | 17 | 208 |
| Subtotal Other Securities(6)(7) | 8,914 | 665 | 223 | 9,356 | 8,904 | 500 | 453 | 8,951 |
| Total Fixed Maturities | \$231,116 | \$19,748 | \$3,972 | \$246,892 | \$240,457 | \$20,752 | \$2,146 | \$259,063 |

(1) Reflects equivalent ratings for investments of the international insurance operations.
(2) Includes, as of December 31, 2013 and 2012, 306 securities with amortized cost of $\$ 806$ million (fair value, $\$ 831$ million) and 104 securities with amortized cost of $\$ 793$ million (fair value, $\$ 847$ million), respectively, that have been categorized based on expected NAIC Designations pending receipt of SVO ratings.
(3) Includes $\$ 265$ million of gross unrealized gains and $\$ 24$ million gross unrealized losses as of December 31, 2013, compared to $\$ 310$ million of gross unrealized gains and $\$ 67$ million of gross unrealized losses as of December 31, 2012, on securities classified as held-to-maturity.
(4) As of December 31, 2013, includes gross unrealized losses of $\$ 181$ million on public fixed maturities and $\$ 42$ million on private fixed maturities considered to be other than high or highest quality and, as of December 31, 2012, includes gross unrealized losses of $\$ 401$ million on public fixed maturities and $\$ 52$ million on private fixed maturities considered to be other than high or highest quality.
(5) On an amortized cost basis, as of December 31, 2013, includes $\$ 196,058$ million of public fixed maturities and $\$ 26,144$ million of private fixed maturities and, as of December 31, 2012, includes $\$ 206,966$ million of public fixed maturities and $\$ 24,587$ million of private fixed maturities.
(6) On an amortized cost basis, as of December 31, 2013, includes $\$ 5,710$ million of public fixed maturities and $\$ 3,204$ million of private fixed maturities and, as of December 31, 2012, includes $\$ 5,416$ million of public fixed maturities and $\$ 3,488$ million of private fixed maturities.
(7) On an amortized cost basis, as of December 31, 2013, securities considered below investment grade based on lowest of external rating agency ratings, totaled $\$ 10.5$ billion, or $5 \%$ of the total fixed maturities, and include securities considered high or highest quality by the NAIC based on the rules described above.

The following table sets forth our fixed maturity portfolio by NAIC Designation attributable to the Closed Block Business as of the dates indicated.

## Fixed Maturity Securities-Closed Block Business

| (1) | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses(2) | Fair Value | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses(2) | Fair Value |
|  |  |  |  | (in mi | lions) |  |  |  |
| 1 | \$23,521 | \$1,543 | \$307 | \$24,757 | \$23,197 | \$3,353 | \$114 | \$26,436 |
| 2 | 14,166 | 1,359 | 118 | 15,407 | 14,581 | 2,091 | 58 | 16,614 |
| Subtotal High or Highest Quality Securities(3) | 37,687 | 2,902 | 425 | 40,164 | 37,778 | 5,444 | 172 | 43,050 |
| $3{ }^{\text {a }}$ | 1,957 | 2,106 | 23 | 2,040 | 1,989 | -156 | 94 | 2,051 |
| 4 | 760 | 24 | 21 | 763 | 1,015 | 35 | 92 | 958 |
| 5 | 138 | 9 | 5 | 142 | 271 | 13 | 34 | 250 |
| 6 | 86 | 19 | 1 | 104 | 84 | 27 | 1 | 110 |
| Subtotal Other Securities(4)(5) | 2,941 | 158 | 50 | 3,049 | 3,359 | 231 | 221 | 3,369 |
| Total Fixed Maturities | \$40,628 | \$3,060 | \$475 | \$43,213 | \$41,137 | \$5,675 | $\overline{\$ 393}$ | \$46,419 |

(1) Includes, as of December 31, 2013 and 2012, 56 securities with amortized cost of $\$ 822$ million (fair value, $\$ 837$ million) and 51 securities with amortized cost of $\$ 885$ million (fair value, $\$ 941$ million), respectively, that have been categorized based on expected NAIC Designations pending receipt of SVO ratings.
(2) As of December 31, 2013, includes gross unrealized losses of $\$ 35$ million on public fixed maturities and $\$ 15$ million on private fixed maturities considered to be other than high or highest quality and, as of December 31, 2012, includes gross unrealized losses of $\$ 207$ million on public fixed maturities and $\$ 14$ million on private fixed maturities considered to be other than high or highest quality.
(3) On an amortized cost basis, as of December 31, 2013, includes $\$ 24,642$ million of public fixed maturities and $\$ 13,045$ million of private fixed maturities and, as of December 31, 2012, includes $\$ 23,884$ million of public fixed maturities and $\$ 13,894$ million of private fixed maturities.
(4) On an amortized cost basis, as of December 31, 2013, includes $\$ 1,407$ million of public fixed maturities and $\$ 1,534$ million of private fixed maturities and, as of December 31, 2012, includes $\$ 1,603$ million of public fixed maturities and $\$ 1,756$ million of private fixed maturities.
(5) On an amortized cost basis, as of December 31, 2013, securities considered below investment grade based on lowest of external rating agency ratings, totaled $\$ 4.2$ billion, or $10 \%$ of the total fixed maturities, and include securities considered high or highest quality by the NAIC based on the rules described above.

## Credit Derivative Exposure to Public Fixed Maturities

In addition to the credit exposure from public fixed maturities noted above, we sell credit derivatives to enhance the return on our investment portfolio by creating credit exposure similar to an investment in public fixed maturity cash instruments.

In a credit derivative, we may sell credit protection on an identified name or a broad based index, and in return receive a quarterly premium. This premium or credit spread generally corresponds to the difference between the yield on the reference names (or index underlying reference names) public fixed maturity cash instruments and swap rates at the time the agreement is executed.

The majority of the underlying reference names in single name and index credit derivatives where we have sold credit protection, as well as all the counterparties to these agreements, are investment grade credit quality and our credit derivatives have a remaining term to maturity of two years or less. Credit derivative contracts are recorded at fair value with changes in fair value, including the premium received, recorded in "Realized investment gains (losses), net." The premium received for the credit derivatives we sell attributable to the Financial Services Businesses was $\$ 3$ million for both the years ended December 31, 2013 and 2012, and is included in adjusted operating income as an adjustment to "Realized investment gains (losses), net."

As of December 31, 2013, the Financial Services Businesses had no outstanding sell protection credit derivatives. As of December 31, 2012, the Financial Services Businesses had $\$ 1,065$ million of outstanding notional amounts, reported at fair value as an asset of $\$ 2$ million, where we have sold credit protection through credit derivatives. These amounts exclude a credit derivative related to surplus notes issued by a subsidiary of Prudential Insurance. See Note 21 to the Consolidated Financial Statements for additional information regarding this derivative.

As of both December 31, 2013 and 2012, the Closed Block Business had $\$ 5$ million of outstanding notional amounts, respectively, each reported at fair value as an asset of less than $\$ 1$ million of exposure where we have sold credit protection through credit derivatives.

In addition to selling credit protection, we have purchased credit protection using credit derivatives in order to hedge specific credit exposures in our investment portfolio. As of December 31, 2013 and 2012, the Financial Services Businesses had $\$ 1.124$ billion and $\$ 1.370$ billion of outstanding notional amounts, reported at fair value as a liability of $\$ 33$ million and $\$ 27$ million, respectively. As of December 31, 2013 and 2012, the Closed Block Business had $\$ 275$ million and $\$ 309$ million of outstanding notional amounts, reported at fair value as a liability of $\$ 9$ million and $\$ 8$ million, respectively. The premium paid for the credit derivatives we purchase attributable to the Financial Services Businesses was $\$ 29$ million and $\$ 38$ million for the years ended December 31, 2013 and 2012, respectively, and is included in adjusted operating income as an adjustment to "Realized investment gains (losses), net." See Note 21 to the Consolidated Financial Statements for additional information regarding credit derivatives and an overall description of our derivative activities.

## Other-Than-Temporary Impairments of Fixed Maturity Securities

We maintain separate monitoring processes for public and private fixed maturities and create watch lists to highlight securities that require special scrutiny and management. Our public fixed maturity asset managers formally review all public fixed maturity holdings on a quarterly basis and more frequently when necessary to identify potential credit deterioration whether due to ratings downgrades, unexpected price variances, and/or company or industry specific concerns.

For private placements, our credit and portfolio management processes help ensure prudent controls over valuation and management. We have separate pricing and authorization processes to establish "checks and balances" for new investments. We apply consistent standards of credit analysis and due diligence for all transactions, whether they originate through our own in-house origination staff or through agents. Our regional offices closely monitor the portfolios in their regions. We set all valuation standards centrally, and we assess the fair value of all investments quarterly. Our private fixed maturity asset managers formally review all private fixed maturity holdings on a quarterly basis and more frequently when necessary to identify potential credit deterioration whether due to ratings downgrades, unexpected price variances, and/or company or industry specific concerns. For additional information regarding our policies regarding other-than-temporary impairments for fixed maturity securities, see Note 2 to the Consolidated Financial Statements.

Other-than-temporary impairments of general account fixed maturity securities attributable to the Financial Services Businesses that were recognized in earnings were $\$ 150$ million and $\$ 253$ million for the years ended December 31, 2013 and 2012, respectively. Included in the other-than-temporary impairments of general account fixed maturities attributable to the Financial Services Businesses for the years ended December 31, 2013 and 2012, were $\$ 35$ million and $\$ 56$ million, respectively, of other-than-temporary impairments on asset-backed securities collateralized by sub-prime mortgages.

Other-than-temporary impairments of fixed maturity securities attributable to the Closed Block Business that were recognized in earnings were $\$ 49$ million and $\$ 74$ million for the years ended December 31, 2013 and 2012, respectively. Included in the other-thantemporary impairments of fixed maturities attributable to the Closed Block Business for the years ended December 31, 2013 and 2012, were $\$ 19$ million and $\$ 40$ million, respectively, of other-than-temporary impairments on asset-backed securities collateralized by sub-prime mortgages. For a further discussion of other-than-temporary impairments, see "-Realized Investment Gains and Losses" above.

## Trading Account Assets Supporting Insurance Liabilities

Certain products included in the Retirement and International Insurance segments are experience-rated, meaning that we expect the investment results associated with these products will ultimately accrue to contractholders. The investments supporting these experiencerated products, excluding commercial mortgage and other loans, are primarily classified as trading and are reflected on the balance sheet as "Trading account assets supporting insurance liabilities, at fair value." Realized and unrealized gains and losses for these investments are reported in "Asset management fees and other income," and excluded from adjusted operating income. Investment income for these investments is reported in "Net investment income," and is included in adjusted operating income.

The following table sets forth the composition of this portfolio as of the dates indicated.

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair Value |
| Short-term investments and cash equivalents | \$ 697 | $\operatorname{linm}_{\$ 97}$ | (ions) 938 | \$ 938 |
| Fixed maturities: ${ }^{\text {Corporate securities }}$ |  |  |  |  |
| Corporate securities - - ${ }^{\text {cocked }}$ - | 12,417 | 12,646 | 11,076 | 12,229 |
| Residential mortgage-backed securities | 1,857 | 1,830 | 1,965 | 2,026 |
| Asset-backed securities.............. | 1,096 | 1,107 | 1,179 | 1,116 |
|  | 579 303 | 396 | 683 369 | 708 |
| Total fixed maturities | 18,361 | 18,931 | 17,368 | 18,612 |
| Equity securities | 913 | 1,199 | 943 | 1,040 |
| Total trading account assets supporting insurance liabilities | \$19,971 | \$20,827 | \$19,249 | \$20,590 |

As a percentage of amortized cost, $77 \%$ and $75 \%$ of the portfolio was publicly traded as of December 31, 2013 and 2012, respectively. As of both December 31, 2013 and 2012, $93 \%$ of the fixed maturity portfolio was considered high or highest quality based on NAIC or equivalent rating. As of December 31, 2013, $\$ 1.792$ billion of the residential mortgage-backed securities were publicly traded agency passthrough securities, which are supported by implicit or explicit government guarantees, of which $99 \%$ have credit ratings of A or higher. Collateralized mortgage obligations, including approximately $\$ 53$ million secured by "ALT-A" mortgages, represented the remaining $\$ 65$ million of residential mortgage-backed securities, of which $37 \%$ have credit ratings of A or better and $63 \%$ are BBB and below. For a discussion of changes in the fair value of our trading account assets supporting insurance liabilities, see "-Experience-Rated Contractholder Liabilities, Trading Account Assets Supporting Insurance Liabilities and Other Related Investments" above.

## Other Trading Account Assets

Other trading account assets consist primarily of certain financial instruments that contain an embedded derivative where we elected to classify the entire instrument as a trading account asset rather than bifurcate. These instruments are carried at fair value, with realized and unrealized gains and losses reported in "Asset management fees and other income," and excluded from adjusted operating income. Interest and dividend income from these investments is reported in "Net investment income," and is included in adjusted operating income.

The following table sets forth the composition of our other trading account assets as of the dates indicated.

|  | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  | Financial Services Businesses |  | Closed Block Business |  |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair <br> Value | Amortized Cost | $\begin{aligned} & \hline \text { Fair } \\ & \text { Value } \end{aligned}$ | Amortized Cost | Fair <br> Value |
|  |  |  |  |  | illions) |  |  |  |
| Short-term investments and cash equivalents | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 1 | \$ | \$ 0 | \$ 0 |
| Fixed maturities | 576 | 612 | 166 | 185 | 533 | 452 | 127 | 139 |
| Equity securities(1) | 646 | 729 | 138 | 157 | 933 | 973 | 123 | 136 |
| Total other trading account assets | \$1,222 | \$1,341 | \$304 | \$342 | \$1,467 | \$1,426 | \$250 | \$275 |

(1) Included in equity securities are perpetual preferred stock securities that have characteristics of both debt and equity securities.

Included in the $\$ 576$ million of fixed maturities attributable to the Financial Services Businesses as of December 31, 2013, on an amortized cost basis, are $\$ 165$ million of asset-backed securities, $62 \%$ of which have credit ratings of A or above, $20 \%$ have BBB credit ratings, and the remaining $18 \%$ have BB and below credit ratings. Included in the $\$ 166$ million of fixed maturities attributable to the Closed Block Business as of December 31, 2013, on an amortized cost basis, are $\$ 9$ million of asset-backed securities, all of which have credit ratings of A or above.

## Commercial Mortgage and Other Loans

## Investment Mix

As of December 31, 2013 and 2012, respectively, we held approximately $10 \%$ and $9 \%$ of our general account investments in commercial mortgage and other loans. This percentage is net of a $\$ 212$ million and $\$ 244$ million allowance for losses as of December 31, 2013 and 2012, respectively.

The following table sets forth the composition of our commercial mortgage and other loans portfolio, before the allowance for losses, as of the dates indicated.

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed Block Business | Financial Services Businesses | Closed Block Business |
|  | (in millions) |  |  |  |
| Commercial and agricultural mortgage loans | \$29,164 | \$9,677 | \$24,139 | \$9,666 |
| Uncollateralized loans | 1,259 | 44 | 1,833 | 0 |
| Residential property loans | 544 | 0 | 790 | 0 |
| Other collateralized loans | 330 | 0 | 47 | 0 |
| Total commercial mortgage and other loa | \$31,297 | \$9,721 | \$26,809 | \$9,666 |

(1) Excluded from the table above are commercial mortgage loans held outside the general account in other entities and operations. For additional information regarding commercial mortgage loans held outside the general account, see "-Invested Assets of Other Entities and Operations" below.

We originate commercial and agricultural mortgage loans using a dedicated investment staff and a network of independent companies through our various regional offices. All loans are underwritten consistently to our standards using a proprietary quality rating system that has been developed from our experience in real estate and mortgage lending.

Uncollateralized loans primarily represent reverse dual currency loans and corporate loans which do not meet the definition of a security under authoritative accounting guidance.

Residential property loans primarily include Japanese recourse loans. Upon default of these recourse loans we can make a claim against the personal assets of the property owner, in addition to the mortgaged property. These loans are also backed by third party guarantors.

Other collateralized loans attributable to the Financial Services Businesses primarily include collateralized structured loans and consumer loans.

## Composition of Commercial and Agricultural Mortgage Loans

The commercial real estate market was severely impacted by the financial crisis and the subsequent recession, though the flow of capital to commercial real estate has been strong since 2010. Portfolio lenders have been actively originating loans, focusing primarily on higher quality properties in major markets, resulting in an increase in the liquidity and availability of capital in the commercial mortgage loan market. For most property types, the market fundamentals are stable or improving. In addition, the commercial banks are active and there has been increased loan origination activity by securitization lenders as commercial mortgage market spreads have generally tightened. These conditions have led to greater competition for portfolio lenders such as our general account, though underwriting remains conservative. Commercial real estate fundamentals continue to improve while employment growth has been modest, and delinquency rates on our commercial mortgage loans remain low, from an historic standpoint, and are stable. For additional information, see "-Realized Investment Gains and Losses" above.

Our commercial and agricultural mortgage loan portfolio strategy emphasizes diversification by property type and geographic location. The following tables set forth the breakdown of the gross carrying values of our general account investments in commercial and agricultural mortgage loans by geographic region and property type as of the dates indicated.

|  | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  | Financial Services Businesses |  | Closed Block Business |  |
|  | Gross Carrying Value | $\begin{aligned} & \% \text { of } \\ & \text { Total } \end{aligned}$ | Gross Carrying Value | $\begin{aligned} & \% \text { of } \\ & \text { Total } \end{aligned}$ | Gross Carrying Value | $\begin{aligned} & \% \text { of } \\ & \text { Total } \end{aligned}$ | Gross Carrying Value | $\begin{aligned} & \% \text { of } \\ & \text { Total } \end{aligned}$ |
| Commercial and agricultural mortgage loans by region: |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Pacific | \$ 9,089 | 31.1\% | \$3,230 | 33.4\% | \$ 7,600 | 31.5\% | \$3,423 | 35.4\% |
| South Atlantic | 5,671 | 19.4 | 1,711 | 17.7 | 4,846 | 20.1 | 1,814 | 18.8 |
| Middle Atlantic | 3,855 | 13.3 | 1,924 | 19.9 | 3,706 | 15.3 | 2,050 | 21.2 |
| East North Central | 2,678 | 9.2 | 725 | 7.4 | 2,000 | 8.3 | 570 | 5.9 |
| West South Central | 2,828 | 9.7 | 823 | 8.6 | 2,220 | 9.2 | 730 | 7.6 |
| Mountain | 1,448 | 5.0 | 278 | 2.9 | 1,254 | 5.2 | 350 | 3.6 |
| New England | 1,026 | 3.5 | 412 | 4.2 | 638 | 2.6 | 323 | 3.3 |
| West North Central | 555 | 1.9 | 104 | 1.1 | 466 | 1.9 | 137 | 1.4 |
| East South Central | 296 | 1.0 | 137 | 1.4 | 305 | 1.3 | 142 | 1.5 |
| Subtotal-U.S. | 27,446 | 94.1 | 9,344 | 96.6 | 23,035 | 95.4 | 9,539 | 98.7 |
| Asia | 723 | 2.5 | 0 | 0.0 | 648 | 2.7 | 0 | 0.0 |
| Other | 995 | 3.4 | 333 | 3.4 | 456 | 1.9 | 127 | 1.3 |
| Total commercial and agricultural mortgage loans | \$29,164 | 100.0\% | \$9,677 | 100.0\% | \$24,139 | 100.0\% | \$9,666 | 100.0\% |


|  | December 31, 2013 |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  | Financial Services Businesses |  | Closed Block Business |  |
|  | $\begin{gathered} \hline \text { Gross } \\ \text { Carrying } \\ \text { Value } \end{gathered}$ | \% of Total | Gross Carrying Value | $\begin{aligned} & \text { \% of } \\ & \text { Total } \end{aligned}$ | Gross Carrying Value | \% of Total | Gross Carrying Value | \% of Total |
| Commercial and agricultural mortgage loans by property type: (\$ in milions) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Industrial | \$ 5,778 | 19.8\% | \$1,612 | 16.7\% | \$ 5,832 | 24.1\% | \$1,804 | 18.7\% |
| Retail | 6,085 | 20.9 | 2,612 | 27.0 | 5,449 | 22.6 | 2,658 | 27.5 |
| Office | 5,389 | 18.5 | 2,359 | 24.4 | 4,459 | 18.5 | 2,363 | 24.4 |
| Apartments/Multi-Family | 6,031 | 20.7 | 1,287 | 13.3 | 3,879 | 16.1 | 1,159 | 12.0 |
| Other | 2,806 | 9.6 | 653 | 6.7 | 2,203 | 9.1 | 598 | 6.2 |
| Agricultural properties | 1,598 | 5.4 | 585 | 6.0 | 1,468 | 6.1 | 645 | 6.7 |
| Hospitality ......... | 1,477 | 5.1 | 569 | 5.9 | 849 | 3.5 | 439 | 4.5 |
| Total commercial and agricultural mortgage loans | \$29,164 | 100.0\% | \$9,677 | 100.0\% | \$24,139 | 100.0\% | \$9,666 | 100.0\% |

Loan-to-value and debt service coverage ratios are measures commonly used to assess the quality of commercial and agricultural mortgage loans. The loan-to-value ratio compares the amount of the loan to the fair value of the underlying property collateralizing the loan, and is commonly expressed as a percentage. Loan-to-value ratios greater than $100 \%$ indicate that the loan amount is greater than the collateral value. A smaller loan-to-value ratio indicates a greater excess of collateral value over the loan amount. The debt service coverage ratio compares a property's net operating income to its debt service payments. Debt service coverage ratios less than 1.0 times indicate that property operations do not generate enough income to cover the loan's current debt payments. A larger debt service coverage ratio indicates a greater excess of net operating income over the debt service payments.

As of December 31, 2013, our general account investments in commercial and agricultural mortgage loans attributable to the Financial Services Businesses had a weighted average debt service coverage ratio of 2.22 times, and a weighted average loan-to-value ratio of $57 \%$. As of December 31, 2013, approximately $96 \%$ of commercial and agricultural mortgage loans attributable to the Financial Services Businesses were fixed rate loans. As of December 31, 2013, our general account investments in commercial and agricultural mortgage loans attributable to the Closed Block Business had a weighted average debt service coverage ratio of 2.09 times, and a weighted average loan-to-value ratio of $52 \%$. As of December 31, 2013, approximately all of the commercial and agricultural mortgage loans attributable to the Closed Block Business were fixed rate loans. For those general account commercial and agricultural mortgage loans attributable to the Financial Services Businesses that were originated in 2013, the weighted average debt service coverage ratio was 2.49 times and the weighted average loan-to-value ratio was $61 \%$.

The values utilized in calculating these loan-to-value ratios are developed as part of our periodic review of the commercial and agricultural mortgage loan portfolio, which includes an internal evaluation of the underlying collateral value. Our periodic review also includes a quality re-
rating process, whereby we update the internal quality rating originally assigned at underwriting based on the proprietary quality rating system mentioned above. As discussed below, the internal quality rating is a key input in determining our allowance for loan losses.

For loans with collateral under construction, renovation or lease-up, a stabilized value and projected net operating income are used in the calculation of the loan-to-value and debt service coverage ratios. Our commercial and agricultural mortgage loan portfolio attributable to the Financial Services Businesses included approximately $\$ 0.7$ billion and $\$ 0.5$ billion of such loans as of December 31, 2013 and 2012, respectively, and our commercial and agricultural mortgage loan portfolio attributable to the Closed Block Business included approximately $\$ 0.1$ billion of such loans as of both December 31, 2013 and 2012, respectively. All else being equal, these loans are inherently more risky than those collateralized by properties that have already stabilized; however, improvement in the general risk profile of our overall commercial mortgage loan portfolio has enabled us to pursue incremental volume in this area. As of December 31, 2013, there are no loanspecific reserves related to these loans attributable to either the Financial Services Businesses or the Closed Block Business. In addition, these pre-stabilized loans are included in the calculation of our portfolio reserve as discussed below. For information regarding similar loans we hold as part of our commercial and agricultural mortgage operations, see "-Invested Assets of Other Entities and Operations" below.

The following tables set forth the gross carrying value of our general account investments in commercial and agricultural mortgage loans attributable to the Financial Services Businesses and the Closed Block Business as of the dates indicated by loan-to-value and debt service coverage ratios.

## Commercial and Agricultural Mortgage Loans by Loan-to-Value and Debt Service Coverage Ratios-Financial Services Businesses

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Debt Service Coverage Ratio |  |  |  |
|  | $\begin{aligned} & \text { Greater } \\ & \text { than } \\ & 1.2 x \end{aligned}$ | $\begin{gathered} 1.0 x \\ \text { to } \\ <1.2 x \end{gathered}$ | Less than 1.0x | Total Commercial and Agricultural Mortgage Loans |
| Loan-to-Value Ratio | (in millions) |  |  |  |
| 0\%-59.99\% | \$15,202 | \$ 536 | \$144 | \$15,882 |
| 60\%-69.99\% | 8,645 | 308 | 68 | 9,021 |
| 70\%-79.99\% | 3,176 | 310 | 188 | 3,674 |
| Greater than 80\% | 234 | 129 | 224 | 587 |
| Total commercial | \$27,257 | \$1,283 | \$624 | \$29,164 |

## Commercial and Agricultural Mortgage Loans by Loan-to-Value and Debt Service Coverage Ratios-Closed Block Business

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Debt Service Coverage Ratio |  |  |  |
|  | $\begin{aligned} & \text { Greater } \\ & \text { than } \\ & 1.2 \mathrm{x} \end{aligned}$ | $\begin{gathered} 1.0 \mathrm{x} \\ \text { to } \\ <1.2 \mathrm{x} \end{gathered}$ | Less than 1.0x | Total Commercial and Agricultural Mortgage Loans |
| Loan-to-Value Ratio | (in millions) |  |  |  |
| 0\%-59.99\% | \$5,905 | \$198 | \$ 34 | \$6,137 |
| 60\%-69.99\% | 2,471 | 71 | 27 | 2,569 |
| 70\%-79.99\% | 674 | 112 | 29 | 815 |
| Greater than $80 \%$ | 78 | 30 | 48 | 156 |
| Total commercial and agricultural mortgage loans | \$9,128 | \$411 | \$138 | \$9,677 |

The following table sets forth the breakdown of our commercial and agricultural mortgage loans by year of origination as of December 31, 2013.

| $\underline{\text { Year of Origination }}$ | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  |
|  | Gross Carrying Value | \% of Total | Gross Carrying Value | \% of Total |
|  |  | (\$ in mill |  |  |
| 2013 | \$ 8,809 | $30.2 \%$ | \$1,502 | 15.5\% |
| 2012 | 4,732 | 16.2 | 1,817 | 18.8 |
| 2011 | 4,711 | 16.2 | 1,406 | 14.5 |
| 2010 | 2,813 | 9.6 | 1,020 | 10.5 |
| 2009 | 856 | 2.9 | 335 | 3.5 |
| 2008 | 1,573 | 5.4 | 545 | 5.6 |
| 2007 \& Prior | 5,670 | 19.5 | 3,052 | 31.5 |
| Total commercia | \$29,164 | 100.0\% | \$9,677 | 100.0\% |

## Commercial Mortgage and Other Loans by Contractual Maturity Date

The following table sets forth the breakdown of our commercial mortgage and other loan portfolio by contractual maturity as of December 31, 2013.

|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses |  | Closed Block Business |  |
|  | Amortized Cost | \% of Total | Amortized Cost | \% of Total |
|  | (\$ in millions) |  |  |  |
| Vintage |  |  |  |  |
| Maturing in 2014 | \$ 712 | 2.4\% | \$ 352 | 3.6\% |
| Maturing in 2015 | 2,057 | 6.6 | 510 | 5.3 |
| Maturing in 2016 | 3,479 | 11.1 | 888 | 9.1 |
| Maturing in 2017 | 2,728 | 8.7 | 673 | 6.9 |
| Maturing in 2018 | 4,385 | 14.0 | 1,254 | 12.9 |
| Maturing in 2019 | 2,142 | 6.8 | 609 | 6.3 |
| Maturing in 2020 | 3,393 | 10.8 | 1,050 | 10.8 |
| Maturing in 2021 | 2,554 | 8.2 | 971 | 10.0 |
| Maturing in 2022 | 1,916 | 6.1 | 983 | 10.1 |
| Maturing in 2023 | 2,411 | 7.7 | 682 | 7.0 |
| Maturing in 2024 | 661 | 2.1 | 334 | 3.4 |
| Maturing in 2025 and beyond | 4,859 | 15.5 | 1,415 | 14.6 |
| Total commercial mortgage and other loans | \$31,297 | 100.0\% | \$9,721 | 100.0\% |

## Commercial Mortgage and Other Loan Quality

Ongoing review of the portfolio is performed and loans are placed on watch list status based on a predefined set of criteria, where they are assigned to one of the following categories. We place loans on early warning status in cases where, based on our analysis of the loan's collateral, the financial situation of the borrower or tenants or other market factors, we believe a loss of principal or interest could occur. We classify loans as closely monitored when we determine there is a collateral deficiency or other credit events that may lead to a potential loss of principal or interest. Loans not in good standing are those loans where we have concluded that there is a high probability of loss of principal, such as when the loan is in the process of foreclosure or the borrower is in bankruptcy. In our domestic operations, our workout and special servicing professionals manage the loans on the watch list. As described below, in determining our allowance for losses we evaluate each loan on the watch list to determine if it is probable that amounts due according to the contractual terms of the loan agreement will not be collected. In our international portfolios, we monitor delinquency in consumer loans on a pool basis and evaluate any servicing relationship and guarantees the same way we do for commercial mortgage loans.

We establish an allowance for losses to provide for the risk of credit losses inherent in the lending process. The allowance includes loan specific reserves for loans that are determined to be impaired as a result of our loan review process, and a portfolio reserve for probable incurred but not specifically identified losses for loans which are not on the watch list. We define an impaired loan as a loan for which we estimate it is probable that amounts due according to the contractual terms of the loan agreement will not be collected. The loan specific portion of the loss allowance is based on our assessment as to ultimate collectability of loan principal and interest. Valuation allowances for an impaired loan are recorded based on the present value of expected future cash flows discounted at the loan's effective interest rate or based on the fair value of the collateral if the loan is collateral dependent. The portfolio reserve for incurred but not specifically identified losses considers the current credit composition of the portfolio based on the internal quality ratings mentioned above. The portfolio reserves are determined using past loan experience, including historical credit migration, loss probability, and loss severity factors by property type. These factors are reviewed and updated as appropriate. The valuation allowance for commercial mortgage and other loans can increase or decrease from period to period based on these factors.

Our general account investments in commercial mortgage and other loans attributable to the Financial Services Businesses, based upon the recorded investment gross of allowance for credit losses, was $\$ 31,297$ million and $\$ 26,809$ million as of December 31, 2013 and 2012, respectively. As a percentage of recorded investment gross of allowance, $99 \%$ of the assets were current for both periods.

Our general account investments in commercial mortgage and other loans attributable to the Closed Block Business, based upon the recorded investment gross of allowance for credit losses, was $\$ 9,721$ million and $\$ 9,666$ million as of December 31, 2013 and 2012, respectively. As a percentage of recorded investment gross of allowance, more than $99 \%$ of the assets were current for both periods.

The following table sets forth the change in valuation allowances for our commercial mortgage and other loan portfolio as of the dates indicated:

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed Block <br> Business | Financial Services Businesses | Closed Block Business |
|  | (in millions) |  |  |  |
| Allowance, beginning of year | \$186 | \$58 | \$250 | \$60 |
| Addition to/(release of) allowance for losses | 10 | (7) | (11) | (2) |
| Charge-offs, net of recoveries | (27) | (3) | (51) | 0 |
| Change in foreign exchange | (5) | 0 | (2) | 0 |
| Allowance, end of period | \$164 | \$48 | \$186 | \$58 |
| Loan specific reserve | \$ 11 | \$ 3 | \$ 41 | \$ 7 |
| Portfolio reserve | \$153 | \$45 | \$145 | \$51 |

## Equity Securities

## Investment Mix

The equity securities attributable to the Financial Services Businesses consist principally of investments in common and preferred stock of publicly-traded companies, as well as mutual fund shares. The following table sets forth the composition of our equity securities portfolio attributable to the Financial Services Businesses and the associated gross unrealized gains and losses as of the dates indicated.

## Equity Securities-Financial Services Businesses

|  | December 31, 2013 |  |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost |  | Gross realized Gains | $\begin{gathered} \hline \text { Gross } \\ \text { Unrealized } \\ \text { Losses } \end{gathered}$ | Fair Value | Cost | $\begin{gathered} \text { Gross } \\ \text { Unrealized } \\ \text { Gains } \end{gathered}$ | $\begin{gathered} \text { Gross } \\ \text { Unrealized } \\ \text { Losses } \end{gathered}$ | $\begin{gathered} \text { Fair } \\ \text { Value } \end{gathered}$ |
|  | (in millions) |  |  |  |  |  |  |  |  |
| Non-redeemable preferred stocks | \$ 32 |  | 4 | \$ 1 | \$ 35 | \$ 15 | \$ 2 | \$ 0 | \$ 17 |
| Mutual fund common stocks(1) | 2,245 |  | 562 | 8 | 2,799 | 1,874 | 516 | 0 | 2,390 |
| Other common stocks | 2,277 |  | 920 | 12 | 3,185 | 2,392 | 274 | 42 | 2,624 |
| Total equity securities(2) | \$4,554 |  | 1,486 | \$21 | \$6,019 | \$4,281 | \$792 | \$42 | \$5,031 |

(1) Includes mutual fund shares representing our interest in the underlying assets of certain of our separate account investments supporting corporate-owned life insurance. These mutual funds invest primarily in high yield bonds.
(2) Amounts presented exclude hedge funds and other alternative investments which are reported in "Other long-term investments."

The following table sets forth the composition of our equity securities portfolio attributable to the Closed Block Business and the associated gross unrealized gains and losses as of the dates indicated.

## Equity Securities-Closed Block Business

|  | December 31, 2013 |  |  |  |  | December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost | $\begin{array}{r} \mathbf{G} \\ \mathbf{U n r} \\ \mathbf{G} \end{array}$ | Gross realized Gains | Gross Unrealized Losses | Fair Value | Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
|  | (in millions) |  |  |  |  |  |  |  |  |
| Non-redeemable preferred stocks | \$ 1 | \$ | \$ 1 | \$0 | \$ 2 | \$ 10 | \$ 2 | \$ 0 | \$ 12 |
| Mutual fund common stocks | 8 |  | 6 | 0 | 14 | 0 | 0 | 0 | 0 |
| Common stocks | 2,433 |  | 1,443 | 8 | 3,868 | 2,447 | 779 | 13 | 3,213 |
| Total equity securities | \$2,442 |  | \$1,450 | \$8 | \$3,884 | \$2,457 | \$781 | \$13 | \$3,225 |

## Other-Than-Temporary Impairments of Equity Securities

For those equity securities classified as available-for-sale, we record unrealized gains and losses to the extent cost is different from estimated fair value. All securities with unrealized losses are subject to our review to identify other-than-temporary impairments in value. For additional information regarding our policies regarding other-than-temporary impairments for equity securities see Note 2 to the Consolidated Financial Statements.

Impairments of equity securities attributable to the Financial Services Businesses were $\$ 12$ million and $\$ 104$ million for the years ended December 31, 2013 and 2012, respectively. Impairments of equity securities attributable to the Closed Block Business were $\$ 3$ million and $\$ 21$ million for years ended December 31, 2013 and 2012, respectively. For a further discussion of impairments, see "-Realized Investment Gains and Losses" above.

## Other Long-Term Investments

The following table sets forth the composition of "Other long-term investments," which primarily consists of investments in joint ventures and limited partnerships, other than operating joint ventures, as well as wholly-owned investment real estate and other investments, as of the dates indicated.

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed <br> Block <br> Business | Financial Services Businesses | Closed <br> Block <br> Business |
|  | (in millions) |  |  |  |
| Joint ventures and limited partnerships: |  |  |  |  |
| Real estate-related | \$ 277 | \$ 481 | \$ 320 | \$ 504 |
| Non-real estate-related | 4,141 | 1,863 | 3,861 | 1,538 |
| Real estate held through direct ownership(1) | 1,559 | 0 | 1,602 | 0 |
| Other(2) | 1,195 | (320) | 882 | (30) |
| Total other long-term investments | \$7,172 | \$2,024 | \$6,665 | \$2,012 |

(1) Primarily includes investments in office buildings within our Japanese insurance operations.
(2) Primarily includes derivatives and member and activity stock held in the Federal Home Loan Banks of New York and Boston. For additional information regarding our holdings in the Federal Home Loan Banks of New York and Boston, see Note 14 to the Consolidated Financial Statements.

## Invested Assets of Other Entities and Operations

"Invested Assets of Other Entities and Operations" includes investments held outside the general account and primarily represents investments associated with our asset management and derivative operations. Our derivative operation acts on behalf of affiliates primarily to manage interest rate, foreign currency, credit, and equity exposures. Assets within our asset management operations managed for third parties and those assets classified as "Separate account assets" on our balance sheet are not included.

The following table sets forth the composition of investments held outside the general account, based on the parameters described above, as of the dates indicated.

|  | December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Fixed maturities: |  |  |
| Public, available-for-sale, at fair value | \$ 242 | \$ 272 |
| Private, available-for-sale, at fair value | 73 | 93 |
| Other trading account assets, at fair value(1) | 4,770 | 4,627 |
| Equity securities, available-for-sale, at fair value | 7 | 21 |
| Commercial mortgage and other loans, at book value(2) | 202 | 502 |
| Other long-term investments | 1,132 | 1,351 |
| Short-term investments | 392 | 62 |
| Total investments | \$6,818 | \$6,928 |

(1) Primarily related to assets associated with consolidated variable interest entities for which the Company is the investment manager as well as our derivative operation used to manage interest rate, foreign currency, credit and equity exposures. For further information on these consolidated variable interest entities, see Note 5 to the Consolidated Financial Statements.
(2) Book value is generally based on unpaid principal balance net of any allowance for losses, the lower of cost or fair value, or fair value, depending on the loan.

## Commercial Mortgage and Other Loans

Our asset management operations include our commercial mortgage operations, which provide mortgage origination, asset management and servicing for our general account, institutional clients, and government sponsored entities such as Fannie Mae, the Federal Housing Administration, and Freddie Mac.

We also carry shorter-term interim loans for spread lending that are collateralized by assets generally under renovation or lease up. All else being equal, these interim loans are inherently more risky than those collateralized by properties that have already stabilized. Our interim loans are generally paid off through refinancing or the sale of the underlying collateral by the borrower.

The following table sets forth information regarding the interim loan portfolio held outside the general account in other entities and operations as of the dates indicated.

|  | December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (\$ in millions) |  |
| Interim Loan Portfolio: |  |  |
| Principal balance of loans outstanding |  | \$ 239 |
| Allowance for credit or valuation-related losses | \$ 2 | \$ 14 |
| Weighted average loan-to-value ratio(1) | 95\% | 91\% |
| Weighted average debt service coverage ratio(1) | 1.12 | 1.25 |

(1) A stabilized value and projected net operating income are used in the calculation of the loan-to-value and debt service coverage ratios.

As of December 31, 2013, we hold no commercial real estate held-for-sale related to foreclosed interim loans. The mortgage loans of our commercial mortgage operations are included in "Commercial mortgage and other loans," with related derivatives and other hedging instruments primarily included in "Other trading account assets" and "Other long-term investments."

## Other Long-Term Investments

Other long-term investments primarily include strategic investments made as part of our asset management operations. We make these strategic investments in real estate, as well as fixed income, public equity and real estate securities, including controlling interests. Certain of these investments are made primarily for purposes of co-investment in our managed funds and structured products. Other strategic investments are made with the intention to sell or syndicate to investors, including our general account, or for placement in funds and structured products that we offer and manage (seed investments). As part of our asset management operations, we also make loans to our managed funds that are secured by equity commitments from investors or assets of the funds. Other long-term investments also include certain assets in consolidated investment funds where the company is deemed to exercise control over these funds.

## Liquidity and Capital Resources

## Overview

Liquidity refers to the ability to generate sufficient cash resources to meet the payment obligations of the Company. Capital refers to the long term financial resources available to support the operations of our businesses, fund business growth, and provide a cushion to withstand adverse circumstances. Our ability to generate and maintain sufficient liquidity and capital depends on the profitability of our businesses, general economic conditions and our access to the capital markets and the alternate sources of liquidity and capital described herein.

Effective and prudent liquidity and capital management is a priority across the organization. Management monitors the liquidity of Prudential Financial and its subsidiaries on a daily basis and projects borrowing and capital needs over a multi-year time horizon through our quarterly planning process. We believe that cash flows from the sources of funds available to us are sufficient to satisfy the current liquidity
requirements of Prudential Financial and its subsidiaries, including under reasonably foreseeable stress scenarios. We have a capital management framework in place that governs the allocation of capital and approval of capital uses, and we forecast capital sources and uses on a quarterly basis. We also employ a "Capital Protection Framework" to ensure the availability of capital resources to maintain adequate capitalization on a consolidated basis and competitive risk-based capital ratios and solvency margins for our insurance subsidiaries under various stress scenarios.

On September 19, 2013, the Financial Stability Oversight Council made a final determination that Prudential Financial is a "Designated Financial Company" under the Dodd-Frank Act. As a Designated Financial Company, Prudential Financial is now subject to supervision and examination by the Federal Reserve Bank of Boston and to stricter prudential regulatory standards, which include or will include requirements and limitations (some of which are the subject of ongoing rule-making) relating to risk-based capital, leverage, liquidity, stress-testing, overall risk management, resolution plans, early remediation; and may also include additional standards regarding capital, public disclosure, short-term debt limits, and other related subjects. In addition, on July 18, 2013, the Financial Stability Board, consisting of representatives of national financial authorities of the G20 nations, identified the Company as a global systemically important insurer. See "-Executive Summary-Regulatory Developments" above, as well as "Business-Regulation" and "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K for information on these recent actions and their impact.

During 2013, we took the following significant actions that impacted our liquidity and capital position:

- We repositioned Prudential Financial's capital structure through a $\$ 1.1$ billion net reduction in senior notes outstanding and a $\$ 0.3$ billion net increase in junior subordinated notes outstanding;
- We repurchased $\$ 750$ million of shares of our Common Stock and declared aggregate Common Stock dividends of $\$ 810$ million;
- We made an investment in our Individual Life business through our acquisition of the Hartford Life Business;
- We augmented our alternative sources of liquidity by entering into a put option agreement giving Prudential Financial the right to issue up to $\$ 1.5$ billion of senior notes due November 2023 to a trust entity at any time over a ten-year period in return for principal and interest strips of U.S. Treasury securities;
- We obtained an additional $\$ 2.5$ billion of capacity for the financing of non-economic reserves required to be held by our domestic insurance subsidiaries under Regulation XXX and Guideline AXXX; and
- We extended the expiration dates of our three-year and five-year syndicated credit facilities to November 2016 and November 2018, respectively.


## Capital

Our capital management framework is primarily based on statutory risk-based capital and solvency margin measures. Due to our diverse mix of businesses and applicable regulatory requirements, we apply certain refinements to the framework that are designed to more appropriately reflect risks associated with our businesses on a consistent basis across the Company.

We seek to capitalize all of our subsidiaries and businesses in accordance with their ratings targets, and we believe Prudential Financial's capitalization and use of financial leverage are consistent with those ratings targets. Our long-term senior debt rating targets for Prudential Financial are "A" for Standard \& Poor's Rating Services, or S\&P, Moody's Investors Service, Inc., or Moody's, and Fitch Ratings Ltd., or Fitch, and "a" for A.M. Best Company, or A.M. Best. Our financial strength rating targets for our life insurance companies are "AA/Aa/AA" for S\&P, Moody's and Fitch, respectively, and "A+" for A.M. Best. Currently, some of our ratings are below these targets. For a description of the potential impacts of ratings downgrades, see "-Ratings."

## Capital Governance

Our capital management framework is ultimately reviewed and approved by our Board of Directors. The Board has adopted a capital management policy that authorizes our Chairman and Chief Executive Officer and Vice Chairman to approve certain capital actions on behalf of the Company and to further delegate authority with respect to capital actions to appropriate officers. Any capital commitment that exceeds the authority granted to senior management under the capital management policy is separately authorized by the Board.

In addition, our Capital and Finance Committee ("CFC") reviews the use and allocation of capital above certain threshold amounts to promote the efficient use of capital, consistent with our strategic objectives, ratings aspirations and other goals and targets. This management committee provides a multi-disciplinary due diligence review of specific initiatives or transactions requiring the use of capital, including all mergers and acquisitions. The CFC also evaluates our annual capital and financing plan (and quarterly updates to this plan), as well as our capital, liquidity and financial position, borrowing plans, and related matters prior to the discussion of these items with the Board of Directors.

## Capitalization

The primary components of capitalization for the Financial Services Businesses consist of the equity we attribute to the Financial Services Businesses and outstanding capital debt, including junior subordinated debt, of the Financial Services Businesses. As shown in the table below, as of December 31, 2013, the Financial Services Businesses had $\$ 35.5$ billion in capital, all of which was available to support the aggregate capital requirements of its three divisions and its Corporate and Other operations. Based on our assessment of these businesses and operations, we believe this level of capital is consistent with our ratings targets.

|  | December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Attributed Equity (1) ..................... | \$25,299 | \$27,016 |
| Junior subordinated debt (i.e. hybrid securities) | 4,884 | 4,594 |
| Other capital debt | 5,345 | 6,049 |
| Total capital | \$35,528 | \$37,659 |

(1) Excludes AOCI. This amount may be subject to volatility due to, among other things, the impact of foreign currency exchange rate movements on certain non-yen denominated assets and liabilities within our Japanese insurance operations, for which the foreign currency exposure is economically matched and offset in AOCI (see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division-Impact of foreign currency exchange rate movements on earnings-U.S. GAAP earnings impact of products denominated in non-local currencies" for additional information).

## Insurance Regulatory Capital

We manage Prudential Insurance, Prudential of Japan, Gibraltar Life and our other domestic and international insurance subsidiaries to regulatory capital levels consistent with our "AA" ratings targets.

The Risk-Based Capital, or RBC, ratio is a primary measure of the capital adequacy of Prudential Insurance, which includes businesses in both the Financial Services Businesses and the Closed Block Business, and our other domestic insurance subsidiaries. RBC is calculated based on statutory financial statements and risk formulas consistent with the practices of the National Association of Insurance Commissioners, or NAIC. RBC considers, among other things, risks related to the type and quality of the invested assets, insurance-related risks associated with an insurer's products and liabilities, interest rate risks and general business risks. RBC ratio calculations are intended to assist insurance regulators in measuring an insurer's solvency and ability to pay future claims. The reporting of RBC measures is not intended for the purpose of ranking any insurance company or for use in connection with any marketing, advertising or promotional activities but is available to the public.

Effective for the year ended December 31, 2013, the NAIC has adopted a change to the methodology for calculating RBC risk charges associated with commercial and agricultural mortgage loans. Prior to the adoption of this methodology change, the risk charges were calculated based on an insurance company's portfolio level experience as compared to an industry average. The newly adopted change considers each loan's risk in the calculation of these risk charges. This methodology applies to each of Prudential Financial's U.S. insurance subsidiaries.

The RBC ratios for Prudential Insurance and Prudential Annuities Life Assurance Corporation were $456 \%$ and $421 \%$, respectively, as of December 31, 2012. As of December 31, 2013, the ratios for both of these subsidiaries were greater than $400 \%$, including the impact of the aforementioned change in methodology for calculating RBC risk charges associated with commercial and agricultural mortgage loans.

Similar to the RBC ratios that are employed by U.S. insurance regulators, regulatory authorities in the international jurisdictions in which we operate generally establish some form of minimum solvency margin requirements for insurance companies based on local statutory accounting practices. These solvency margins are a primary measure of the capital adequacy of our international insurance operations. Maintenance of our solvency margins at certain levels is also important to our competitive positioning, as in certain jurisdictions, such as Japan, these solvency margins are required to be disclosed to the public and therefore impact the public perception of an insurer's financial strength.

The solvency margins for Prudential of Japan and Gibraltar Life were $749 \%$ and $896 \%$, respectively, as of March 31, 2013, the most recent statutory fiscal year-end. As of December 31, 2013, the solvency margins for both of these subsidiaries were greater than $700 \%$.

All of our domestic and international insurance subsidiaries have capital levels that substantially exceed the minimum level required by applicable insurance regulations.

The regulatory capital levels of our domestic and international insurance subsidiaries can be materially impacted by interest rates, equity market and real estate market fluctuations, changes in the values of derivatives, the level of impairments recorded, credit quality migration of our investment portfolio, foreign exchange rate movements and business growth, among other items. In addition, particularly for our domestic insurance subsidiaries, the recapture of business subject to third-party reinsurance arrangements due to, for example, defaults by, or credit quality migration affecting, the third-party reinsurers could negatively impact regulatory capital.

Our regulatory capital levels are also affected by statutory accounting rules, which are subject to change by each applicable insurance regulator. As discussed above in "-Executive Summary-Regulatory Developments," the NY DFS has notified us that it does not agree with our calculation of statutory reserves (including the applicable credit for reinsurance) for New York purposes in respect of certain variable annuity products, and if we are ultimately required to establish material additional reserves on a New York statutory accounting basis or post material amounts of additional collateral with respect to such variable annuity or other products, our ability to deploy capital held within our U.S. domestic insurance subsidiaries for other purposes could be affected.

We evaluate the regulatory capital of our domestic and international insurance operations under reasonably foreseeable stress scenarios and believe we have adequate resources to maintain our capital levels comfortably above regulatory requirements under these scenarios. For further information on the calculation of RBC and solvency margin ratios, as well as regulatory minimums, see Note 15 to the Consolidated Financial Statements.

## Capital Protection Framework

We employ a "Capital Protection Framework" to ensure that sufficient capital resources are available to maintain adequate capitalization on a consolidated basis and competitive RBC ratios and solvency margins for our insurance subsidiaries under various stress scenarios. The Capital Protection Framework incorporates the potential impacts from market related stresses, including equity markets, real estate, interest rates, credit losses, and foreign currency exchange rates. Potential sources of capital include on-balance sheet capital, derivatives, reinsurance and contingent sources of capital. Although we continue to enhance our approach, we believe we currently have access to sufficient resources to maintain adequate capitalization and competitive RBC ratios and solvency margins under a range of potential stress scenarios. See "Business-Corporate and Other" included in Prudential Financial's 2013 Annual Report on Form 10-K for further information on our Capital Protection Framework.

## Captive Reinsurance Companies

We use captive reinsurance companies in our domestic insurance operations to more effectively manage our reserves and capital on an economic basis and to enable the aggregation and transfer of risks. Our captive reinsurance companies assume business from affiliates only. To support the risks they assume, our captives are capitalized to a level we believe is consistent with the "AA" financial strength rating targets of our insurance subsidiaries. All of our captive reinsurance companies are wholly-owned subsidiaries and are located domestically, typically in the state of domicile of the direct writing insurance subsidiary that cedes the majority of business to the captive. In addition to state insurance regulation, our captives are subject to internal policies governing their activities. Prudential Financial provides support to these captives, typically through net worth maintenance agreements, and in the normal course of business will contribute capital to the captives to support business growth and other needs. In addition, in connection with financing arrangements, Prudential Financial may guarantee certain of the captives' obligations.

Recently, the NAIC, the New York State Department of Financial Services and other regulators have increased their focus on life insurers' use of captive reinsurance companies. We cannot predict what, if any, changes may result from these reviews. If insurance laws are changed in a way that restricts our use of captive reinsurance companies in the future, our ability to write certain products and efficiently manage their associated risks could be adversely affected and we may need to increase prices on certain products, modify certain products or find alternate financing sources, any of which could adversely affect our competitiveness, capital and financial position and results of operations. Given the uncertainty of the ultimate outcome of these reviews, at this time we are unable to estimate their expected effects on our future capital and financial position and results of operations.

Our domestic life insurance subsidiaries are subject to a regulation entitled "Valuation of Life Insurance Policies Model Regulation," commonly known as "Regulation XXX," and a supporting guideline entitled "The Application of the Valuation of Life Insurance Policies Model Regulation," commonly known as "Guideline AXXX." The regulation and supporting guideline require insurers to establish statutory reserves for term and universal life insurance policies with long-term premium guarantees that are consistent with the statutory reserves required for other individual life insurance policies with similar guarantees. Many market participants believe that these levels of reserves are non-economic. We use captive reinsurance companies to implement reinsurance and capital management actions to satisfy these reserve requirements by financing the non-economic reserves through the issuance of surplus notes by the captives, which are treated as capital for statutory purposes. See "-Financing Activities-Subsidiary borrowings-Financing of regulatory reserves associated with domestic life insurance products" below for additional information on our financing activities related to Regulation XXX and Guideline AXXX.

We reinsure living benefit guarantees on certain variable annuity and retirement products from our domestic life insurance companies to a captive reinsurance company, Pruco Reinsurance, Ltd., or Pruco Re. This enables us to aggregate these risks within Pruco Re and manage them more efficiently through a hedging program. We believe Pruco Re currently maintains an adequate level of capital and access to liquidity to support this hedging program. However, as discussed below under "Liquidity associated with other activities-Hedging activities associated with living benefit guarantees," Pruco Re's capital and liquidity needs can vary significantly due to, among other things, changes in equity markets, interest rates, mortality and policyholder behavior. Through our Capital Protection Framework, we hold on-balance sheet capital and maintain access to committed sources of capital that are available to meet these needs as they arise.

We reinsure $90 \%$ of the short-term risks of Prudential Insurance's Closed Block Business to a captive reinsurance company domiciled in New Jersey. These short-term risks represent the impact of variations in experience of the Closed Block that are expected to be recovered over time as a result of corresponding adjustments to policyholder dividends. The reinsurance arrangement is intended to alleviate the short-term statutory surplus volatility within Prudential Insurance resulting from the Closed Block Business, including volatility caused by the impact of any unrealized mark-to-market losses and realized credit losses within its investment portfolio. To support the captive's funding obligations under the reinsurance arrangement, we maintain a $\$ 2.0$ billion letter of credit facility with unaffiliated financial institutions through which the captive can obtain a letter of credit during an availability period expiring in October 2015. Prudential Financial guarantees all obligations of the New Jersey captive under the facility, including its obligation to reimburse any draws made under the letter of credit. Because experience of the Closed Block is ultimately passed along to policyholders over time through the annual policyholder dividend, we believe that a draw under the letter of credit is unlikely. Our ability to obtain a letter of credit under the facility is subject to the continued satisfaction of customary conditions similar to those described under "Credit Facilities" below.

## Shareholder Distributions

## Share Repurchase Program and Shareholder Dividends

In June 2013, our Board of Directors authorized the Company to repurchase at management's discretion up to $\$ 1.0$ billion of its outstanding Common Stock during the period from July 1, 2013 through June 30, 2014. This authorization supersedes the Board's previous $\$ 1.0$ billion repurchase authority that covered the prior twelve-month period. A total of 6.6 million shares of our Common Stock were repurchased under the prior authorization for a total cost of $\$ 400$ million. The timing and amount of any future share repurchases will be determined by management based on market conditions and other considerations, including increased capital needs of our businesses due to changes in regulatory capital requirements and opportunities for growth and acquisitions. Repurchases may be effected in the open market, through derivative, accelerated repurchase and other negotiated transactions and through plans designed to comply with Rule 10b5-1(c) under the Exchange Act.

In the first quarter of 2013, Prudential Financial moved to a quarterly Common Stock dividend schedule. Previously, Common Stock dividends were paid on an annual basis. The following table sets forth information about repurchases of shares of Prudential Financial's Common Stock, as well as declarations of Common Stock dividends, for each of the quarterly periods in 2013 and for the prior four years:

| Quarterly period ended: | Dividend Amount |  | Shares Repurchased |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Per Share | Aggregate | Shares | Total Cost |
|  | (in millions, except per share data) |  |  |  |
| December 31, 2013 | \$0.53 | \$247 | 2.9 | \$ 250 |
| September 30, 2013 | \$0.40 | \$187 | 3.2 | \$ 250 |
| June 30, 2013 | \$0.40 | \$188 | 3.9 | \$ 250 |
| March 31, 2013 | \$0.40 | \$188 | - | \$ - |
|  | Dividend Amount |  | Shares Repurchased |  |
| Year ended: | Per Share | Aggregate | $\underline{\text { Shares }}$ | Total Cost |
|  | (in millions, except per share data) |  |  |  |
| December 31, 2012 | \$1.60 | \$749 | 11.5 | \$ 650 |
| December 31, 2011 | \$1.45 | \$689 | 19.8 | \$1,000 |
| December 31, 2010 | \$1.15 | \$564 | - | \$ - |
| December 31, 2009 | \$0.70 | \$327 | - | \$ - |

In addition, on February 11, 2014, Prudential Financial's Board of Directors declared a cash dividend of $\$ 0.53$ per share of Common Stock, payable on March 20, 2014. As a Designated Financial Company under Dodd-Frank, Prudential Financial expects to be subject to minimum risk-based capital and leverage requirements and to the submission of annual capital plans to the FRB. Prudential Financial's compliance with these and other requirements under Dodd-Frank could limit its ability to pay Common Stock dividends and repurchase shares in the future.

## Liquidity

Liquidity management and stress testing are performed on a legal entity basis as the ability to transfer funds between subsidiaries is limited due in part to regulatory restrictions. Liquidity needs are determined through daily and quarterly cash flow forecasting at the holding company and within our operating subsidiaries. A minimum cash balance of $\$ 1.3$ billion is targeted to ensure that adequate liquidity is available at Prudential Financial to cover fixed expenses in the event that we experience reduced cash flows from our operating subsidiaries. This targeted minimum balance is reviewed and approved annually by the Finance Committee of the Board of Directors.

To mitigate the risk of having limited or no access to financing due to stressed market conditions, we generally prefund capital debt in advance of maturity. We mitigate the refinancing risk associated with our debt that is used to fund operating needs by matching the term of debt with the assets financed. To ensure adequate liquidity in stress scenarios, stress testing is performed on a quarterly basis for our major operating subsidiaries. Liquidity risk is further mitigated by our access to the alternative sources of liquidity discussed below.

## Liquidity of Prudential Financial

The principal sources of funds available to Prudential Financial, the parent holding company, are dividends and returns of capital from subsidiaries, repayments of operating loans from subsidiaries and cash and short-term investments. These sources of funds may be supplemented by Prudential Financial's access to the capital markets as well as the "-Alternative Sources of Liquidity" described below.

The primary uses of funds at Prudential Financial include servicing debt, paying operating expenses, making capital contributions and loans to subsidiaries, paying declared shareholder dividends and repurchasing outstanding shares of Common Stock executed under Board authority.

As of December 31, 2013, Prudential Financial had cash and short-term investments of $\$ 5,555$ million, a decrease of $\$ 3,008$ million from 2012. We maintain an intercompany liquidity account that is designed to optimize the use of cash by facilitating the lending and borrowing of funds between Prudential Financial and its subsidiaries on a daily basis. Excluding net borrowings from this intercompany liquidity account, Prudential Financial had cash and short-term investments of $\$ 4,354$ million as of December 31, 2013, a decrease of \$1,073 million from December 31, 2012.

The following table sets forth Prudential Financial's principal sources and uses of cash and short-term investments, excluding net borrowings from our intercompany liquidity account, for the periods indicated.

|  | Year Ended December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Sources: |  |  |
| Dividends and/or returns of capital from subsidiaries(1) | \$ 3,007 | \$2,862 |
| Proceeds from the issuance of junior subordinated debt (hybrid securities) | 1,210 | 3,075 |
| Proceeds from the issuance of long-term senior debt | 1,050 | 0 |
| Proceeds from stock-based compensation and exercise of stock options | 538 | 308 |
| Net receipts under intercompany loan agreements(2)(3) | 421 | 1,205 |
| Interest income from subsidiaries on intercompany agreements, net of interest paid | 369 | 406 |
| Proceeds from short-term debt, net of repayments . . . . . . . . . . . . . . . . . . . . . . . . | 78 | 0 |
| Repayment of funding agreements from Prudential Insurance | 0 | 525 |
| Net proceeds from external financing agreement(4) . | 0 | 244 |
| Other, net(5) . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0 | 197 |
| Total sources | 6,673 | 8,822 |
| Uses: |  |  |
| Capital contributions to subsidiaries(6) | 1,760 | 1,912 |
| Maturities of long-term senior debt, excluding retail medium-term notes | 1,581 | 850 |
| Interest paid on external debt | 1,028 | 1,010 |
| Repayments of junior subordinated debt (hybrid securities) | 920 | 0 |
| Common Stock dividends(7) | 828 | 749 |
| Share repurchases(8) . . . . . . | 738 | 650 |
| Repayment of retail medium-term notes | 615 | 1,741 |
| Net income tax payments | 246 | 0 |
| Class B Stock dividends . | 19 | 19 |
| Other, net | 11 | 0 |
| Total uses | 7,746 | 6,931 |
| Net increase (decrease) in cash and short-term investments | \$(1,073) | \$1,891 |

(1) 2013 includes dividends and/or returns of capital of $\$ 1,642$ million from international subsidiaries, $\$ 441$ million from asset management subsidiaries, $\$ 338$ million from an investment subsidiary, $\$ 391$ million from Prudential Annuities Holding Company, of which $\$ 284$ million was from Prudential Annuities Life Assurance Corporation, and $\$ 195$ million from other subsidiaries. 2012 includes dividends and/or returns of capital of $\$ 865$ million from international subsidiaries, $\$ 646$ million from asset management subsidiaries, $\$ 600$ million from Prudential Insurance, $\$ 408$ million from Prudential Annuities Life Assurance Corporation, $\$ 230$ million from Prudential Bank \& Trust and $\$ 113$ million from other subsidiaries.
(2) 2013 includes net repayments of $\$ 282$ million by Pruco Life Insurance Company, $\$ 200$ million by Prudential Annuities Life Assurance Corporation and $\$ 176$ million by asset management subsidiaries, net proceeds of $\$ 351$ million from the issuance of notes to Gibraltar Life and $\$ 108$ million from the issuance of notes to Prudential of Japan, and net repayments of $\$ 47$ million from other subsidiaries, offset by net borrowings of $\$ 743$ million by PrucoRe. 2012 includes net proceeds of $\$ 395$ million from the issuance of notes to Prudential of Japan, partially offset by a repayment of $\$ 20$ million to Prudential Holdings, LLC. 2012 also includes net repayments of $\$ 558$ million by asset management subsidiaries, $\$ 200$ million by Prudential Annuities Life Assurance Corporation, $\$ 188$ million by Pruco Re and $\$ 42$ million by other subsidiaries, partially offset by net borrowings of $\$ 164$ million by Pruco Life Insurance Company.
(3) Amounts for 2012 have been reclassified to conform to current period presentation, which excludes amounts related to our intercompany liquidity account.
(4) Represents repayments in 2012 associated with transitional financing agreements provided in connection with the sale of the real estate brokerage franchise and relocation business in 2011.
(5) 2012 primarily includes tax settlements pursuant to the tax allocation agreement between Prudential Financial and its subsidiaries, net of estimated tax payments to the Internal Revenue Service.
(6) 2013 includes capital contributions of $\$ 712$ million to Prudential Insurance, of which $\$ 615$ million was paid to The Hartford in connection with our acquisition of its life insurance business, $\$ 618$ million to international subsidiaries, $\$ 309$ million to Pruco Re, $\$ 25$ million to asset management subsidiaries and $\$ 96$ million to other subsidiaries. 2012 includes capital contributions of $\$ 1,431$ million to Pruco Re, $\$ 406$ million to international insurance subsidiaries, $\$ 31$ million to asset management subsidiaries and $\$ 44$ million to other subsidiaries.
(7) 2013 includes cash payments made on dividends declared in prior periods.
(8) 2013 excludes $\$ 12$ million related to trades that settled in January 2014.

## Restrictions on Dividends and Returns of Capital from Subsidiaries

Our insurance companies are subject to limitations on the payment of dividends and other transfers of funds to Prudential Financial and other affiliates under applicable insurance law and regulation. Also, more generally, the payment of dividends by any of our subsidiaries is subject to declaration by their Board of Directors and can be affected by market conditions and other factors. See Note 15 to the Consolidated Financial Statements for details on specific dividend restrictions.

Domestic insurance subsidiaries. Prudential Insurance is permitted to pay ordinary dividends based on calculations specified under New Jersey insurance law, subject to prior notification to the New Jersey Department of Banking and Insurance, or NJDOBI. Any distributions above this amount in any 12-month period are considered to be "extraordinary" dividends, and the approval of NJDOBI is required prior to payment. In May 2013, Prudential Insurance paid an ordinary dividend of $\$ 232$ million to its parent, Prudential Holdings, LLC, which amount remained at Prudential Holdings. In June 2013, Prudential Insurance paid an ordinary dividend in the form of real property, with a value of $\$ 42$ million, which was ultimately contributed to a subsidiary of Prudential Financial related to the development of a new office building located in Newark, New Jersey.

The laws regulating dividends of the states where our other domestic insurance companies are domiciled are similar, but not identical, to New Jersey’s. In 2013, Prudential Annuities Life Assurance Corporation paid extraordinary dividends of $\$ 284$ million to Prudential Financial. In 2013, Prudential Retirement Insurance and Annuity Company paid an ordinary dividend of $\$ 226$ million and an extraordinary dividend of $\$ 89$ million to its parent, Prudential Insurance. In 2013, Pruco Life Insurance Company paid ordinary dividends of $\$ 423$ million to its parent, Prudential Insurance.

International insurance subsidiaries. Our international insurance subsidiaries are subject to dividend restrictions from the regulatory authorities in the international jurisdictions in which they operate. Our most significant international insurance subsidiaries, Prudential of Japan and Gibraltar Life, are permitted to pay common stock dividends based on calculations specified by Japanese insurance law, subject to prior notification to the Financial Services Agency, or FSA. Dividends in excess of these amounts and other forms of capital distribution require the prior approval of the FSA. The current regulatory fiscal year end for both Prudential of Japan and Gibraltar Life is March 31, 2014, at which time the common stock dividend amount permitted to be paid without prior approval from the FSA will be determinable.

Although Gibraltar Life may be able to pay common stock dividends under these regulatory restrictions, we do not anticipate receiving common stock dividends for several years as Gibraltar Life may return capital to Prudential Financial through other means, such as the repayment of subordinated debt or preferred stock obligations held by Prudential Financial or other affiliates. In 2013, Prudential of Japan paid a dividend of $¥ 25.0$ billion, or approximately $\$ 255$ million, to its parent, Prudential Holdings of Japan. In 2013, Gibraltar Life repaid subordinated debt of $¥ 6.7$ billion, or approximately $\$ 68$ million, paid a dividend of $¥ 16.9$ billion, or approximately $\$ 170$ million, on its preferred stock, and redeemed a portion of its preferred stock for $¥ 21.8$ billion, or approximately $\$ 214$ million, in each case to its parent, Prudential Holdings of Japan. Additionally, Prudential of Korea paid a dividend of $W 70.0$ billion or approximately $\$ 63$ million to its parent, Prudential International Insurance Holdings Ltd. Approximately $\$ 724$ million of these distributions were ultimately sent to Prudential Financial.

Other subsidiaries. The ability of our asset management subsidiaries and the majority of our other operating subsidiaries to pay dividends is largely unrestricted from a regulatory standpoint.

## Liquidity of Insurance Subsidiaries

We manage the liquidity of our insurance operations to ensure stable, reliable and cost-effective sources of cash flows to meet all of our obligations. Liquidity within each of our insurance subsidiaries is provided by a variety of sources, as described more fully below, including portfolios of liquid assets. The investment portfolios of our subsidiaries are integral to the overall liquidity of our insurance operations. We segment our investment portfolios and employ an asset/liability management approach specific to the requirements of each of our product lines. This enhances the discipline applied in managing the liquidity, as well as the interest rate and credit risk profiles, of each portfolio in a manner consistent with the unique characteristics of the product liabilities. We use a projection process for cash flows from operations to ensure sufficient liquidity is available to meet projected cash outflows, including claims.

Liquidity is measured against internally-developed benchmarks that take into account the characteristics of both the asset portfolio and the liabilities that they support. We consider attributes of the various categories of liquid assets (for example, type of asset and credit quality) in calculating internal liquidity measures to evaluate our insurance operations' liquidity under various stress scenarios, including company-specific and market-wide events. We believe we have adequate liquidity in each of our insurance subsidiaries, including under these stress scenarios.

## Cash Flow

The principal sources of liquidity for our insurance subsidiaries are premiums and certain annuity considerations, investment and fee income, and investment maturities and sales associated with our insurance and annuity operations, as well as internal and external borrowings. The principal uses of that liquidity include benefits, claims, dividends paid to policyholders, and payments to policyholders and contractholders in connection with surrenders, withdrawals and net policy loan activity. Other uses of liquidity include commissions, general and administrative expenses, purchases of investments, hedging activity and payments in connection with financing activities.

In each of our major insurance subsidiaries, we believe that the cash flows from operations are adequate to satisfy current liquidity requirements. The continued adequacy of this liquidity will depend upon factors such as future securities market conditions, changes in interest rate levels, policyholder perceptions of our financial strength, policyholder behavior, catastrophic events and the relative safety and attractiveness of competing products, each of which could lead to reduced cash inflows or increased cash outflows. Our insurance operations' cash flows from
investment activities result from repayments of principal, proceeds from maturities and sales of invested assets and investment income, net of amounts reinvested. The primary liquidity risks with respect to these cash flows are the risk of default by debtors or bond insurers, our counterparties' willingness to extend repurchase and/or securities lending arrangements, commitments to invest and market volatility. We closely manage these risks through our credit risk management process and regular monitoring of our liquidity position.

Domestic insurance operations. In managing the liquidity of our domestic insurance operations, we consider the risk of policyholder and contractholder withdrawals of funds earlier than our assumptions when selecting assets to support these contractual obligations. We use surrender charges and other contract provisions to mitigate the extent, timing and profitability impact of withdrawals of funds by customers. The following table sets forth the liabilities for future policy benefits and policyholders' account balances of certain of our domestic insurance subsidiaries as of the dates indicated.

|  | Decem | er 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in bi | lions) |
| Prudential Insurance | \$160.0 | \$152.6 |
| PRIAC | 24.3 | 24.1 |
| Other(1) | 5.5 | 12.7 |
| Total future polic | \$189.8 | \$189.4 |

(1) Includes Prudential Annuities Life Assurance Corporation ("PALAC") and Pruco Life Insurance Company ("Pruco Life"). Amounts are reflected net of reinsurance recoverables.

The liabilities presented above are primarily supported by invested assets in our general account. As noted above, when selecting assets to support these contractual obligations, we consider the risk of policyholder and contractholder withdrawals of funds earlier than our assumptions. As a result, assets will include both liquid assets, as discussed below, and other assets that we believe adequately support our liabilities.

For Prudential Insurance and other subsidiaries, the liabilities presented above primarily include annuity reserves and deposit liabilities and individual life insurance policy reserves. Individual life insurance policies are less susceptible to withdrawal than our annuity contracts because policyholders may incur surrender charges and be subject to a new underwriting process in order to obtain a new insurance policy. Prudential Insurance's reserves for group annuity contracts primarily relate to the significant pension risk transfer transactions that closed in the fourth quarter of 2012. These contracts are generally not subject to early withdrawal. For our individual annuity contracts, to encourage persistency, most of our variable and fixed annuities have surrender or withdrawal charges for a specified number of years. In addition, certain fixed annuities impose a market value adjustment if the invested amount is not held to maturity. The living benefit features of our variable annuities also encourage persistency because the potential value of the living benefit is fully realized only if the contract persists.

For PRIAC, the liabilities presented above primarily include reserves for group annuity contracts. Although many of these contracts are subject to discretionary withdrawal, withdrawals are typically at the market value of the underlying assets. Risk is further reduced by the high persistency of clients driven in part by our strong competitive position in our target markets and contractual provisions such as deferred payouts.

Gross account withdrawals for our domestic insurance operations' products in 2013 were consistent with our assumptions in asset/ liability management, and the associated cash outflows did not have a material adverse impact on our overall liquidity.

International insurance operations. As with our domestic operations, in managing the liquidity of our international insurance operations, we consider the risk of policyholder and contractholder withdrawals of funds earlier than our assumptions in selecting assets to support these contractual obligations. The following table sets forth the total general account insurance-related liabilities (other than dividends payable to policyholders) of our international insurance subsidiaries, as of the dates indicated.

|  | Decem | ber 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in bi | lions) |
| Prudential of Japan(1) | \$ 34.6 | \$ 36.4 |
| Gibraltar Life(2) | 91.3 | 103.8 |
| All other international insurance subsidiaries(3) | 10.9 | 9.5 |
| Total general account insurance-related liab | \$136.8 | \$149.7 |

(1) As of December 31, 2013 and 2012, $\$ 6.5$ billion and $\$ 5.7$ billion, respectively, of the insurance-related liabilities for Prudential of Japan are associated with U.S. dollar-denominated products that are coinsured to our domestic insurance operations and supported by U.S. dollar-denominated assets.
(2) Includes Prudential Gibraltar.
(3) Represents our international insurance operations, excluding Japan.

The liabilities presented above are primarily supported by invested assets in our general account. When selecting assets to support these contractual obligations, we consider the risk of policyholder and contractholder withdrawals of funds earlier than our assumptions. As a result, assets will include both liquid assets, as discussed below, and other assets that we believe adequately support our liabilities.

We believe most of the longer-term recurring pay individual life insurance policies sold by our Japanese operations do not have significant withdrawal risk because policyholders may incur surrender charges and must undergo a new underwriting process to obtain a new insurance policy. In addition, we utilize market value adjustment features to mitigate the profitability impact and timing of withdrawals of funds by customers. As of December 31, 2013, products with a market value adjustment feature represented $\$ 20.1$ billion of our Japan operations' insurance-related liabilities.

Recently, Gibraltar Life has discontinued sales of its yen-denominated single premium reduced death benefit whole life product that has a greater savings component. This product is more susceptible to increased levels of surrenders if interest rates increase in Japan, which may result in losses. As of December 31, 2013, yen-denominated single premium reduced death benefit whole life products represented $\$ 9.6$ billion of our Japan operations' insurance-related liabilities. Gibraltar Life also sells fixed annuities denominated in U.S. and

Australian dollars that may be subject to increased surrenders should these currencies appreciate in relation to the yen and interest rates in Australia and the U.S. decline relative to Japan. As of December 31, 2013, fixed annuities denominated in U.S. and Australian dollars represented $\$ 19.3$ billion of our Japan operations' insurance-related liabilities, of which $\$ 18.3$ billion include a market value adjustment feature which mitigates the profitability impact from surrenders.

## Liquid Assets

Liquid assets include cash and cash equivalents, short-term investments, fixed maturities that are not designated as held-to-maturity and public equity securities. In addition to access to substantial investment portfolios, our insurance companies' liquidity is managed through access to a variety of instruments available for funding and/or managing cash flow mismatches, including from time to time those arising from claim levels in excess of projections. Our ability to utilize assets and liquidity between our subsidiaries is limited by regulatory and other constraints. We believe that ongoing operations and the liquidity profile of our assets provide sufficient liquidity under reasonably foreseeable stress scenarios for each of our insurance subsidiaries.

The following table sets forth the fair value of certain of our domestic insurance operations' portfolio of liquid assets, including cash and short-term investments, fixed maturity investments other than those designated as held-to-maturity, by NAIC or equivalent rating, and public equity securities, as of the dates indicated.

|  | December 31, 2013 |  |  |  | $\begin{gathered} \text { December 31, } \\ 2012 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prudential Insurance | PRIAC | Other(1) | $\underline{\text { Total }}$ |  |
|  |  |  | (in billions) |  |  |
| Cash and short-term investments | \$ 6.9 | \$ 0.8 | \$0.6 | \$ 8.3 | \$ 7.4 |
| Fixed maturity investments: |  |  |  |  |  |
| High or highest quality . | 121.9 | 19.0 | 8.3 | 149.2 | 158.6 |
| Other than high or highest quality | 8.5 | 1.4 | 0.6 | 10.5 | 10.0 |
| Subtotal | 130.4 | 20.4 | 8.9 | 159.7 | 168.6 |
| Public equity securities | 4.3 | 0.0 | 0.0 | 4.3 | 3.6 |
| Total | \$141.6 | \$21.2 | \$9.5 | \$172.3 | \$179.6 |

## (1) Includes PALAC and Pruco Life.

The following table sets forth the fair value of our international insurance operations' portfolio of liquid assets, including cash and short-term investments, fixed maturity investments other than those designated as held-to-maturity, by NAIC or equivalent rating, and public equity securities, as of the dates indicated.

|  | December 31, 2013 |  |  |  | $\underset{2012}{ } \text { December 31, }$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prudential of Japan | Gibraltar Life(1) | $\underset{\operatorname{Other}(2)}{\text { All }}$ | Total |  |
|  |  |  | (in billions) |  |  |
| Cash and short-term investments | \$ 0.7 | \$ 2.2 | \$ 0.4 | \$ 3.3 | \$ 5.2 |
| Fixed maturity investments: |  |  |  |  |  |
| High or highest quality(3) | 26.5 | 84.7 | 12.3 | 123.5 | 134.9 |
| Other than high or highest quality | 0.4 | 2.2 | 0.2 | 2.8 | 2.5 |
| Subtotal | 26.9 | 86.9 | 12.5 | 126.3 | 137.4 |
| Public equity securities | 1.7 | 2.3 | 0.4 | 4.4 | 3.8 |
| Total(4) | \$29.3 | \$91.4 | \$13.3 | \$134.0 | \$146.4 |

(1) Includes Prudential Gibraltar.
(2) Represents our international insurance operations, excluding Japan.
(3) Of the $\$ 123.5$ billion of fixed maturity investments that are not designated as held-to-maturity and considered high or highest quality as of December 31, 2013, $\$ 86.5$ billion, or $70 \%$, were invested in government or government agency bonds.
(4) The decline in liquid assets from December 31, 2012 was driven by depreciation of the yen relative to the U.S. dollar, partly offset by business growth.

Given the size and liquidity profile of our investment portfolios, we believe that claim experience, including policyholder withdrawals and surrenders, varying from our projections does not constitute a significant liquidity risk. Our asset/liability management process takes into account the expected maturity of investments and expected claim payments as well as the specific nature and risk profile of the liabilities. To the extent we need to pay claims in excess of projections, we may borrow temporarily or sell investments sooner than anticipated to pay these claims, which may result in increased borrowing costs or realized investment gains or losses affecting results of operations. The payment of claims and sale of investments earlier than anticipated would have an impact on the reported level of cash flow from operating, investing, and financing activities, respectively, in our financial statements. Historically, there has been no significant variation between the expected maturities of our investments and the payment of claims.

## Liquidity associated with other activities

## Hedging activities associated with living benefit guarantees

As discussed in "Captive Reinsurance Companies" above, we reinsure living benefit guarantees on certain variable annuity and retirement products from our domestic life insurance companies to Pruco Re. This enables us to execute our living benefit hedging program primarily within a single legal entity. As part of the living benefit hedging program, we enter into a range of exchange-traded, cleared and other over the counter equity and interest rate derivatives to hedge optional living benefit features accounted for as embedded derivatives against changes in certain capital market conditions such as interest rates and equity index levels. For a full discussion of our living benefits hedging program, see "-Results of Operations for Financial Services Businesses by Segment-U.S. Retirement Solutions and Investment Management Division-Individual Annuities." Pruco Re requires access to liquidity to meet its payment obligations under these hedging
arrangements, such as payments for periodic settlements, purchases, maturities, terminations and breakage. Pruco Re's liquidity needs can vary materially due to, among other items, changes in interest rates, equity markets, mortality and policyholder behavior. Currently, we fund these liquidity needs with a combination of capital contributions and loans from Prudential Financial and other affiliates.

The living benefits hedging activity in Pruco Re may also result in collateral postings on derivatives to or from counterparties. The net collateral position depends on changes in interest rates and equity markets related to the amount of the exposures hedged. Depending on market conditions, the collateral posting requirements can result in material liquidity needs. In addition, certain derivatives entered into on or after June 10, 2013, are subject to mandatory clearing requirements under the Dodd-Frank Act. These cleared derivatives typically have additional collateral requirements. As of December 31, 2013, the living benefit hedging derivatives were in a net posting position of $\$ 0.4$ billion compared to a net receive position of $\$ 4.4$ billion as of December 31, 2012. The change in position was primarily driven by rising interest rates and equity market appreciation.

Additionally, in certain cases, state insurance law requires reinsurers, such as Pruco Re, to collateralize their obligations under a reinsurance agreement to permit the ceding company to claim statutory reinsurance reserve credit for the business ceded. Because our subsidiaries Pruco Life and, effective August 31, 2013, PALAC are domiciled in the State of Arizona (as is Pruco Re), they are able to claim reinsurance reserve credit for business ceded to Pruco Re without the need for Pruco Re to post collateral. However, Pruco Re must post collateral with respect to business ceded to it by our subsidiary Pruco Life Insurance Company of New Jersey. We satisfy collateral posting requirements by depositing assets into statutory reserve credit trusts. Funding needs for the statutory reserve credit trusts are separate and distinct from capital needs of Pruco Re. However, assets pledged to the statutory reserve credit trusts may include assets supporting the capital of Pruco Re provided that they meet eligibility requirements prescribed by the Arizona Department of Insurance. Reinsurance reserve credit requirements and the amount of assets required to be pledged can vary substantially due to changes in equity markets, interest rates, actuarial assumptions and other factors. As of December 31, 2013, the statutory reserve credit trusts required collateral of $\$ 7$ million, a decrease of $\$ 2.2$ billion from December 31, 2012, primarily due to the re-domestication of PALAC to the State of Arizona effective August 31, 2013.

## Foreign exchange hedging activities

We employ various hedging strategies to manage potential exposure to foreign currency exchange rate movements, particularly those associated with the Japanese yen. Our overall yen hedging strategy calibrates the hedge level to preserve the relative contribution of our yenbased business to the Company's overall return on equity. For further information on our hedging strategies, see "-Results of Operations for Financial Services Businesses by Segment-International Insurance Division." Our hedging strategies, which include both internal and external hedging programs, may impact the liquidity positions of both Prudential Financial and our international insurance subsidiaries.

The internal-only hedges are between Prudential Financial (through a subsidiary) and certain of our yen-based entities and serve to hedge changes in the market value of U.S. dollar-denominated investments held on the books of these yen-based entities attributable to changes in the yen-dollar exchange rate. These U.S. dollar-denominated investments are part of our hedging strategy to mitigate the impact of foreign currency exchange rate movements on our U.S. dollar-equivalent equity. Absent an internal hedge, changes in the market value of these U.S. dollar-denominated investments attributable to changes in the yen-dollar exchange rate would create volatility in the solvency margins of these subsidiaries. To minimize this volatility, we enter into inter-company hedges. Cash settlements from these hedging activities result in cash flows between Prudential Financial and these yen-based subsidiaries. The cash flows are dependent on changes in foreign currency exchange rates and the notional amount of the exposures hedged. During 2013, Prudential Financial received $\$ 831$ million of net cash settlements related to the internal hedge program, which were paid by the yen-based subsidiaries. As of December 31, 2013, the market value of the internal hedges was an asset of $\$ 867$ million due from the yen-based subsidiaries. A significant yen depreciation over an extended period of time could result in additional net cash inflows to Prudential Financial. Conversely, a significant yen appreciation could result in net cash outflows from Prudential Financial.

Our external hedges primarily serve to hedge a portion of our prospective non-U.S. dollar-denominated earnings streams and, to a lesser extent, our U.S. dollar-equivalent equity. The external hedges are between a subsidiary of Prudential Financial and external parties. Cash settlements on these activities result in cash flows between the Company and the external parties and are dependent on changes in foreign currency exchange rates and the notional amount of the exposures hedged. During 2013, the Company received $\$ 74$ million of net cash settlements related to these external hedges. As of December 31, 2013, the net asset related to these external foreign currency hedges was $\$ 780$ million. A significant depreciation in the yen and other foreign currencies could result in net cash inflows to the Company, while a significant appreciation in the yen and other foreign currencies could result in net cash outflows from the Company.

## Asset Management operations

The principal sources of liquidity for our fee-based asset management businesses include asset management fees and commercial mortgage origination and servicing fees. The principal uses of liquidity include general and administrative expenses and distributions of dividends and returns of capital to Prudential Financial. The primary liquidity risks for our fee-based asset management businesses relate to their profitability, which is impacted by market conditions and our investment management performance. We believe the cash flows from our fee-based asset management businesses are adequate to satisfy the current liquidity requirements of these operations, as well as requirements that could arise under reasonably foreseeable stress scenarios, which are monitored through the use of internal measures.

The principal sources of liquidity for our strategic investments and interim loans held in our asset management businesses are cash flows from investments, the ability to liquidate investments, and available borrowing lines from internal sources, including Prudential Funding and Prudential Financial. The primary liquidity risks include the inability to sell assets in a timely manner, declines in the value of assets and credit defaults. There were no material changes to the liquidity position of our asset management operations during 2013.

## Alternative Sources of Liquidity

In addition to the sources of liquidity discussed throughout this section, Prudential Financial and certain subsidiaries have access to the alternative sources of liquidity described below:

## Asset-based Financing

We conduct asset-based or secured financing within our insurance and other subsidiaries, including transactions such as securities lending, repurchase agreements and mortgage dollar rolls to earn spread income, to borrow funds, or to facilitate trading activity. These programs are primarily driven by portfolio holdings of securities that are lendable based on counterparty demand for these securities in the marketplace. The collateral received in connection with these programs is primarily used to purchase securities in the short-term spread portfolios of our insurance entities. Investments held in the short-term spread portfolios include cash and cash equivalents, short-term investments, mortgage loans and fixed maturities, including mortgage- and asset-backed securities, with a weighted average life at time of purchase by the short-term portfolios of four years or less. Floating rate assets comprise the majority of our short-term spread portfolio. These short-term portfolios are subject to specific investment policy statements, which among other things, do not allow for significant asset/liability interest rate duration mismatch.

The following table sets forth our liabilities under asset-based or secured financing programs attributable to the Financial Services Businesses and Closed Block Business as of the dates indicated.

|  | December 31, 2013 |  |  | December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed Block Business | Consolidated | Financial Services Businesses | Closed Block Business | Consolidated |
|  | (in millions) |  |  |  |  |  |
| Securities sold under agreements to repurchase | \$4,128 | \$3,770 | \$ 7,898 | \$3,436 | \$2,382 | \$5,818 |
| Cash collateral for loaned securities | 4,230 | 810 | 5,040 | 2,864 | 1,077 | 3,941 |
| Securities sold but not yet purchased | 56 | 0 | 56 | 0 | 0 | 0 |
| Total(1) | \$8,414 | \$4,580 | \$12,994 | \$6,300 | \$3,459 | \$9,759 |
| Portion of above securities that may be returned to the Company overnight requiring immediate return of the cash collateral . . | \$6,503 | \$2,273 | \$ 8,776 | \$4,536 | \$1,566 | \$6,102 |
| Weighted average maturity, in days(2) | 39 | 71 |  | 25 | 67 |  |

(1) The daily weighted average outstanding for the twelve months ended December 31, 2013 and 2012, was $\$ 7,044$ million and $\$ 6,695$ million, for the
Financial Services Businesses and $\$ 4,219$ million and $\$ 4,303$ million, for the Closed Block Business, respectively.
(2) Excludes securities that may be returned to the Company overnight.

Outstanding liabilities under these programs increased $\$ 3.2$ billion during 2013, as recent growth in our portfolio of invested assets was utilized to take advantage of attractive financing and investment opportunities.

As of December 31, 2013, our domestic insurance entities had assets eligible for the asset-based or secured financing programs of $\$ 76.8$ billion, of which $\$ 10.7$ billion were on loan. Taking into account market conditions and outstanding loan balances as of December 31, 2013, we believe approximately $\$ 20.7$ billion of the remaining eligible assets are readily lendable, of which approximately $\$ 14.6$ billion relates to the Financial Services Businesses.

In addition, as of December 31, 2013, our Closed Block Business had outstanding mortgage dollar rolls, under which we are committed to repurchase $\$ 718$ million of mortgage-backed securities, or TBA forward contracts. These repurchase agreements do not qualify as secured borrowings and are accounted for as derivatives. These mortgage-backed securities are considered high or highest quality based on NAIC or equivalent rating.

## Membership in the Federal Home Loan Banks

Prudential Insurance is a member of the Federal Home Loan Bank of New York, or FHLBNY. Membership allows Prudential Insurance access to the FHLBNY's financial services, including the ability to obtain loans and to issue funding agreements as an alternative source of liquidity that are collateralized by qualifying mortgage-related assets or U.S. Treasury securities. Based on regulatory limitations, as of December 31, 2013, Prudential Insurance had an estimated maximum borrowing capacity of $\$ 6.5$ billion under the FHLBNY facility, of which $\$ 2.2$ billion was outstanding.

PRIAC is a member of the Federal Home Loan Bank of Boston, or FHLBB, which provides PRIAC access to collateralized advances from the FHLBB. Under Connecticut state insurance law, without the prior consent of the Connecticut Insurance Department (the "CT Department"), the amount of assets insurers may pledge to secure debt obligations is limited to the lesser of $5 \%$ of prior-year statutory admitted assets or $25 \%$ of prior-year statutory surplus, resulting in a maximum borrowing capacity for PRIAC under the FHLBB facility of approximately $\$ 230$ million, none of which was outstanding as of December 31, 2013. Previously, the CT Department provided an advance consent to PRIAC, permitting it to pledge up to $\$ 2.6$ billion in assets to secure FHLBB borrowings, resulting in a maximum borrowing capacity under the facility of approximately $\$ 1.7$ billion; however, this consent expired as of December 31, 2013.

Borrowings under these facilities are subject to the FHLBNY's and the FHLBB's discretion and require the availability of qualifying assets at Prudential Insurance and PRIAC. For further information, see Note 14 to our Consolidated Financial Statements.

## Commercial Paper Programs

Prudential Financial and Prudential Funding, LLC, or Prudential Funding, a wholly-owned subsidiary of Prudential Insurance, have commercial paper programs with an authorized issuance capacity of $\$ 3.0$ billion and $\$ 7.0$ billion, respectively. Prudential Financial commercial paper borrowings generally have been used to fund the working capital needs of our subsidiaries. Prudential Funding commercial paper borrowings generally have been used to fund the working capital needs of Prudential Insurance and its subsidiaries. Prudential Funding also lends to other subsidiaries of Prudential Financial up to limits agreed with NJDOBI. Prudential Funding maintains a support agreement with Prudential Insurance whereby Prudential Insurance has agreed to maintain Prudential Funding's positive tangible net worth at all times. Prudential Financial has also issued a subordinated guarantee covering Prudential Funding's commercial paper program. As of December 31, 2013, Prudential Financial and Prudential Funding had outstanding borrowings of $\$ 190$ million and $\$ 460$ million, respectively, under these commercial paper programs. For further information, see Note 14 to our Consolidated Financial Statements.

## Credit Facilities

We have access to an aggregate of $\$ 3.75$ billion of syndicated, unsecured committed credit facilities, which includes a $\$ 2$ billion five-year facility that has Prudential Financial as borrower and a $\$ 1.75$ billion three-year facility that has both Prudential Financial and Prudential Funding as borrowers. In November 2013, we agreed with the lenders to extend the expiration dates of the five-year facility to November 2018 and the three-year facility to November 2016. The facilities may be used for general corporate purposes, including as backup liquidity for our commercial paper programs. There were no outstanding borrowings under these credit facilities as of December 31, 2013 or as of February 27, 2014.

Prudential Financial expects that it may borrow under the five-year credit facility from time to time to fund its working capital needs and those of its subsidiaries. In addition, up to $\$ 300$ million of the five-year facility may be drawn in the form of standby letters of credit that can be used to meet the Company's operating needs. The credit facilities contain representations and warranties, covenants and events of default that are customary for facilities of this type; however, borrowings under the facilities are not contingent on the Company's credit ratings nor subject to material adverse change clauses. Borrowings under the credit facilities require that the Company maintain at all times consolidated net worth, relating to the Financial Services Businesses only, of at least $\$ 18.985$ billion (excluding AOCI and excluding equity of non-controlling interests). For further information, see Note 14 to our Consolidated Financial Statements.

## Put Option Agreement for Senior Debt Issuance

In November 2013, we entered into a ten-year put option agreement with a Delaware trust upon the completion of the sale of $\$ 1.5$ billion of trust securities by that Delaware trust in a Rule 144A private placement. The trust invested the proceeds from the sale of the trust securities in a portfolio of principal and interest strips of U.S. Treasury securities. The put option agreement provides Prudential Financial the right to sell to the trust at any time up to $\$ 1.5$ billion of $4.419 \%$ senior notes due November 2023 and receive in exchange a corresponding amount of the principal and interest strips of U.S. Treasury securities held by the trust. In return, we agreed to pay a semi-annual put premium to the trust at a rate of $1.777 \%$ per annum applied to the unexercised portion of the put option. The put option agreement with the trust provides Prudential Financial with a source of liquid assets. We will determine the use of proceeds from any exercise of the put option at the time of exercise. For example, proceeds could be used to meet general liquidity needs and/or to meet the capital requirements of our subsidiaries.

The put option described above will be exercised automatically in full upon our failure to make certain payments to the trust, such as paying the put option premium or reimbursing the trust for its expenses, if our failure to pay is not cured within 30 days, and upon an event involving our bankruptcy. We are also required to exercise the put option if our consolidated stockholders' equity, calculated in accordance with GAAP but excluding accumulated other comprehensive income (loss), falls below $\$ 7$ billion, subject to adjustment in certain cases. We have a one-time right to unwind a prior voluntary exercise of the put option by repurchasing all of the senior notes then held by the trust in exchange for principal and interest strips of U.S. Treasury securities. Finally, any of the $4.419 \%$ senior notes that we issue may be redeemed by us prior to their maturity at par or, if greater, a make-whole price, following a voluntary exercise in full of the put option.

## Financing Activities

As of December 31, 2013 and 2012, total short- and long-term debt of the Company on a consolidated basis was $\$ 26.2$ billion and $\$ 27.2$ billion, respectively. The following table sets forth total consolidated borrowings of the Company as of the dates indicated. We may, from time to time, seek to redeem or repurchase our outstanding debt securities through open market purchases, individually negotiated transactions or otherwise. Any such repurchases will depend on prevailing market conditions, our liquidity position and other factors.

|  | December 31, 2013 |  |  | December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prudential Financial | Other Subsidiaries | Consolidated | Prudential Financial | Other Subsidiaries | Consolidated |
|  | (in millions) |  |  |  |  |  |
| General obligation short-term debt: |  |  |  |  |  |  |
|  | \$ 190 | \$ 460 | \$ 650 | \$ 113 | \$ 359 | \$ 472 |
| Current portion of long-term debt and other(2)(3) | 1,531 | 413 | 1,944 | 1,734 | 203 | 1,937 |
| Subtotal | 1,721 | 873 | 2,594 | 1,847 | 562 | 2,409 |
| General obligation long-term debt: |  |  |  |  |  |  |
| Senior debt(3)(4) . . . . | 11,462 | 1,466 | 12,928 | 12,404 | 1,916 | 14,320 |
| Junior subordinated debt | 4,884 | 0 | 4,884 | 4,594 | 0 | 4,594 |
| Surplus notes(5) | 0 | 4,141 | 4,141 | 0 | 4,140 | 4,140 |
| Subtotal | 16,346 | 5,607 | 21,953 | 16,998 | 6,056 | 23,054 |
| Total general obligations | 18,067 | 6,480 | 24,547 | 18,845 | 6,618 | 25,463 |
| Limited recourse borrowing(6): |  |  |  |  |  |  |
| Current portion of long-term debt | 0 | 75 | 75 | 0 | 75 | 75 |
| Long-term debt . . . . . . . . . . . . . | 0 | 1,600 | 1,600 | 0 | 1,675 | 1,675 |
| Total limited recourse borrowings | 0 | 1,675 | 1,675 | 0 | 1,750 | 1,750 |
| Total borrowings | \$18,067 | \$8,155 | \$26,222 | \$18,845 | \$8,368 | \$27,213 |

(1) See "-Alternative Sources of Liquidity" above for a discussion on our use of commercial paper
(2) Includes collateralized borrowings from the Federal Home Loan Bank of New York of $\$ 100$ million at December 31, 2012. For additional information on these borrowings, see Note 14 to the Consolidated Financial Statements.
(3) Does not include $\$ 2,381$ million and $\$ 1,780$ million of medium-term notes of consolidated trust entities secured by funding agreements purchased with the proceeds of such notes as of December 31, 2013 and 2012, respectively, or $\$ 1.9$ billion of collateralized funding agreements issued to the Federal Home Loan Bank of New York at both December 31, 2013 and 2012. These notes and funding agreements are included in "Policyholders' account balances." For additional information on these obligations, see Notes 10 and 14 to the Consolidated Financial Statements
(4) Includes collateralized borrowings from the Federal Home Loan Bank of New York of $\$ 280$ million at both December 31, 2013 and 2012. For additional information on these borrowings, see Note 14 to the Consolidated Financial Statements
(5) Amounts are net of assets under set-off arrangements of $\$ 2,400$ million and $\$ 1,000$ million, as of December 31, 2013 and 2012, respectively
(6) Limited and non-recourse borrowing represents outstanding debt of Prudential Holdings, LLC that is attributable to the Closed Block Business. See "Prudential Holdings, LLC Notes" within Note 14 to the Consolidated Financial Statements for additional information.

As of December 31, 2013 and 2012, we were in compliance with all debt covenants related to the borrowings in the table above. For further information on the terms of our short- and long-term debt obligations, see Note 14 to our Consolidated Financial Statements.

Based on the use of proceeds, we classify our borrowings as capital debt, investment-related debt, and debt related to specified businesses. Capital debt, which is debt utilized to meet the capital requirements of our businesses, was $\$ 10.2$ billion and $\$ 10.6$ billion as of December 31, 2013 and 2012, respectively. Investment-related debt of $\$ 9.9$ billion and $\$ 10.5$ billion as of December 31, 2013 and 2012, respectively, consists of debt issued to finance specific investment assets or portfolios of investment assets, the proceeds from which will service the debt. Specifically, this includes institutional spread lending investment portfolios, assets supporting reserve requirements under Regulation XXX and Guideline AXXX as described below, as well as institutional and insurance company portfolio cash flow timing differences. Our remaining borrowings are utilized for business funding to meet specific purposes, including funding new business acquisition costs associated with our individual annuities business, operating needs associated with hedging our individual annuities products as discussed above and activities associated with our asset management business.

## Prudential Financial Borrowings

Long-term borrowings are conducted primarily by the holding company, Prudential Financial. It borrows these funds to meet its capital and other funding needs, as well as the capital and funding needs of its subsidiaries. Prudential Financial maintains a shelf registration statement with the SEC that permits the issuance of public debt, equity and hybrid securities. As a "Well-Known Seasoned Issuer" under SEC rules, Prudential Financial's shelf registration statement provides for automatic effectiveness upon filing and has no stated issuance capacity.

Prudential Financial primarily issues senior debt under its Medium-Term Note, Series D program that currently has an authorized issuance capacity of $\$ 20.0$ billion, of which approximately $\$ 8.5$ billion remained available as of December 31, 2013. Prudential Financial also maintains a retail medium-term notes program, including InterNotes ${ }^{\circledR}$, that has an authorized issuance capacity of $\$ 5.0$ billion, of which approximately $\$ 4.7$ billion remained available as of December 31, 2013. The weighted average interest rate on Prudential Financial's senior notes, including the effect of interest rate hedging activity, was $5.39 \%$ and $5.27 \%$ for the years ended December 31, 2013 and 2012, respectively, excluding the effect of debt issued to consolidated subsidiaries.

Prudential Financial has $\$ 4.9$ billion of junior subordinated notes outstanding as of December 31, 2013, that are considered hybrid securities and receive enhanced equity treatment from the rating agencies. See Note 14 to our Consolidated Financial Statements for a description of the key terms of our junior subordinated notes.

Prudential Financial borrowings of $\$ 18.1$ billion decreased $\$ 0.8$ billion from December 31, 2012, driven by $\$ 1.6$ billion of maturities of medium-term notes, the redemption of all of our $\$ 920$ million $9.0 \%$ Junior Subordinated Notes due 2068 and the repayment of $\$ 615$ million aggregate principal amount of retail notes, partially offset by the issuance of $\$ 1.2$ billion of junior subordinated debt and the issuance of $\$ 1.1$ billion of medium-term notes. As of December 30, 2013, \$292 million of retail notes remained outstanding with no option to redeem at par.

## Subsidiary Borrowings

Subsidiary borrowings principally consist of surplus note issuances done within our insurance and captive reinsurance subsidiaries, commercial paper borrowings by Prudential Funding and asset-based financing.

## Financing of regulatory reserves associated with domestic life insurance products

As discussed above under "Capital—Insurance Subsidiaries-Captive Reinsurance Companies," we use captive reinsurance companies to implement reinsurance and capital management actions, including financing regulatory non-economic reserves through internal and external solutions. These activities are described below.

From 2011 through 2013, we entered into agreements with external counterparties providing for the issuance and sale of up to an aggregate of $\$ 2.0$ billion of ten-year surplus notes by one of our captive reinsurance subsidiaries. Under the agreements, the captive receives in exchange for the surplus notes one or more credit-linked notes issued by a special purpose subsidiary of the Company in an aggregate principal amount equal to the surplus notes issued. The captive holds the credit-linked notes as assets supporting non-economic reserves required to be held by our domestic insurance subsidiaries under Regulation XXX in connection with the reinsurance of term life insurance policies through the captive. The principal amount of the outstanding credit-linked notes is redeemable by the captive in cash upon the occurrence of, and in an amount necessary to remedy, a specified liquidity stress event affecting the captive. Under the agreements, the external counterparties have agreed to fund any such payment under the credit-linked notes in return for a fee. Prudential Financial has agreed to make capital contributions to the captive to reimburse it for investment losses in excess of specified amounts and has agreed to reimburse the external counterparties for any payments under the credit-linked notes that are funded by those counterparties. As of December 31, 2013, an aggregate of $\$ 1.5$ billion of surplus notes were outstanding under these agreements and no such payments under the credit-linked notes have been required.

In December 2013, another captive reinsurance subsidiary entered into a twenty-year financing facility with external counterparties providing for the issuance and sale of a surplus note in an aggregate principal amount of up to $\$ 2.0$ billion in order to finance noneconomic reserves required to be held by our domestic insurance subsidiaries under Guideline AXXX. The agreements contemplate that additional external counterparties may be added to this facility in the future which could increase the size of the facility to $\$ 3.0$ billion. Similar to the agreements described above, the captive receives in exchange for the surplus note one or more credit linked notes issued by a special purpose affiliate in an aggregate principal amount equal to the surplus note. As above, the principal amount of the outstanding credit-linked notes is redeemable by the captive in cash upon the occurrence of, and in an amount necessary to remedy, a specified liquidity stress event, and the external counterparties have agreed to fund any such payment. Prudential Financial has agreed to reimburse the captive for investment losses in excess of specified amounts; however, Prudential Financial has no other reimbursement obligations to the external counterparties under this facility. As of December 31, 2013, an aggregate of $\$ 900$ million of surplus notes were outstanding under the facility and no credit-linked note payments have been required.

Under each of the above transactions, because valid rights of set-off exist, interest and principal payments on the surplus notes and on the credit-linked notes are settled on a net basis, and the surplus notes are reflected in the Company's total consolidated borrowings on a net basis.

Other captive reinsurance subsidiaries have outstanding an additional $\$ 3.2$ billion of surplus notes that were issued in 2006 through 2008 with unaffiliated institutions to finance non-economic reserves required under Regulation XXX and Guideline AXXX. Prudential Financial has agreed to maintain the capital of these captives at or above a prescribed minimum level and has entered into arrangements (which are accounted for as derivative instruments) that require it to make certain payments in the event of deterioration in the value of the surplus notes. As of both December 31, 2013 and 2012, there were no collateral postings made under these derivative instruments. In addition, another captive reinsurance subsidiary has issued an aggregate amount of $\$ 3.3$ billion of notes to affiliates of the Company in order to finance non-economic reserves under Guideline AXXX.

The surplus notes described above are subordinated to policyholder obligations, and the payment of principal on the surplus notes may only be made with prior insurance regulatory approval. The payment of interest on the surplus notes has been approved by the regulator, subject to its ability to withdraw that approval.

As we continue to underwrite term and universal life insurance business, including through the recently-acquired Hartford Life Business, we expect to have additional borrowing needs to finance non-economic reserves required under Regulation XXX and Guideline AXXX. We believe we have sufficient financing resources in place to meet our financing needs under Guideline AXXX through 2014. We had sufficient financing resources in place to meet our financing needs under Regulation XXX in 2013, and we are currently pursuing a solution to address Regulation XXX financing needs generated by our sale of term life insurance policies during 2014 based on expected sales levels.

## Ratings

Financial strength ratings (which are sometimes referred to as "claims-paying" ratings) and credit ratings are important factors affecting public confidence in an insurer and its competitive position in marketing products. Nationally Recognized Statistical Ratings Organizations continually review the financial performance and financial condition of the entities they rate, including Prudential Financial and its rated subsidiaries. Our credit ratings are also important for our ability to raise capital through the issuance of debt and for the cost of such financing.

A downgrade in the credit or financial strength ratings of Prudential Financial or its rated subsidiaries could potentially, among other things, limit our ability to market products, reduce our competitiveness, increase the number or value of policy surrenders and withdrawals, increase our borrowing costs and potentially make it more difficult to borrow funds, adversely affect the availability of financial guarantees, such as letters of credit, cause additional collateral requirements or other required payments under certain agreements, allow counterparties to terminate derivative agreements and/or hurt our relationships with creditors, distributors, or trading counterparties thereby potentially negatively affecting our profitability, liquidity, and/or capital. In addition, we consider our own risk of non-performance in determining the fair value of our liabilities. Therefore, changes in our credit or financial strength ratings may affect the fair value of our liabilities.

Financial strength ratings represent the opinions of rating agencies regarding the financial ability of an insurance company to meet its obligations under an insurance policy. Credit ratings represent the opinions of rating agencies regarding an entity's ability to repay its indebtedness. The following table summarizes the ratings for Prudential Financial and certain of its subsidiaries as of February 27, 2014.

|  | A.M. Best(1) | S\&P(2) | Moody's(3) | Fitch(4) |
| :---: | :---: | :---: | :---: | :---: |
| Last review date | 5/9/2013 | 12/11/2013 | 7/11/2013 | 7/25/2013 |
| Current outlook | Stable | Stable(5) | Stable | Stable |
| Financial Strength Ratings: |  |  |  |  |
| The Prudential Insurance Company of America | A+ | AA- | A1 | A+ |
| Pruco Life Insurance Company | A+ | AA- | A1 | A+ |
| Pruco Life Insurance Company of New Jersey | A+ | AA- | NR* | A+ |
| Prudential Annuities Life Assurance Corporation | A+ | AA- | NR | A+ |
| Prudential Retirement Insurance and Annuity Company | A+ | AA- | A1 | A+ |
| The Prudential Life Insurance Company Ltd. (Prudential of Japan) | NR | AA- | NR | NR |
| Gibraltar Life Insurance Company, Ltd. | NR | AA- | NR | NR |
| The Prudential Gibraltar Financial Life Insurance Co. Ltd | NR | AA- | NR | NR |
| Prudential Life Insurance Co. of Taiwan, Inc.(6) | NR | twAA+ | NR | NR |
| Credit Ratings: |  |  |  |  |
| Prudential Financial, Inc.: |  |  |  |  |
| Short-term borrowings | AMB-1 | A-1 | P-2 | F2 |
| Long-term senior debt | a- | A | Baa1 | BBB+ |
| Junior subordinated long-term debt | bbb | $\mathrm{BBB}+$ | Baa2 | BBB- |
| The Prudential Insurance Company of America: |  |  |  |  |
| Capital and surplus notes | a | A | A3 | A- |
| Prudential Funding, LLC: |  |  |  |  |
| Short-term debt | AMB-1 | A-1+ | P-1 | F1 |
| Long-term senior debt | a+ | AA- | A2 | A |
| PRICOA Global Funding I: |  |  |  |  |
| Long-term senior debt | aa- | AA- | A1 | A+ |

* "NR" indicates not rated.
(1) A.M. Best Company, which we refer to as A.M. Best, financial strength ratings for insurance companies currently range from "A++ (superior)" to "S (Suspended)." A.M. Best's ratings reflect its opinion of an insurance company's financial strength, operating performance and ability to meet its obligations to policyholders. An A.M. Best long-term credit rating is an opinion of the ability of an obligor to pay interest and principal in accordance with the terms of the obligation. A.M. Best long-term credit ratings range from "aaa (exceptional)" to "d (in default)," with ratings from "aaa" to "bbb" considered as investment grade. An A.M. Best short-term credit rating reflects an opinion of the issuer's fundamental credit quality. Ratings range from "AMB-1+," which represents an exceptional ability to repay short-term debt obligations, to "AMB-4," which correlates with a speculative ("bb") long-term rating.
(2) Standard \& Poor's Rating Services, which we refer to as S\&P, financial strength ratings currently range from "AAA (extremely strong)" to "R (regulatory supervision)." These ratings reflect S\&P's opinion of an operating insurance company's financial capacity to meet the obligations of its insurance policies in accordance with their terms. A " + " or "-" indicates relative strength within a category. An S\&P credit rating is a current opinion of the creditworthiness of an obligor with respect to a specific financial obligation, a specific class of financial obligations or a specific financial program. S\&P's long-term issue credit ratings range from "AAA (extremely strong)" to "D (default)." S\&P short-term ratings range from "A-1 (highest category)" to "D (default)."
(3) Moody's Investors Service, Inc., which we refer to as Moody's, insurance financial strength ratings currently range from "Aaa (exceptional)" to "C (lowest)." Moody's insurance ratings reflect the ability of insurance companies to repay punctually senior policyholder claims and obligations. Numeric modifiers are used to refer to the ranking within the group-with 1 being the highest and 3 being the lowest. These modifiers are used to indicate relative strength within a category. Moody's credit ratings currently range from "Aaa (highest)" to "C (default)." Moody's credit ratings grade debt according to its investment quality. Moody's considers "A1," "A2" and "A3" rated debt to be upper medium grade obligations, subject to low credit risk. Moody's short-term ratings are opinions of the ability of issuers to honor senior financial obligations and contracts. Prime ratings range from "Prime-1 (P-1)," which represents a superior ability for repayment of senior short-term debt obligations, to "Prime-3 (P-3)," which represents an acceptable ability for repayment of such obligations. Issuers rated "Not Prime" do not fall within any of the Prime rating categories.
(4) Fitch Ratings Ltd., which we refer to as Fitch, financial strength ratings currently range from "AAA (exceptionally strong)" to "C (distressed)." Fitch's ratings reflect its assessment of the likelihood of timely payment of policyholder and contractholder obligations. Fitch long-term credit ratings currently range from "AAA (highest credit quality)," which denotes exceptionally strong capacity for timely payment of financial commitments, to "D (default)." Investment grade ratings range between "AAA" and "BBB." Short-term ratings range from "F1 (highest credit quality)" to "C (high default risk)." Within long-term and short-term ratings, a " + " or a " - " may be appended to a rating to denote relative status within major rating categories.
(5) S\&P has the ratings of our U.S.-domiciled entities on stable outlook and the ratings of our Japanese insurance entities on negative outlook as part of S\&P's decision to put the sovereign debt ratings of Japan on negative outlook.
(6) This rating for Prudential Life Insurance Company of Taiwan, Inc. was issued on December 18, 2013 by Taiwan Ratings Corporation, a partner of S\&P.

The ratings set forth above reflect current opinions of each rating agency. Each rating should be evaluated independently of any other rating. These ratings are not directed toward shareholders and do not in any way reflect evaluations of the safety and security of the Common Stock. These ratings are reviewed periodically and may be changed at any time by the rating agencies. As a result, there can be no assurance that we will maintain our current ratings in the future.

Rating agencies use an "outlook" statement for both industry sectors and individual companies. For an industry sector, a stable outlook generally implies that over the next 12-18 months the rating agency expects ratings to remain unchanged among companies in the sector. Currently, Moody's, A.M. Best, S\&P and Fitch all have the U.S. life insurance industry on stable outlook. For a particular company, an outlook generally indicates a medium- or long-term trend (generally six months to two years) in credit fundamentals, which if continued, may lead to a rating change. These indicators are not necessarily a precursor of a rating change nor do they preclude a rating agency from changing a rating at any time without notice. Currently, Moody's, A.M. Best and Fitch have all of the Company's ratings on stable outlook; and S\&P has the ratings of our U.S.-domiciled entities on stable outlook and the ratings of our Japanese insurance entities on negative outlook as part of S\&P's decision to put the sovereign debt ratings of Japan on negative outlook.

Requirements to post collateral or make other payments as a result of ratings downgrades under certain agreements, including derivative agreements, can be satisfied in cash or by posting permissible securities held by the subsidiaries subject to the agreements. A ratings downgrade of three ratings levels from the ratings levels as of December 31, 2013 (relating to financial strength ratings in certain cases and credit ratings in other cases) would result in estimated additional collateral posting requirements or payments under such agreements of approximately $\$ 68$ million. The amount of collateral required to be posted for derivative agreements is also dependent on the fair value of the derivative positions as of the balance sheet date. For additional information regarding the potential impacts of a ratings downgrade on our derivative agreements see Note 21 to our Consolidated Financial Statements. In addition, a ratings downgrade by A.M. Best to "A-" for our domestic life insurance companies would require Prudential Insurance to post a letter of credit in the amount of approximately $\$ 1.6$ billion, based on the level of statutory reserves related to the variable annuity business acquired from Allstate, that we estimate would result in annual cash outflows of approximately $\$ 9$ million, or collateral posting in the form of cash or securities to be held in a trust. We believe that the posting of such collateral would not be a material liquidity event for Prudential Insurance.

In view of the difficulties experienced in recent years by many financial institutions, the rating agencies have heightened the level of scrutiny that they apply to such institutions, have increased the frequency and scope of their credit reviews, have requested additional information from the companies that they rate, and may adjust upward the capital and other requirements employed in the rating agency models for maintenance of certain ratings levels, such as the financial strength ratings currently held by our life insurance subsidiaries. In addition, actions we might take to access third party financing or to realign our capital structure may in turn cause rating agencies to reevaluate our ratings.

The following is a summary of the significant changes or actions in our ratings and rating outlooks that have occurred from January 1, 2013 through February 27, 2014.

On May 9, 2013, A.M. Best affirmed Prudential Financial's long-term senior debt rating at "a-" and short-term debt rating at "AMB1". A.M. Best also affirmed the "A+" financial strength ratings of Prudential's core subsidiaries, including Prudential Insurance, Prudential Annuities Life Assurance Corporation, and Prudential Retirement Insurance and Annuity Company, with stable outlooks.

On July 11, 2013, Moody's upgraded the long-term senior debt rating of Prudential Financial from "Baa2" to "Baa1". Moody's also upgraded the financial strength ratings of our domestic subsidiaries including Prudential Insurance, Prudential Retirement Insurance and Annuity Company, and Pruco Life Insurance Company from "A2" to "A1". In addition, Moody's upgraded Prudential Funding's shortterm debt rating from "P-2" to "P-1" and long-term debt rating from "A3" to "A2". All ratings were assigned stable outlooks.

On July 25, 2013, Fitch affirmed Prudential Financial's long-term senior debt rating at "A-". Fitch also affirmed the financial strength ratings of our U.S. operating entities at "A+".

On December 11, 2013, S\&P affirmed the long-term senior debt rating of Prudential Financial at "A" and the financial strength ratings of Prudential's core subsidiaries at "AA-". All U.S. ratings have stable outlooks, while our Japanese subsidiaries have negative outlooks due to a negative outlook on the Japan sovereign rating.

## Contractual Obligations

The table below summarizes the future estimated cash payments related to certain contractual obligations as of December 31, 2013. The estimated payments reflected in this table are based on management's estimates and assumptions about these obligations. Because these estimates and assumptions are necessarily subjective, the actual cash outflows in future periods will vary, possibly materially, from those reflected in the table. In addition, we do not believe that our cash flow requirements can be adequately assessed based solely upon an analysis of these obligations, as the table below does not contemplate all aspects of our cash inflows, such as the level of cash flow generated by certain of our investments, nor all aspects of our cash outflows.

|  | Estimated Payments Due by Period |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | 2014 | 2015-2016 | 2017-2018 | 2018 and thereafter |
|  |  |  | (in millions) |  |  |
| Short-term and long-term debt obligations(1) Operating lease obligations(2) | \$ 46,691 | \$ 3,880 | \$ 7,017 | \$ 6,171 | \$ 29,623 |
| Operating lease obligations(2) | 509 | 140 | 172 | 107 | 90 |
| Purchase obligations: |  |  |  |  |  |
| Commitments to purchase or fund investments(3) | 5,461 | 3,704 | 829 | 455 | 473 |
| Commercial mortgage loan commitments(4) | 2,365 | 1,379 | 405 | 160 | 421 |
| Other liabilities: |  |  |  |  |  |
| Insurance liabilities(5) | 1,251,950 | 47,928 | 79,721 | 81,810 | 1,042,491 |
| Other(6) | 13,018 | 12,976 | 38 | 4 | 0 |
| Total | \$1,319,994 | \$70,007 | \$88,182 | \$88,707 | \$1,073,098 |

(1) The estimated payments due by period for long-term debt reflects the contractual maturities of principal, as disclosed in Note 14 to the Consolidated Financial Statements, as well as estimated future interest payments. The payment of principal and estimated future interest for short-term debt are reflected in estimated payments due in less than one year. The estimate for future interest payments includes the effect of derivatives that qualify for hedge accounting treatment. See Note 14 to the Consolidated Financial Statements for additional information concerning our short-term and long-term debt.
(2) The estimated payments due by period for operating leases reflect the future minimum lease payments under non-cancelable operating leases, as disclosed in Note 23 to the Consolidated Financial Statements. We have no significant capital lease obligations.
(3) As discussed in Note 23 to the Consolidated Financial Statements, we have commitments to purchase or fund investments, some of which are contingent upon events or circumstances not under our control, including those at the discretion of our counterparties. The timing of the fulfillment of certain of these commitments cannot be estimated, therefore the settlement of these obligations are reflected in estimated payments due in less than one year. Commitments to purchase or fund investments include $\$ 0.274$ billion that we anticipate will ultimately be funded from our separate accounts.
(4) As discussed in Note 23 to the Consolidated Financial Statements, loan commitments of our commercial mortgage operations, which are legally binding commitments to extend credit to a counterparty, have been reflected in the contractual obligations table above principally based on the expiration date of the commitment; however, it is possible these loan commitments could be funded prior to their expiration. In certain circumstances the counterparty may also extend the date of the expiration in exchange for a fee.
(5) The estimated payments due by period for insurance liabilities reflect future estimated cash payments to be made to policyholders and others for future policy benefits, policyholders' account balances, policyholder's dividends, reinsurance payables and separate account liabilities, net of reinsurance recoverables. These future estimated cash outflows are based on mortality, morbidity, lapse and other assumptions comparable with our experience, consider future premium receipts on current policies in force, and assume market growth and interest crediting consistent with assumptions used in amortizing deferred acquisition costs and value of business acquired. These cash outflows are undiscounted with respect to interest and, as a result, the sum of the cash outflows shown for all years in the table of $\$ 1,252$ billion exceeds the corresponding liability amounts of $\$ 636$ billion included in the Consolidated Financial Statements as of December 31, 2013. Separate account liabilities are legally insulated from general account obligations, and it is generally expected these liabilities will be fully funded by separate account assets and their related cash flows. We have made significant assumptions to determine the future estimated cash outflows related to the underlying policies and contracts. Due to the significance of the assumptions used, actual cash outflows will differ, possibly materially, from these estimates.
(6) The estimated payments due by period for other liabilities includes securities sold under agreements to repurchase, cash collateral for loaned securities, liabilities for unrecognized tax benefits, bank customer liabilities, and other miscellaneous liabilities. Amounts presented in the table also exclude $\$ 3.302$ billion of notes of consolidated VIE's which recourse for these obligations is limited to the assets of the respective VIE and do not have recourse to the general credit of the company.

We also enter into agreements to purchase goods and services in the normal course of business; however, these purchase obligations are not material to our consolidated results of operations or financial position as of December 31, 2013.

## Off-Balance Sheet Arrangements

## Guarantees and Other Contingencies

In the course of our business, we provide certain guarantees and indemnities to third parties pursuant to which we may be contingently required to make payments in the future. See "Commitments and Guarantees" within Note 23 to the Consolidated Financial Statements for additional information.

## Other Contingent Commitments

We also have other commitments, some of which are contingent upon events or circumstances not under our control, including those at the discretion of our counterparties. See "Commitments and Guarantees" within Note 23 to the Consolidated Financial Statements for additional information regarding these commitments. For further discussion of certain of these commitments that relate to our separate accounts, also see "-Liquidity associated with other activities-Asset Management operations."

## Other Off-Balance Sheet Arrangements

In November 2013, we entered into a put option agreement with a Delaware trust that gives Prudential Financial the right, at any time over a ten-year period, to issue up to $\$ 1.5$ billion of senior notes to the trust in return for principal and interest strips of U.S. Treasury securities that are held by the trust. See "Liquidity and Capital Resources-Alternative Sources of Liquidity" for more information on this
put option agreement. Other than this put option agreement, we do not have retained or contingent interests in assets transferred to unconsolidated entities, or variable interests in unconsolidated entities or other similar transactions, arrangements or relationships that serve as credit, liquidity or market risk support, that we believe are reasonably likely to have a material effect on our financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or our access to or requirements for capital resources. In addition, other than the put option agreement referred to above, we do not have relationships with any unconsolidated entities that are contractually limited to narrow activities that facilitate our transfer of or access to associated assets.

## Risk Management

## Overview

We employ a risk governance structure, overseen by senior management and our Board of Directors and managed by Enterprise Risk Management ("ERM"), to provide a framework for evaluating the risks embedded in and across our businesses, managing these risks and identifying current and future risk challenges and opportunities.

## Risk Governance Framework

Each of our businesses has a risk governance structure that is supported by a framework at the corporate level. Generally, our businesses are authorized to make day-to-day risk decisions that are consistent with enterprise risk policies and limits, and subject to enterprise oversight. The governance structure described in this section is designed to support this framework.

## Board of Directors' Role in Risk Management

Our Board of Directors oversees the Company's risk profile and management's processes for assessing and managing risk. Certain specific categories of risk are assigned to Board committees that report back to the full Board, as summarized below:

- Audit Committee: oversees risks related to operational risks, financial controls, legal, regulatory and compliance risks, and the overall risk management governance structure and risk management function.
- Finance Committee: oversees risks involving the Company's capital structure, including borrowing, liquidity, allocation of capital, major capital transactions and expenditures, funding of benefit plans and statutory insurance reserves. It also oversees the strength of the finance function. The Finance Committee approves the Company's annual capital plan and operating plan, as recommended by our Chief Financial Officer. The Finance Committee also receives regular updates on the sources and uses of capital relative to plan, as well as on our Capital Protection Framework.
- Investment Committee: oversees investment and market risk and the strength of the investment function. The Investment Committee approves investment and market risk limits for Prudential Financial and for Prudential Insurance's general account based on asset class, issuer, credit quality and geography.
- Compensation Committee: oversees our compensation programs so that incentives are aligned with appropriate risk taking.


## Management Committees

Our primary risk management committee is the Enterprise Risk Committee ("ERC"). The ERC is chaired by our Chief Risk Officer and otherwise comprised of the Vice Chairman, Chief Operating Officers for the U.S. and International Businesses, General Counsel, Chief Financial Officer, Chief Investment Officer and Chief Actuary. The ERC's mandate is to review significant risks that impact the Company and approve our risk management policies and limits to keep the risk profile of the Company consistent with its strategy.

The ERC is supported by five Risk Oversight Committees, each of which is comprised of subject matter experts and dedicated to one of the following risk types: investment risk, market risk, insurance risk, operational risk and model risk. These Risk Oversight Committees report their activities to the ERC, and significant matters or matters where there are unresolved points of view are reviewed and brought to the ERC. The Risk Oversight Committees provide an opportunity to evaluate complex issues by subject matter experts within the various risk areas. They evaluate the adequacy and effectiveness of risk mitigation options, identify stakeholders of risks and issues, review material risk assumptions for reasonability and consistency across the Company and, working with the different risk areas, develop recommendations for risk limits, among other responsibilities.

Each of our business units and significant corporate functions maintains its own risk committee. The business unit risk committees serve as a forum for leaders within each business unit to identify, assess and resolve risk and exposure issues and to review new products and initiatives, prior to such issues being reviewed by the Risk Oversight Committees and/or the ERC as appropriate. Corporate function risk committees assess and monitor risks associated with performing the relevant corporate functions, set standards and exercise oversight over specific risks.

## Risk Identification and Monitoring

Based on the array of financial and non-financial risks to which we are exposed, we have an authorization process for risk taking and requirements for risk measurement and reporting. We use a variety of tools and processes to assess risk, such as quantitative tools for measurable financial risks and qualitative assessments for non-financial risks, such as certain operational risks.

Beginning with the development of material new products or services, we complete a risk assessment which may lead to changes in design features, terms, pricing, investment strategy or the use of other risk mitigation techniques to affect the risk/reward dynamics for the product or service. We also weigh risk decisions against the impact to our reputation and our ability to achieve our ratings objectives.

## Risk Exposure

We classify our risks into five general categories: investment risk, market risk, insurance risk, operational risk (which includes legal, regulatory and technology risk) and model risk. In addition, we are exposed to reputational risk, which underlies, and is a part of, each risk assessment.

For information on risk as it relates to our capital and liquidity, see "-Liquidity and Capital Resources."

## Investment Risk Management

We view investment risk as the risk of loss on fixed maturity investments due to default or deterioration in credit quality, or loss on equity or real estate investments due to deterioration in value. Our exposure to investment risk is primarily comprised of:

- the risk that we will not receive contractual payments on a timely basis on fixed maturity investments (i.e., credit default risk);
- the risk that our fixed maturity investments lose value due to a deterioration of credit quality (for example, the probability of default rises or the likelihood of recovery on a default deteriorates);
- the risk that a counterparty on derivatives, securities lending, reinsurance or other transactions does not meet its contractual obligations to us; and
- the risk that values of our non-coupon, equity and/or real estate equity investments decline.

With general account fixed maturities of $\$ 290$ billion as of December 31, 2013, Prudential Financial is exposed to significant credit risk. Our Asset Management units have long experience managing public and private fixed income asset classes for both our general account and for third party investors. To manage this risk, we have a set of risk limits in place, including enterprise-level risk limits set by the Investment Committee of the Board of Directors. These limits are delineated into formal Investment Policy Statements which set limits on asset classes, permissible instruments, individual issuer, industry/sector and geographic exposures by individual legal entities, segments and business units. Compliance with most of these limits is measured on a daily basis, with some limits measured monthly or quarterly. In addition, our credit research departments closely monitor our credit exposures and maintain watch lists of exposures where there is a risk of impairment. If we have concerns about credit for a public exposure, we may sell some or all of that exposure or hedge the exposure with credit derivatives. See "-General Account Investments" for further information on our general account portfolio, including the composition of our fixed maturity portfolio by industry category and credit quality.

We also monitor our equity, real estate equity and other non-coupon investment exposures on an ongoing basis, and our risk and portfolio management functions review these portfolios quarterly.

## Market Risk Management

Market risk is defined as the risk of loss resulting from change in the value of assets, liabilities or derivative instruments as a result of absolute or relative changes in factors affecting financial markets, such as changes in interest rates, equity prices, foreign currency exchange rates and credit spreads.

Our exposure is primarily comprised of:

- Interest rate risk: our primary exposure arises within our insurance and annuities operations when changes in interest rates cause changes in asset and liability values that do not offset. For further information, see "-General Account Investments-Management of Investments" above.
- Credit spread risk: our investment portfolio includes corporate debt issuance which, in addition to creating credit risk from potential default and migration, introduces risk of value loss when market spreads widen.
- Equity price risk: our primary exposure arises within our Annuities segment when equity price changes move the value of embedded derivatives associated with variable annuities' living benefit features without creating offsetting changes in the value of equity based derivatives hedging these benefits. Secondarily, we are exposed to risk from the impact of equity market price declines that are not actively hedged on guaranteed minimum death benefits and guaranteed minimum income benefits. In addition, we are subject to changes in value on equity securities held in our general account and to lost fees from separate accounts and other funds under management when equity markets decline.
- Foreign currency exchange rate risk: with significant operations outside the U.S., particularly in Japan, our primary exposure arises when changes in foreign currency rates impact our U.S. dollar-equivalent earnings and equity in these operations. For further information, see "-International Insurance Division-Foreign Currency Exchange Rate Movements and Related Hedging Strategies" above. In addition, we are subject to changes in the value of investments denominated in foreign currencies held in our general account.

We actively monitor and manage concentration risks at the enterprise level to support diversification efforts. For additional information on our exposure to market risk, including how this risk is managed, see Item 7A. "Quantitative and Qualitative Disclosures About Market Risk."

## Insurance Risk

We define insurance risk as the risk of loss due to deviations in experience compared to our assumptions. Our exposure is primarily comprised of:

- Mortality risk, or the risk that death claims are greater than expected, primarily within our Individual Life, Group Insurance and International Insurance segments;
- Longevity risk, or the risk that policyholders survive longer than expected, primarily within our Individual Annuities, Retirement and International Insurance segments;
- Morbidity risk, or the risk that health claims from sickness or disability are greater than expected, primarily within our Group Insurance and International Insurance segments as well as from long term care policies within Divested Businesses; and
- Policyholder behavior risk, or the risk that our customers' persistency experience or utilization experience differs from our expectations.

Underwriting insurance risk is a fundamental part of our business. We believe our scale provides for the benefits of diversification, both within an insurance risk type (potentially enhancing predictability of experience) and across insurance risk types (for example, to some extent, mortality risk provides a natural hedge against longevity risk). Insurance risk mitigation begins with product design, as well as
underwriting and pricing standards at the business unit level with corporate oversight. In some cases, the availability and/or credibility of policyholder behavior experience may be limited, which we strive to reflect in the product design and pricing of the product. We provide corporate oversight of the material insurance risk assumptions utilized in pricing and setting reserves.

## Operational Risk

Operational risk is defined as the risk of direct or indirect loss resulting from inadequate or failed internal processes and systems, employee actions, or as the result of external events. Operational risks are broad in scope and evident in each business unit and corporate function. We are exposed to operational risk in many ways, including, but not limited to:

- Legal and regulatory compliance
- Improper sales practices
- Fraud (internal and external)
- Reputational risk
- Employee risk
- Technology risk, including system failures and processing errors
- Financial reporting errors
- Extreme events, such as loss of people and/or infrastructure caused by natural disasters, terrorism, disease, etc.
- Information risk
- Vendor risk

Each of our businesses and corporate functions is expected to manage its operational risks in compliance with enterprise standards. Our framework for identifying, evaluating, monitoring and managing operational risk includes: risk management committees; key risk indicators; risk and control assessments; loss event data collection and analysis; scenario analysis; and resolution of control issues. We also have enterprise policies and standards, including: Legal and Regulatory/Compliance Policies, such as those relating to sales practices and supervision, fraud prevention, safeguarding of personal information, protection and use of material non-public information, personal conflicts of interest and outside business activities, anti-money laundering, and gifts and entertainment; Human Resources Policies, such as those relating to hiring, training and terminating the employment of our associates and succession planning; and Information Technology policies, including those on systems development and information security. We also maintain policies and standards to support the effective management of operational risk, including those concerning new product development, business continuation and disaster recovery, enterprise crisis management, and vendor governance. Our Internal Audit Department independently audits key operational controls on a periodic basis to assess the effectiveness of our framework.

We are also exposed to emerging risks, that is, those conditions, situations or trends that may significantly impact us in the future. By nature, these risks involve a high degree of uncertainty. ERM, together with our businesses, monitors and evaluates emerging risks on a regular basis.

## Model Risk

Models are utilized by our businesses and corporate functions primarily in projecting future cash flows associated with pricing products, calculating reserves and valuing assets, as well as in evaluating risk and determining capital requirements, among other uses. As our businesses continue to grow and evolve, the number and complexity of models we utilize expands, increasing our exposure to error in the design, implementation or use of models, including the associated input data and assumptions. We are mitigating this risk by implementing our Model Risk Policy, which outlines the governance and control requirements over the implementation and use of models, and through the activities of our Model Risk Oversight Committee which provides oversight and guidance on issues relating to model risk and the management of that risk.

For further information on the risks to which the Company is exposed, see "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K.

## QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

## Market Risk

Market risk is defined as the risk of loss resulting from change in the value of assets, liabilities or derivative instruments as a result of absolute or relative changes in factors affecting financial markets, such as changes in interest rates, equity prices, foreign currency exchange rates and credit spreads.

To varying degrees, the investment activities supporting all of our products and services generate exposure to market risk. The primary source of our exposure to market risk is "other than trading" activities conducted primarily in our insurance and annuity operations. The market risk incurred and our strategies for managing this risk vary by product. The market risk associated with "trading" activities is immaterial.

For additional information regarding the potential impacts of interest rate and other market fluctuations, as well as general economic and market conditions on our businesses and profitability, see "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K. For additional information regarding the overall management of our general account investments and our asset mix strategies, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-General Account Investments-Management of Investments" above. For additional information regarding our liquidity and capital resources, which may be impacted by changing market risks, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-Liquidity and Capital Resources" above.

## Market Risk Management

Risk management includes the identification and measurement of various forms of risk, the establishment of risk thresholds and the creation of processes intended to maintain risks within these thresholds while optimizing returns on the underlying assets or liabilities. Risk range limits are established for each type of market risk, and are approved by the Investment Committee of the Board of Directors and subject to ongoing review.

Our risk management process utilizes a variety of tools and techniques, including:

- Measures of price sensitivity to market changes (e.g., interest rates, equity index prices, foreign exchange, credit spreads)
- Value-at-Risk, or "VaR" measures
- Asset/liability management analytics
- Stress scenario testing
- Hedging programs
- Risk management governance, including policies, limits and a market risk oversight committee. For additional information regarding our overall risk management framework and governance structure, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-Risk Management" above


## Market Risk Mitigation

Risk mitigation takes three primary forms:

1. Managing assets to liability-based limits on net exposure. For example, investment policies identify target durations for assets based on liability characteristics and asset portfolios are managed to ranges around them. This mitigates potential unanticipated economic losses from interest rate movements.
2. Hedging non-strategic exposures. For example, our investment policies generally require hedging currency risk for all cash flows not offset by similarly denominated liabilities.
3. Management of portfolio concentration risk. For example, ongoing monitoring and management at the enterprise level of key rate, currency and other concentration risks support diversification efforts to mitigate exposure to individual markets and sources of liquidity strain.

## Market Risk Related to Interest Rates

Assets that subject us to interest rate risk primarily include fixed maturity securities, commercial mortgage and other loans and policy loans. Liabilities that subject us to interest rate risk primarily include policyholder account balances relating to interest-sensitive life insurance, annuity and other investment-type contracts, as well as through outstanding short-term and long-term debt. Changes in interest rates create risk that the resulting changes in asset values will differ from the changes in the value of the liabilities relating to the underlying or hedged products. Derivatives that subject us to interest rate risk primarily include interest rate swaps, forwards, futures and options. Additionally, changes in interest rates may impact other items including, but not limited to, the following:

- Net investment spread between the amounts that we are required to pay and the rate of return we are able to earn on investments for certain products supported by general account investments
- Asset-based fees earned on assets under management or contractholder account values
- Estimated total gross profits and the amortization of deferred policy acquisition and other costs
- Net exposure to the guarantees provided under certain products
- Capital levels of our regulated entities

We use duration and convexity analyses to measure price sensitivity to interest rate changes. Duration measures the relative sensitivity of the fair value of a financial instrument to changes in interest rates. Convexity measures the rate of change of duration with respect to changes in interest rates. We use asset/liability management and derivative strategies to manage our interest rate exposure by legal entity by matching the relative sensitivity of asset and liability values to interest rate changes, or controlling "duration mismatch" of assets and liabilities. We have duration mismatch constraints tailored to the rate sensitivity of products in each entity. In certain markets, primarily outside the U.S. and Japan, capital market limitations that hinder our ability to acquire assets that approximate the duration of some of our
liabilities are considered in setting the limits. As of December 31, 2013 and 2012, the difference between the duration of assets and the target duration of liabilities in our duration-managed portfolios was within our limits. We consider risk-based capital and tax implications as well as current market conditions in our asset/liability management strategies.

We assess the impact of interest rate movements on the value of our financial assets, financial liabilities and derivatives using hypothetical test scenarios that assume either upward or downward 100 basis point parallel shifts in the yield curve from prevailing interest rates, reflecting changes in either credit spreads or the risk-free rate. The following table sets forth the net estimated potential loss in fair value on these financial instruments from a hypothetical 100 basis point upward shift as of December 31, 2013 and 2012. This table is presented on a gross basis and excludes offsetting impacts to insurance liabilities that are not considered financial liabilities under U.S GAAP. This scenario results in the greatest net exposure to interest rate risk of the hypothetical scenarios tested at those dates. While the test scenario is for illustrative purposes only and does not reflect our expectations regarding future interest rates or the performance of fixedincome markets, it is a near-term, reasonably possible hypothetical change that illustrates the potential impact of such events. These test scenarios do not measure the changes in value that could result from non-parallel shifts in the yield curve which we would expect to produce different changes in discount rates for different maturities. As a result, the actual loss in fair value from a 100 basis point change in interest rates could be different from that indicated by these calculations. The estimated changes in fair values do not include separate account assets.

|  | As of December 31, 2013 |  |  | As of December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notional | Fair Value | Hypothetical Change in Fair Value | Notional | Fair Value | Hypothetical Change in Fair Value |
|  | (in millions) |  |  |  |  |  |
| Financial assets with interest rate risk: |  |  |  |  |  |  |
| Fixed maturities(1) |  | \$314,015 | \$ $(25,834)$ |  | \$ 326,489 | \$ $(27,238)$ |
| Commercial mortgage and other loans |  | 42,805 | $(1,850)$ |  | 39,716 | $(1,658)$ |
| Policy loans(2) |  | 11,766 | 0 |  | 14,592 | (902) |
| Derivatives: |  |  |  |  |  |  |
| Swaps | \$150,079 | $(2,228)$ | $(3,710)$ | \$132,661 | 3,766 | $(4,818)$ |
| Futures | 15,125 | 5 | 14 | 13,267 | (166) | 21 |
| Options | 85,249 | 477 | 344 | 68,099 | 1,330 | (188) |
| Forwards | 15,306 | 206 | (61) | 15,937 | (60) | (31) |
| Synthetic GICs(3) | 60,758 | 8 | 0 | 64,359 | 6 | (2) |
| Variable annuity and other living benefit feature embedded derivatives(4) |  | (441) | 3,097 |  | $(3,348)$ | 3,295 |
| Financial liabilities with interest rate risk(5): |  |  |  |  |  |  |
| Short-term and long-term debt |  | $(28,286)$ | 2,392 |  | $(30,003)$ | 2,473 |
| Limited recourse notes issued by consolidated VIEs(6) |  | (39) | 0 |  | (224) | 0 |
| Investment contracts |  | $(96,600)$ | 3,410 |  | $(104,200)$ | 3,730 |
| Net estimated potential loss |  |  | \$(22,198) |  |  | \$(25,318) |

(1) Includes fixed maturities classified as "trading account assets supporting insurance liabilities" and other fixed maturities classified as trading securities under U.S. GAAP, but are held for "other than trading" activities in our segments that offer insurance, retirement and annuities products.
(2) In the fourth quarter of 2013, we implemented a change in valuation methodology regarding policy loans. For additional information, see Note 20 to the Consolidated Financial Statements.
(3) Prior period's notional amount is presented on a basis consistent with the current period presentation.
(4) Reflects only the gross change on the embedded derivatives, and excludes any offsetting impact of derivative instruments purchased to hedge such changes.
(5) Excludes approximately $\$ 248$ billion and $\$ 249$ billion as of December 31, 2013 and December 31, 2012, respectively, of insurance reserve and deposit liabilities which are not considered financial liabilities. We believe that the interest rate sensitivities of these insurance liabilities would serve as an offset to the net interest rate risk of the financial assets and liabilities, including investment contracts.
(6) See Note 5 to the Consolidated Financial Statements for additional information regarding consolidated variable interest entities (VIEs).

Our net estimated potential loss in fair value as of December 31, 2013 decreased from December 31, 2012, primarily reflecting a decrease in our fixed maturity securities portfolio in 2013, driven by the translation impact of the yen weakening against the U.S. dollar and an increase in U.S. interest rates, as well as a decrease in the fair value of derivatives also driven by an increase in U.S. interest rates. For a discussion of changes in derivatives, see "Derivatives" below.

Under U.S. GAAP, the fair value of the embedded derivatives for certain variable annuity and other living benefit features, reflected in the table above, includes the impact of the market's perception of our own non-performance risk ("NPR"). The additional credit spread over LIBOR rates incorporated into the discount rate as of December 31, 2013, to reflect NPR in the valuation of these embedded derivatives, ranged from 8 to 109 basis points.

The following table provides a demonstration of the sensitivity of these embedded derivatives to our NPR credit spread by quantifying the adjustments that would be required assuming both a 50 basis point parallel increase and decrease in our NPR credit spreads. While the information below is for illustrative purposes only and does not reflect our expectations regarding our credit spreads, it is a near-term, reasonably possible change that illustrates the potential impact of such a change. This information considers only the direct effect of changes in our credit spread on operating results due to the change in these embedded derivatives, and not changes in any other assumptions such as persistency, utilization and mortality, or the effect of these changes on DAC or other balances.

|  | December 31, | December 31, 2012 |
| :---: | :---: | :---: |
|  | (Increase) /Dec <br> Embedded Derivati | (Increase) /Decrease in Embedded Derivative Liability |
|  |  | ions) |
| Increase in credit spread by 50 basis points | \$ 548 | \$ 933 |
| Decrease in credit spread by 50 basis points | \$(769) | \$(1,177) |

For an additional discussion of our variable annuity optional living benefit guarantees accounted for as embedded derivatives and related derivatives used to hedge the changes in fair value of these embedded derivatives, see "Market Risk Related to Certain Variable

Annuity Products" below. For additional information about the key estimates and assumptions used in our determination of fair value, see Note 20 to the Consolidated Financial Statements below. For information on the impacts of a sustained low interest rate environment, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-Executive Summary-Industry TrendsImpact of a Low Interest Rate Environment" above.

## Market Risk Related to Equity Prices

We have exposure to equity price risk through our investments in equity securities, equity-based derivatives and certain variable annuity and other living benefit feature embedded derivatives. Our equity-based derivatives primarily hedge the equity price risk embedded in the living benefit feature embedded derivatives, and are also part of our capital hedging program. Changes in equity prices create risk that the resulting changes in asset values will differ from the changes in the value of the liabilities relating to the underlying or hedged products. Additionally, changes in equity prices may impact other items including, but not limited to, the following:

- Asset-based fees earned on assets under management or contractholder account value
- Estimated total gross profits and the amortization of deferred policy acquisition and other costs
- Net exposure to the guarantees provided under certain products

We manage investment equity price risk against benchmarks in respective markets. We benchmark our return on equity holdings against a blend of market indices, mainly the S\&P 500 and Russell 2000 for U.S. equities. We benchmark foreign equities against the Tokyo Price Index, or TOPIX, and the MSCI EAFE, a market index of European, Australian, and Far Eastern equities. We target price sensitivities that approximate those of the benchmark indices.

We estimate our investment equity price risk from a hypothetical $10 \%$ decline in equity benchmark market levels and measure this risk in terms of the decline in fair market value of equity securities we hold. The following table sets forth the net estimated potential loss in fair value from such a decline as of December 31, 2013 and 2012. While these scenarios are for illustrative purposes only and do not reflect our expectations regarding future performance of equity markets or of our equity portfolio, they represent near term reasonably possible hypothetical changes that illustrate the potential impact of such events. These scenarios consider only the direct impact on fair value of declines in equity benchmark market levels and not changes in asset-based fees recognized as revenue, changes in our estimates of total gross profits used as a basis for amortizing deferred policy acquisition and other costs, or changes in any other assumptions such as market volatility or mortality, utilization or persistency rates in our variable annuity contracts that could also impact the fair value of our living benefit features. In addition, these scenarios do not reflect the impact of basis risk, such as potential differences in the performance of the investment funds underlying the variable annuity products relative to the market indices we use as a basis for developing our hedging strategy. The impact of basis risk could result in larger differences between the change in fair value of the equity-based derivatives and the related living benefit features in comparison to the scenarios above. In calculating these amounts, we exclude separate account equity securities.

|  | As of December 31, 2013 |  |  | As of December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notional | Fair Value | Hypothetical Change in Fair Value | Notional | Fair Value | Hypothetical Change in Fair Value |
|  | (in millions) |  |  |  |  |  |
| Equity securities(1) |  | \$12,287 | \$(1,229) |  | \$10,754 | \$(1,075) |
| Equity-based derivatives(2) | \$72,953 | (78) | 1,170 | \$55,054 | 248 | 1,504 |
| Variable annuity and other living benefit feature embedded derivatives(2)(3) |  | (441) | (852) |  | $(3,348)$ | $(1,052)$ |
| Net estimated potential loss |  |  | \$ (911) |  |  | \$ (623) |

(1) Includes equity securities classified as "trading account assets supporting insurance liabilities" and other equity securities classified as trading securities under U.S. GAAP, but are held for "other than trading" activities in our segments that offer insurance, retirement and annuities products.
(2) The notional and fair value of equity-based derivatives and the fair value of variable annuity and other living benefit feature embedded derivatives are also reflected in amounts under "Market Risk Related to Interest Rates" above, and are not cumulative.
(3) Reflects only the gross change on the embedded derivatives, and excludes any offsetting impact of derivative instruments purchased to hedge such changes.

Net estimated potential loss increased by $\$ 288$ million. The estimated equity price risk associated with the living benefit features accounted for as embedded derivatives decreased due to a decline in the value of the liability; however, this was more than offset by a corresponding change in equity-based derivatives used to hedge these features. For a discussion of changes in derivatives, see "Derivatives" below. For an additional discussion of our variable annuity optional living benefit guarantees accounted for as embedded derivatives and related derivatives used to hedge the changes in fair value of these embedded derivatives, see "Market Risk Related to Certain Variable Annuity Products" below. For additional information regarding our capital hedging program, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-Liquidity and Capital Resources" below.

## Market Risk Related to Foreign Currency Exchange Rates

As a U.S.-based company with significant business operations outside the U.S., particularly in Japan, we are exposed to foreign currency exchange rate risk related to these operations, as well as to our general account investment portfolio and other proprietaryinvestment portfolios.

For our international insurance operations, changes in foreign currency exchange rates create risk that we may experience volatility in the U.S. dollar-equivalent earnings and equity of these operations. We actively manage this risk through various hedging strategies, including the use of foreign currency hedges and through holding U.S. dollar-denominated securities in the investment portfolios of certain of these operations. Separately, our Japanese insurance operations offer a variety of non-yen denominated products which are supported by investments in corresponding currencies. While these non-yen denominated assets are economically matched, the accounting differs for changes in the value of these assets and liabilities due to moves in foreign currency exchange rates, resulting in volatility in reported U.S. GAAP earnings. For further information, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-International Insurance Division-Impact of foreign currency exchange rate movements on earnings-U.S. GAAP earnings impact of products denominated in non-local currencies" above.

For our domestic general account investment portfolios supporting our U.S. insurance operations and other proprietary-investment portfolios, our foreign currency exchange rate risk arises primarily from investments that are denominated in foreign currencies. We manage this risk by hedging substantially all domestic foreign currency-denominated fixed-income investments into U.S. dollars. We generally do not hedge all of the foreign currency risk of our investments in equity securities of unaffiliated foreign entities.

We manage our foreign currency exchange rate risks within specified limits, and by using VaR-based analysis. This statistical technique estimates, at a specified confidence level, the potential pre-tax loss in portfolio market value that could occur over an assumed time horizon due to adverse market movements. For the unhedged portions of our equity investment in international subsidiaries and the foreign currency-denominated investments held in our domestic general account portfolio, we estimate the hypothetical decline in VaR, as well as the average VaR, each measured at a $95 \%$ confidence level and using a one-month time horizon. These calculations use historical price volatilities and correlation data at a $95 \%$ confidence level. The following table sets forth these measures as of the periods indicated.

|  | As of December 31, 2013 |  |  | As of December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | $\begin{gathered} \text { Estimated } \\ \text { VaR } \end{gathered}$ | $\begin{aligned} & \text { Average } \\ & \text { VaR } \end{aligned}$ | $\begin{gathered} \hline \text { Fair } \\ \text { Value } \end{gathered}$ | $\begin{gathered} \text { Estimated } \\ \text { VaR } \end{gathered}$ | $\begin{aligned} & \text { Average } \\ & \text { VaR } \end{aligned}$ |
|  | (in millions) |  |  |  |  |  |
| Unhedged portion of equity investment in international subsidiaries and foreign currency-denominated investments in domestic general account portfolio(1) | \$5,202 | \$(99) | \$(115) | \$4,373 | \$(79) | \$(101) |

(1) Excludes assets and liabilities subject to the impact of foreign exchange rate movements that are hedged with externally-purchased derivatives or are economically matched, as discussed above.

The increase in VaR as of December 31, 2013 was driven by a higher level of foreign exchange rate volatility. For derivatives used to hedge the anticipated level of U.S. dollar-equivalent earnings of our international operations, the estimated hypothetical decline in VaR, measured at a $95 \%$ confidence level and using a one-month time horizon, was $\$ 68$ million and $\$ 81$ million as of December 31, 2013 and December 31, 2012, respectively. For additional information, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-General Account Investments—Portfolio Composition" and "Management's Discussion and Analysis of Financial Condition and Results of Operations-Results of Operations for Financial Services Businesses by Segment-International Insurance Division" above.

Although VaR models are a recognized tool for risk management, they have inherent limitations, including reliance on historical data that may not be indicative of future market conditions or trading patterns. Accordingly, VaR models should not be viewed as a predictor of future results. We may incur losses that could be materially in excess of the amounts indicated by the models on a particular trading day or over a period of time, and there have been instances when results have fallen outside the values generated by our VaR models. A VaR model does not estimate the greatest possible loss. The results of these models and analysis thereof are subject to the judgment of our risk management personnel.

## Derivatives

We use derivative financial instruments primarily to reduce market risk from changes in interest rates, equity prices and foreign currency exchange rates, including their use to alter interest rate or foreign currency exposures arising from mismatches between assets and liabilities. Our derivatives primarily include swaps, futures, options and forward contracts that are exchange-traded or contracted in the over-the-counter market.

Our derivatives also include interest rate guarantees we provide on our synthetic GIC products. Synthetic GICs simulate the performance of traditional insurance-related GICs but are accounted for as derivatives under U.S. GAAP due to the fact that the policyholders own the underlying assets, and we only provide a book value "wrap" on the customers' funds, which are held in a clientowned trust. Since these wraps provide payment of guaranteed principal and interest to the customer, changes in interest rates create risk that declines in the market value of customers' funds would increase our net exposure to these guarantees; however, this risk is minimal due to several mitigating factors. Our obligation is limited to payments that are in excess of the existing customers' fund value. Additionally, we have the ability to periodically reset crediting rates, subject to a $0 \%$ minimum floor, as well as the ability to increase prices. Further, our contract provisions provide that, although participants may withdraw funds at book value, contractholder withdrawals may only occur at market value immediately, or at book value over time. These factors, among others, result in these contracts experiencing minimal changes in fair value, despite a more significant notional value.

Our derivatives also include those that are embedded in certain financial instruments, and primarily relate to certain optional living benefit features associated with our variable annuity products, as discussed in more detail in "Market Risk Related to Certain Variable Annuity Products" below.

The notional amount of derivative instruments increased $\$ 33$ billion in 2013, from $\$ 294$ billion as of December 31, 2012 to $\$ 327$ billion as of December 31, 2013. The increase was primarily related to our variable annuity hedging activities and our capital hedge program. For additional information on our derivative activities, see Note 21 to the Consolidated Financial Statements below.

## Market Risk Related to Certain Variable Annuity Products

The primary risk exposures of our variable annuity contracts relate to actual deviations from, or changes to, the assumptions used in the original pricing of these products, including capital markets assumptions, such as equity market returns, interest rates and market volatility and actuarial assumptions. For our capital markets assumptions, we hedge or limit our exposure to the risk created by capital markets fluctuations through a combination of product design elements, such as an automatic rebalancing element and inclusion of certain optional living benefits in our living benefits hedging program. Certain variable annuity optional living benefit features are accounted for as an embedded derivative and recorded at fair value. The market risk sensitivities associated with U.S. GAAP values of both the embedded derivatives and the related derivatives used to hedge the changes in fair value of these embedded derivatives are provided under "Market Risk Related to Interest Rates" and "Market Risk Related to Equity Prices" above.

For additional information regarding our risk management strategies, including our living benefit hedging program and other product design elements, see "Management's Discussion and Analysis of Financial Condition and Results of Operations-Results of Operations for Financial Services Businesses by Segment-Individual Annuities" above.

## CONSOLIDATED FINANCIAL STATEMENTS

## Management's Annual Report on Internal Control Over Financial Reporting

Management of Prudential Financial, Inc. (together with its consolidated subsidiaries, the "Company") is responsible for establishing and maintaining adequate internal control over financial reporting. Management conducted an assessment of the effectiveness, as of December 31, 2013, of the Company's internal control over financial reporting, based on the framework established in Internal ControlIntegrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on our assessment under that framework, management concluded that the Company's internal control over financial reporting was effective as of December 31, 2013.

Our internal control over financial reporting is a process designed by or under the supervision of our principal executive and principal financial officers to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Our internal control over financial reporting includes policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures are being made only in accordance with authorizations of management and the directors of the Company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Company's assets that could have a material effect on our financial statements.

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

The effectiveness of the Company's internal control over financial reporting as of December 31, 2013 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report appearing herein.

February 27, 2014

## Report of Independent Registered Public Accounting Firm

## To the Board of Directors and Stockholders of Prudential Financial, Inc.:

In our opinion, the accompanying consolidated statements of financial position and the related consolidated statements of operations, comprehensive income, equity and cash flows present fairly, in all material respects, the financial position of Prudential Financial, Inc. and its subsidiaries at December 31, 2013 and December 31, 2012, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2013 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2013, based on criteria established in the Internal Control—Integrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). The Company's management is responsible for these financial statements and financial statement schedules, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Annual Report on Internal Control over Financial Reporting. Our responsibility is to express opinions on these financial statements, on the financial statement schedules, and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

Our audits were conducted for the purpose of forming an opinion on the consolidated financial statements taken as a whole. The accompanying supplemental combining financial information is presented for the purposes of additional analysis of the consolidated financial statements rather than to present the financial position and results of operations of the individual components. Such supplemental information has been subjected to the auditing procedures applied in the audits of the consolidated financial statements and, in our opinion, is fairly stated in all material respects in relation to the consolidated financial statements taken as a whole.

As discussed in Note 2 to the consolidated financial statements, in 2013 the Company changed, retrospectively, the manner in which it accounts for performance-based incentive fee revenue.

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

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

## 

New York, New York
February 27, 2014

## PRUDENTIAL FINANCIAL, INC.

## Consolidated Statements of Financial Position December 31, 2013 and 2012 (in millions, except share amounts)

|  | 2013 | 2012 |
| :---: | :---: | :---: |
| ASSETS |  |  |
| Fixed maturities, available-for-sale, at fair value (amortized cost: 2013 - \$268,727; 2012 - \$277,654)(1) | \$286,866 | \$301,336 |
| Fixed maturities, held-to-maturity, at amortized cost (fair value: 2013-\$3,553; 2012 - \$4,511)(1) | 3,312 | 4,268 |
| Trading account assets supporting insurance liabilities, at fair value(1) | 20,827 | 20,590 |
| Other trading account assets, at fair value(1) | 6,453 | 6,328 |
| Equity securities, available-for-sale, at fair value (cost: 2013 - \$7,003; 2012 - \$6,759) | 9,910 | 8,277 |
| Commercial mortgage and other loans (includes $\$ 158$ and $\$ 162$ measured at fair value under the fair value option at December 31, 2013 and December 31, 2012, respectively)(1) | 41,008 | 36,733 |
| Policy loans | 11,766 | 11,575 |
| Other long-term investments (includes $\$ 873$ and $\$ 465$ measured at fair value under the fair value option at December 31, 2013 and December 31, 2012, respectively)(1) | 10,328 | 10,028 |
| Short-term investments | 7,703 | 6,447 |
| Total investments | 398,173 | 405,582 |
| Cash and cash equivalents(1) | 11,439 | 18,100 |
| Accrued investment income(1) | 3,089 | 3,127 |
| Deferred policy acquisition costs | 16,512 | 14,100 |
| Value of business acquired | 3,675 | 3,248 |
| Other assets(1) | 13,833 | 11,824 |
| Separate account assets | 285,060 | 253,254 |
| TOTAL ASSETS | \$731,781 | \$709,235 |
| LIABILITIES AND EQUITY |  |  |
| LIABILITIES |  |  |
| Future policy benefits | \$206,859 | \$216,050 |
| Policyholders' account balances(1) | 136,657 | 134,413 |
| Policyholders' dividends | 5,515 | 7,507 |
| Securities sold under agreements to repurchase | 7,898 | 5,818 |
| Cash collateral for loaned securities | 5,040 | 3,941 |
| Income taxes | 5,422 | 8,512 |
| Short-term debt | 2,669 | 2,484 |
| Long-term debt | 23,553 | 24,729 |
| Other liabilities(1) | 13,925 | 11,838 |
| Notes issued by consolidated variable interest entities (includes $\$ 3,254$ and $\$ 1,406$ measured at fair value under the fair value option at December 31, 2013 and December 31, 2012, respectively)(1) | 3,302 | 1,577 |
| Separate account liabilities | 285,060 | 253,254 |
| Total liabilities | 695,900 | 670,123 |
| COMMITMENTS AND CONTINGENT LIABILITIES (See Note 23) |  |  |
| EQUITY |  |  |
| Preferred Stock (\$.01 par value; 10,000,000 shares authorized; none issued) | 0 | 0 |
| Common Stock ( $\$ .01$ par value; $1,500,000,000$ shares authorized; $660,111,319$ and $660,111,307$ shares issued at December 31, 2013 and December 31, 2012, respectively) | 6 | 6 |
| Class B Stock ( $\$ .01$ par value; $10,000,000$ shares authorized; $2,000,000$ shares issued and outstanding at December 31, 2013 and December 31, 2012, respectively) | , |  |
| Additional paid-in capital | 24,475 | 24,380 |
| Common Stock held in treasury, at cost (199,056,067 and 197,077,940 shares at December 31, 2013 and December 31, 2012, respectively) | $(12,415)$ | $(12,163)$ |
| Accumulated other comprehensive income (loss) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 8,681 | 10,214 |
| Retained earnings | 14,531 | 16,066 |
| Total Prudential Financial, Inc. equity | 35,278 | 38,503 |
| Noncontrolling interests | 603 | 609 |
| Total equity | 35,881 | 39,112 |
| TOTAL LIABILITIES AND EQUITY | \$731,781 | \$709,235 |

(1) See Note 5 for details of balances associated with variable interest entities.

PRUDENTIAL FINANCIAL, INC.
Consolidated Statements of Operations
Years Ended December 31, 2013, 2012 and 2011 (in millions, except per share amounts)


## PRUDENTIAL FINANCIAL, INC.

## Consolidated Statements of Comprehensive Income Years Ended December 31, 2013, 2012 and 2011 (in millions)

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
| NET INCOME (LOSS) | \$ (560) |  | \$3,666 |
| Other comprehensive income (loss), before tax: |  |  |  |
| Foreign currency translation adjustments for the period | $(1,487)$ | (263) | 315 |
| Net unrealized investment gains (losses) | $(1,528)$ | 8,632 | 3,834 |
| Defined benefit pension and postretirement unrecognized periodic benefit | 874 | (699) | (297) |
| Total | $(2,141)$ | 7,670 | 3,852 |
| Less:Income tax expense (benefit) related to other comprehensive income (loss) | (582) | 2,667 | 1,301 |
| Other comprehensive income (loss), net of taxes | $(1,559)$ | 5,003 | 2,551 |
| Comprehensive Income (loss) | $(2,119)$ | 5,573 | 6,217 |
| Less: Comprehensive income (loss) attributable to noncontrolling interests | 81 | 84 | (10) |
| Comprehensive income (loss) attributable to Prudential Financial, Inc. | \$(2,200) | \$5,489 | \$6,227 |

## PRUDENTIAL FINANCIAL, INC.

## Consolidated Statements of Equity(1) Years Ended December 31, 2013, 2012 and 2011 (in millions)

|  | Common Stock | Additional Paid-in Capital | Retained Earnings | Common Stock Held In <br> Treasury | Accumulated Other Comprehensive Income (Loss) | Total Prudential Financial, Inc. Equity | Noncontrolling Interests | Total Equity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance, December 31, 2010 | \$6 | \$24,223 | \$13,829 | \$(11,173) | \$ 2,650 | \$29,535 | \$ 513 | \$30,048 |
| Impact of adoption of accounting changes |  |  | (189) |  |  | (189) | (41) | (230) |
| Common Stock acquired |  |  |  | (999) |  | (999) |  | (999) |
| Common Stock issued |  |  |  |  |  |  |  |  |
| Contributions from noncontrolling interests |  |  |  |  |  |  | 9 | 9 |
| Distributions to noncontrolling interests |  |  |  |  |  |  | (15) | (15) |
| Consolidations/(deconsolidations) of noncontrolling interests |  |  |  |  |  |  | 53 | 53 |
| Stock-based compensation programs |  | 70 | (58) | 252 |  | 264 |  | 264 |
| Dividends declared on Common Stock |  |  | (689) |  |  | (689) |  | (689) |
| Dividends declared on Class B Stock |  |  | (19) |  |  | (19) |  | (19) |
| Comprehensive income: |  |  |  |  |  |  |  |  |
| Net income |  |  | 3,632 |  |  | 3,632 | 34 | 3,666 |
| Other comprehensive income, net of tax |  |  |  |  | 2,595 | 2,595 | (44) | 2,551 |
| Total comprehensive income (loss) |  |  |  |  |  | 6,227 | (10) | 6,217 |
| Balance, December 31, 2011 | 6 | 24,293 | 16,506 | $(11,920)$ | 5,245 | 34,130 | 509 | 34,639 |
| Common Stock acquired |  |  |  | (650) |  | (650) |  | (650) |
| Common Stock issued |  |  |  |  |  |  |  |  |
| Contributions from noncontrolling interests |  |  |  |  |  |  | 4 | 4 |
| Distributions to noncontrolling interests |  |  |  |  |  |  | (85) | (85) |
| Consolidations/(deconsolidations) of noncontrolling interests |  |  |  |  |  |  | 97 | 97 |
| Stock-based compensation programs |  | 87 | (192) | 407 |  | 302 |  | 302 |
| Dividends declared on Common Stock |  |  | (749) |  |  | (749) |  | (749) |
| Dividends declared on Class B Stock |  |  | (19) |  |  | (19) |  | (19) |
| Comprehensive income: |  |  |  |  |  |  |  |  |
| Net income |  |  | 520 |  |  | 520 | 50 | 570 |
| Other comprehensive income, net of tax |  |  |  |  | 4,969 | 4,969 | 34 | 5,003 |
| Total comprehensive income (loss) |  |  |  |  |  | 5,489 | 84 | 5,573 |
| Balance, December 31, 2012 | 6 | 24,380 | 16,066 | $(12,163)$ | 10,214 | 38,503 | 609 | 39,112 |
| Common Stock acquired |  |  |  | (750) |  | (750) |  | (750) |
| Common Stock issued |  |  |  |  |  |  |  |  |
| Contributions from noncontrolling interests |  |  |  |  |  |  | 4 | 4 |
| Distributions to noncontrolling interests |  |  |  |  |  |  | (113) | (113) |
| Consolidations/(deconsolidations) of noncontrolling interests |  |  |  |  |  |  | 22 | 22 |
| Stock-based compensation programs |  | 95 | (39) | 498 |  | 554 |  | 554 |
| Dividends declared on Common Stock |  |  | (810) |  |  | (810) |  | (810) |
| Dividends declared on Class B Stock |  |  | (19) |  |  | (19) |  | (19) |
| Comprehensive income: |  |  |  |  |  |  |  |  |
| Net income |  |  | (667) |  |  | (667) | 107 | (560) |
| Other comprehensive income, net of tax |  |  |  |  | $(1,533)$ | $(1,533)$ | (26) | $(1,559)$ |
| Total comprehensive income (loss) |  |  |  |  |  | $(2,200)$ | 81 | $(2,119)$ |
| Balance, December 31, 2013 | \$6 | \$24,475 | \$14,531 | \$(12,415) | \$ 8,681 | \$35,278 | \$ 603 | \$35,881 |

(1) Class B Stock is not presented as the amounts are immaterial.

## PRUDENTIAL FINANCIAL, INC.

## Consolidated Statements of Cash Flows Years Ended December 31, 2013, 2012 and 2011 (in millions)

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
| CASH FLOWS FROM OPERATING ACTIVITIES |  |  |  |
| Net income (loss) | \$ (560) | \$ 570 | \$ 3,666 |
| Adjustments to reconcile net income (loss) to net cash provided by operating activities: |  |  |  |
| Realized investment (gains) losses, net | 5,206 | 1,441 | $(2,831)$ |
| Policy charges and fee income | $(1,649)$ | $(1,412)$ | $(1,147)$ |
| Interest credited to policyholders' account balances | 3,111 | 4,234 | 4,484 |
| Depreciation and amortization | 411 | 302 | 290 |
| (Gains) losses on trading account assets supporting insurance liabilities, net | 250 | (613) | (235) |
| Change in: |  |  |  |
| Deferred policy acquisition costs | $(2,661)$ | $(2,061)$ | (376) |
| Future policy benefits and other insurance liabilities | 8,379 | 17,784 | 6,799 |
| Other trading account assets . . . . . . . . . . . . . . . . | (33) | (33) | 329 |
| Income taxes | $(1,343)$ | 527 | (83) |
| Other, net | $(2,666)$ | 170 | 1,481 |
| Cash flows from operating activities | 8,445 | 20,909 | 12,377 |
| CASH FLOWS FROM INVESTING ACTIVITIES |  |  |  |
| Proceeds from the sale/maturity/prepayment of: |  |  |  |
| Fixed maturities, available-for-sale | 60,719 | 38,678 | 42,548 |
| Fixed maturities, held-to-maturity | 587 | 528 | 455 |
| Trading account assets supporting insurance liabilities and other trading account assets | 19,412 | 15,347 | 22,388 |
| Equity securities, available-for-sale . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 4,227 | 4,202 | 3,742 |
| Commercial mortgage and other loans | 6,501 | 5,327 | 4,814 |
| Policy loans | 2,231 | 2,241 | 2,035 |
| Other long-term investments | 1,873 | 1,474 | 2,120 |
| Short-term investments | 60,002 | 28,123 | 27,098 |
| Payments for the purchase/origination of: |  |  |  |
| Fixed maturities, available-for-sale . | $(67,774)$ | $(52,212)$ | $(52,045)$ |
| Fixed maturities, held-to-maturity | (208) | (18) | (76) |
| Trading account assets supporting insurance liabilities and other trading account assets | $(22,552)$ | $(16,115)$ | $(23,684)$ |
| Equity securities, available-for-sale | $(4,301)$ | $(4,001)$ | $(3,080)$ |
| Commercial mortgage and other loans | $(10,316)$ | $(7,066)$ | $(6,829)$ |
| Policy loans | $(1,831)$ | $(2,012)$ | $(1,815)$ |
| Other long-term investments | $(2,850)$ | $(1,736)$ | $(1,865)$ |
| Short-term investments ... | $(61,034)$ | $(28,323)$ | $(26,962)$ |
| Acquisitions, net of cash acquired. | (488) | 0 | $(2,321)$ |
| Other, net | (532) | 143 | 182 |
| Cash flows used in investing activities | $(16,334)$ | $(15,420)$ | $(13,295)$ |
| CASH FLOWS FROM FINANCING ACTIVITIES |  |  |  |
| Policyholders', account deposits | 24,721 | 22,822 | 24,336 |
| Policyholders' account withdrawals | $(24,960)$ | $(24,014)$ | $(22,564)$ |
| Net change in securities sold under agreements to repurchase and cash collateral for loaned securities | 3,200 | 584 | 1,126 |
| Cash dividends paid on Common Stock | (828) | (749) | (685) |
| Cash dividends paid on Class B Stock | (19) | (19) | (19) |
| Net change in financing arrangements (maturities 90 days or less) | 96 | (583) | 104 |
| Common Stock acquired . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | (738) | (650) | (999) |
| Common Stock reissued for exercise of stock options | 348 | 150 | 122 |
| Proceeds from the issuance of debt (maturities longer than 90 days) | 2,813 | 4,662 | 2,266 |
| Repayments of debt (maturities longer than 90 days) | $(3,939)$ | $(3,391)$ | $(1,739)$ |
| Excess tax benefits from share-based payment arrangements | 32 | (1731 | 20 |
| Change in bank deposits . . . . . . . . . . . . . . . . . . | 0 | $(1,730)$ | (22) |
| Other, net . . . . . . . | 1,516 | 1,562 | 153 |
| Cash flows from (used in) financing activities | 2,242 | $(1,305)$ | 2,099 |
| Effect of foreign exchange rate changes on cash balances | $(1,014)$ | (335) | 155 |
| NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS | $(6,661)$ | 3,849 | 1,336 |
| CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR | 18,100 | 14,251 | 12,915 |
| CASH AND CASH EQUIVALENTS, END OF YEAR | \$ 11,439 | \$ 18,100 | \$ 14,251 |
| SUPPLEMENTAL CASH FLOW INFORMATION |  |  |  |
| Income taxes paid, net of refunds | \$ 1,279 | \$ 501 | \$ 809 |
| Interest paid | \$ 1,387 | \$ 1,349 | \$ 1,285 |
| NON-CASH TRANSACTIONS DURING THE YEAR |  |  |  |
| Treasury Stock shares issued for stock-based compensation programs | \$ 105 | \$ 211 | \$ 77 |
| Federal Home Loan Bank of New York debt reissued as funding agreements and reported as policyholde balances | \$ 0 | \$ 445 | \$ 0 |
| Assets received and related liabilities recorded from two significant Pension Risk Transfer transactions | \$ 0 | \$ 33,423 | \$ 0 |
| Acquisition of The Hartford's individual life business (See Note 3): |  |  |  |
| Assets acquired, excluding cash and cash equivalents acquired | \$ 11,056 | \$ 0 | \$ 0 |
| Liabilities assumed | \$ 10,568 | \$ 0 | \$ 0 |
| Net cash paid on acquisition | \$ 488 | \$ 0 | \$ 0 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 1. BUSINESS AND BASIS OF PRESENTATION

Prudential Financial, Inc. ("Prudential Financial") and its subsidiaries (collectively, "Prudential" or the "Company") provide a wide range of insurance, investment management, and other financial products and services to both individual and institutional customers throughout the United States and in many other countries. Principal products and services provided include life insurance, annuities, retirement-related services, mutual funds, and investment management. The Company has organized its principal operations into the Financial Services Businesses and the Closed Block Business. The Financial Services Businesses operate through three operating divisions: U.S. Retirement Solutions and Investment Management, U.S. Individual Life and Group Insurance, and International Insurance. The Company's businesses that are not sufficiently material to warrant separate disclosure and divested businesses, are included in Corporate and Other operations within the Financial Services Businesses. The Closed Block Business, which includes the Closed Block (see Note 12), is managed separately from the Financial Services Businesses. The Closed Block Business was established on the date of demutualization and includes the Company's in force participating insurance and annuity products and assets that are used for the payment of benefits and policyholders' dividends on these products, as well as other assets and equity that support these products and related liabilities. In connection with the demutualization, the Company ceased offering these participating products.

## Demutualization

On December 18, 2001 (the "date of demutualization"), The Prudential Insurance Company of America ("Prudential Insurance") converted from a mutual life insurance company to a stock life insurance company and became an indirect, wholly-owned subsidiary of Prudential Financial. At the time of demutualization Prudential Financial issued two classes of common stock, both of which remain outstanding. The Common Stock, which is publicly traded, reflects the performance of the Financial Services Businesses, and the Class B Stock, which was issued through a private placement, reflects the performance of the Closed Block Business.

## Basis of Presentation

The Consolidated Financial Statements include the accounts of Prudential Financial, entities over which the Company exercises control, including majority-owned subsidiaries and minority-owned entities such as limited partnerships in which the Company is the general partner, and variable interest entities in which the Company is considered the primary beneficiary. See Note 5 for more information on the Company's consolidated variable interest entities. The Consolidated Financial Statements have been prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP"). Intercompany balances and transactions have been eliminated.

The Company's Gibraltar Life Insurance Company, Ltd. ("Gibraltar Life") consolidated operations, including the previously-acquired AIG Star Life Insurance Co., Ltd., AIG Edison Life Insurance Company, AIG Financial Assurance Japan K.K., and AIG Edison Service Co., Ltd. (collectively the "Star and Edison Businesses") use a November 30 fiscal year end for purposes of inclusion in the Company's Consolidated Financial Statements. Therefore, the Consolidated Financial Statements as of December 31, 2013 and 2012 include the assets and liabilities of Gibraltar Life as of November 30, 2013 and 2012, respectively, and for the years ended December 31, 2013, 2012 and 2011, include Gibraltar Life's results of operations for the twelve months ended November 30, 2013, 2012 and 2011, respectively.

## Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

The most significant estimates include those used in determining deferred policy acquisition costs and related amortization; value of business acquired and its amortization; amortization of sales inducements; measurement of goodwill and any related impairment; valuation of investments including derivatives and the recognition of other-than-temporary impairments; future policy benefits including guarantees; pension and other postretirement benefits; provision for income taxes and valuation of deferred tax assets; and reserves for contingent liabilities, including reserves for losses in connection with unresolved legal matters.

## Out of Period Adjustments

As previously disclosed in its Annual Report on Form 10-K for the year ended December 31, 2012, during 2012, the Company recorded out of period adjustments resulting in an aggregate net decrease of $\$ 170$ million to "Income from continuing operations before income taxes and equity in earnings of operating joint ventures" for the year ended December 31, 2012. These adjustments primarily resulted from 1) a decline in the value of a real estate-related investment, where, based on a review of the underlying collateral and a related guarantee, the Company determined that impairments of $\$ 75$ million should be recognized, of which $\$ 61$ million should have been recorded in prior years; 2) an increase of $\$ 61$ million in reserves for estimated payments arising from use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders which should have been reflected in the third quarter of 2011; and 3) an increase of $\$ 54$ million in recorded liabilities for certain employee benefits based on a review of the consistency of recognition of such liabilities across the Company which should have been recorded in prior years. Management evaluated the adjustments and concluded they were not material to any previously reported quarterly or annual financial statements. For additional information on the impact of these adjustments to our operating segments, see Note 22.

## Reclassifications

Certain amounts in prior years have been reclassified to conform to the current year presentation.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS

## Share-Based Payments

The Company recognizes the cost resulting from all share-based payments in accordance with the authoritative guidance on accounting for stock based compensation and applies the fair value-based measurement method in accounting for share-based payment transactions with employees except for equity instruments held by employee share ownership plans. The Company accounts for excess tax benefits in additional paid-in capital as a single "pool" available to all share-based compensation awards. The Company does not recognize excess tax benefits in additional paid-in capital until the benefits result in a reduction in taxes payable. The Company has elected the "taxlaw ordering methodology" and has adopted a convention that considers excess tax benefits to be the last portion of a net operating loss carryforward to be utilized.

The Company accounts for non-employee stock options using the fair value method in accordance with authoritative guidance and related interpretations on accounting for equity instruments that are issued to other than employees for acquiring, or in conjunction with selling, goods or services.

## Earnings Per Share

As discussed in Note 1, the Company has outstanding two separate classes of common stock. Basic earnings per share is computed by dividing available income attributable to each of the two groups of common shareholders by the respective weighted average number of common shares outstanding for the period. Diluted earnings per share includes the effect of all dilutive potential common shares that were outstanding during the period.

As discussed under "Share-Based Payments" above, the Company accounts for excess tax benefits in additional paid-in capital as a single "pool" available to all share-based compensation awards. The Company reflects in assumed proceeds, based on application of the treasury stock method, the excess tax benefits that would be recognized in additional paid-in capital upon exercise or release of the award.

## Investments and Investment-Related Liabilities

The Company's principal investments are fixed maturities; equity securities; commercial mortgage and other loans; policy loans; other long-term investments, including joint ventures (other than operating joint ventures), limited partnerships, and real estate; and short-term investments. Investments and investment-related liabilities also include securities repurchase and resale agreements and securities lending transactions. The accounting policies related to each are as follows:

Fixed maturities are comprised of bonds, notes and redeemable preferred stock. Fixed maturities classified as "available-for-sale" are carried at fair value. See Note 20 for additional information regarding the determination of fair value. Fixed maturities that the Company has both the positive intent and ability to hold to maturity are carried at amortized cost and classified as "held-to-maturity." The amortized cost of fixed maturities is adjusted for amortization of premiums and accretion of discounts to maturity. Interest income, as well as the related amortization of premium and accretion of discount, is included in "Net investment income" under the effective yield method. For mortgage-backed and asset-backed securities, the effective yield is based on estimated cash flows, including interest rate and prepayment assumptions based on data from widely accepted third-party data sources or internal estimates. In addition to interest rate and prepayment assumptions, cash flow estimates also vary based on other assumptions regarding the underlying collateral, including default rates and changes in value. These assumptions can significantly impact income recognition and the amount of other-than-temporary impairments recognized in earnings and other comprehensive income. For high credit quality mortgage-backed and asset-backed securities (those rated AA or above), cash flows are provided quarterly, and the amortized cost and effective yield of the security are adjusted as necessary to reflect historical prepayment experience and changes in estimated future prepayments. The adjustments to amortized cost are recorded as a charge or credit to net investment income in accordance with the retrospective method. For mortgage-backed and asset-backed securities rated below AA, or those for which an other than temporary impairment has been recorded, the effective yield is adjusted prospectively for any changes in estimated cash flows. See the discussion below on realized investment gains and losses for a description of the accounting for impairments. Unrealized gains and losses on fixed maturities classified as "available-for-sale," net of tax, and the effect on deferred policy acquisition costs, value of business acquired, deferred sales inducements ("DSI"), future policy benefits and policyholders' dividends that would result from the realization of unrealized gains and losses, are included in "Accumulated other comprehensive income (loss)" ("AOCI").
"Trading account assets supporting insurance liabilities, at fair value" includes invested assets that support certain products included in the Retirement segment, as well as certain products included in the International Insurance segment, which are experience rated, meaning that the investment results associated with these products are expected to ultimately accrue to contractholders. Realized and unrealized gains and losses for these investments are reported in "Asset management fees and other income." Interest and dividend income from these investments is reported in "Net investment income."
"Other trading account assets, at fair value" consist primarily of fixed maturities, equity securities, including certain perpetual preferred stock, and certain derivatives. Realized and unrealized gains and losses on these investments are reported in "Asset management fees and other income," and interest and dividend income from these investments is reported in "Net investment income." Realized and unrealized gains and losses, and interest and dividend income on investments related to the Company's former global commodities group are reported in "Income from discontinued operations, net of taxes." See "Derivative Financial Instruments" below for additional information regarding the accounting for derivatives
"Equity securities available-for-sale, at fair value" are comprised of common stock, mutual fund shares and non-redeemable preferred stock, and are carried at fair value. The associated unrealized gains and losses, net of tax, and the effect on deferred policy acquisition costs, value of business acquired, DSI, future policy benefits and policyholders' dividends that would result from the realization of

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

unrealized gains and losses, are included in AOCI. The cost of equity securities is written down to fair value when a decline in value is considered to be other-than-temporary. See the discussion below on realized investment gains and losses for a description of the accounting for impairments. Dividends from these investments are recognized in "Net investment income" when earned.
"Commercial mortgage and other loans" consist of commercial mortgage loans, agricultural loans, loans backed by residential properties, as well as certain other collateralized and uncollateralized loans. Loans backed by residential properties primarily include recourse loans held by the Company's international insurance businesses. Uncollateralized loans primarily represent reverse dual currency loans and corporate loans held by the Company's international insurance businesses.

Commercial mortgage and other loans originated and held for investment are generally carried at unpaid principal balance, net of unamortized deferred loan origination fees and expenses, and net of an allowance for losses. Commercial mortgage loans originated within the Company's commercial mortgage operations include loans held for sale which are reported at the lower of cost or fair value; loans held for investment which are reported at amortized cost net of unamortized deferred loan origination fees and expenses, and net of an allowance for losses; and loans reported at fair value under the fair value option. Commercial mortgage and other loans acquired, including those related to the acquisition of a business, are recorded at fair value when purchased, reflecting any premiums or discounts to unpaid principal balances.

Interest income, as well as prepayment fees and the amortization of the related premiums or discounts, related to commercial mortgage and other loans, are included in "Net investment income."

Impaired loans include those loans for which it is probable that amounts due will not all be collected according to the contractual terms of the loan agreement. The Company defines "past due" as principal or interest not collected at least 30 days past the scheduled contractual due date. Interest received on loans that are past due, including impaired and non-impaired loans as well as loans that were previously modified in a troubled debt restructuring, is either applied against the principal or reported as net investment income based on the Company's assessment as to the collectability of the principal. See Note 4 for additional information about the Company's past due loans.

The Company discontinues accruing interest on loans after the loans become 90 days delinquent as to principal or interest payments, or earlier when the Company has doubts about collectability. When the Company discontinues accruing interest on a loan, any accrued but uncollectible interest on the loan and other loans backed by the same collateral, if any, is charged to interest income in the same period. Generally, a loan is restored to accrual status only after all delinquent interest and principal are brought current and, in the case of loans where the payment of interest has been interrupted for a substantial period, or the loan has been modified, a regular payment performance has been established.

The Company reviews the performance and credit quality of the commercial mortgage and other loan portfolio on an on-going basis. Loans are placed on watch list status based on a predefined set of criteria and are assigned one of three categories. Loans are placed on "early warning" status in cases where, based on the Company's analysis of the loan's collateral, the financial situation of the borrower or tenants or other market factors, it is believed a loss of principal or interest could occur. Loans are classified as "closely monitored" when it is determined that there is a collateral deficiency or other credit events that may lead to a potential loss of principal or interest. Loans "not in good standing" are those loans where the Company has concluded that there is a high probability of loss of principal, such as when the loan is delinquent or in the process of foreclosure. As described below, in determining the allowance for losses, the Company evaluates each loan on the watch list to determine if it is probable that amounts due will not be collected according to the contractual terms of the loan agreement.

Loan-to-value and debt service coverage ratios are measures commonly used to assess the quality of commercial mortgage loans. The loan-to-value ratio compares the amount of the loan to the fair value of the underlying property collateralizing the loan, and is commonly expressed as a percentage. Loan-to-value ratios greater than $100 \%$ indicate that the loan amount exceeds the collateral value. A smaller loan-to-value ratio indicates a greater excess of collateral value over the loan amount. The debt service coverage ratio compares a property's net operating income to its debt service payments. Debt service coverage ratios less than 1.0 times indicate that property operations do not generate enough income to cover the loan's current debt payments. A larger debt service coverage ratio indicates a greater excess of net operating income over the debt service payments. The values utilized in calculating these ratios are developed as part of the Company's periodic review of the commercial mortgage loan and agricultural loan portfolio, which includes an internal appraisal of the underlying collateral value. The Company's periodic review also includes a quality re-rating process, whereby the internal quality rating originally assigned at underwriting is updated based on current loan, property and market information using a proprietary quality rating system. The loan-to-value ratio is the most significant of several inputs used to establish the internal credit rating of a loan which in turn drives the allowance for losses. Other key factors considered in determining the internal credit rating include debt service coverage ratios, amortization, loan term, estimated market value growth rate and volatility for the property type and region. See Note 4 for additional information related to the loan-to-value ratios and debt service coverage ratios related to the Company's commercial mortgage and agricultural loan portfolios.

Loans backed by residential properties and uncollateralized loans are also reviewed periodically. Each loan is assigned an internal or external credit rating. Internal credit ratings take into consideration various factors including financial ratios and qualitative assessments based on non-financial information. In cases where there are personal or third party guarantors, the credit quality of the guarantor is also reviewed. These factors are used in developing the allowance for losses. Based on the diversity of the loans in these categories and their immateriality, the Company has not disclosed the credit quality indicators related to these loans in Note 4.

For those loans not reported at fair value, the allowance for losses includes a loan specific reserve for each impaired loan that has a specifically identified loss and a portfolio reserve for probable incurred but not specifically identified losses. For impaired commercial mortgage and other loans the allowances for losses are determined based on the present value of expected future cash flows discounted at the loan's effective interest rate, or based upon the fair value of the collateral if the loan is collateral dependent. The portfolio reserves for

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

probable incurred but not specifically identified losses in the commercial mortgage and agricultural loan portfolios consider the current credit composition of the portfolio based on an internal quality rating, (as described above). The portfolio reserves are determined using past loan experience, including historical credit migration, loss probability and loss severity factors by property type. These factors are reviewed each quarter and updated as appropriate.

The allowance for losses on commercial mortgage and other loans can increase or decrease from period to period based on the factors noted above. "Realized investment gains (losses), net" includes changes in the allowance for losses and changes in value for loans accounted for under the fair value option. "Realized investment gains (losses), net" also includes gains and losses on sales, certain restructurings, and foreclosures.

When a commercial mortgage or other loan is deemed to be uncollectible, any specific valuation allowance associated with the loan is reversed and a direct write down to the carrying amount of the loan is made. The carrying amount of the loan is not adjusted for subsequent recoveries in value

Commercial mortgage and other loans are occasionally restructured in a troubled debt restructuring. These restructurings generally include one or more of the following: full or partial payoffs outside of the original contract terms; changes to interest rates; extensions of maturity; or additions or modifications to covenants. Additionally, the Company may accept assets in full or partial satisfaction of the debt as part of a troubled debt restructuring. When restructurings occur, they are evaluated individually to determine whether the restructuring or modification constitutes a "troubled debt restructuring" as defined by authoritative accounting guidance. If the borrower is experiencing financial difficulty and the Company has granted a concession, the restructuring, including those that involve a partial payoff or the receipt of assets in full satisfaction of the debt is deemed to be a troubled debt restructuring. Based on the Company's credit review process described above, these loans generally would have been deemed impaired prior to the troubled debt restructuring, and specific allowances for losses would have been established prior to the determination that a troubled debt restructuring has occurred.

In a troubled debt restructuring where the Company receives assets in full satisfaction of the debt, any specific valuation allowance is reversed and a direct write down of the loan is recorded for the amount of the allowance, and any additional loss, net of recoveries, or any gain is recorded for the difference between the fair value of the assets received and the recorded investment in the loan. When assets are received in partial settlement, the same process is followed, and the remaining loan is evaluated prospectively for impairment based on the credit review process noted above. When a loan is restructured in a troubled debt restructuring, the impairment of the loan is remeasured using the modified terms and the loan's original effective yield, and the allowance for loss is adjusted accordingly. Subsequent to the modification, income is recognized prospectively based on the modified terms of the loans in accordance with the income recognition policy noted above. Additionally, the loan continues to be subject to the credit review process noted above.

In situations where a loan has been restructured in a troubled debt restructuring and the loan has subsequently defaulted, this factor is considered when evaluating the loan for a specific allowance for losses in accordance with the credit review process noted above.

See Note 4 for additional information about commercial mortgage and other loans that have been restructured in a troubled debt restructuring.
"Policy loans" are carried at unpaid principal balances. Interest income on policy loans is recognized in net investment income at the contract interest rate when earned. Policy loans are fully collateralized by the cash surrender value of the associated insurance policies.

Securities repurchase and resale agreements and securities loaned transactions are used primarily to earn spread income, to borrow funds, or to facilitate trading activity. As part of securities repurchase agreements or securities loaned transactions, the Company transfers U.S. and foreign debt and equity securities, as well as U.S. government and government agency securities, and receives cash as collateral. As part of securities resale agreements, the Company invests cash and receives as collateral U.S. government securities or other debt securities. For securities repurchase agreements and securities loaned transactions used to earn spread income, the cash received is typically invested in cash equivalents, short-term investments or fixed maturities.

Securities repurchase and resale agreements that satisfy certain criteria are treated as secured borrowing or secured lending arrangements. These agreements are carried at the amounts at which the securities will be subsequently resold or reacquired, as specified in the respective transactions. For securities purchased under agreements to resell, the Company's policy is to take possession or control of the securities either directly or through a third party custodian. These securities are valued daily and additional securities or cash collateral is received, or returned, when appropriate to protect against credit exposure. Securities to be resold are the same, or substantially the same, as the securities received. For securities sold under agreements to repurchase, the market value of the securities to be repurchased is monitored, and additional collateral is obtained where appropriate, to protect against credit exposure. Securities to be repurchased are the same, or substantially the same, as those sold. Income and expenses related to these transactions executed within the insurance companies used to earn spread income are reported as "Net investment income;" however, for transactions used for funding purposes, the associated borrowing cost is reported as interest expense (included in "General and administrative expenses"). Income and expenses related to these transactions executed within the Company's derivative operations are reported in "Asset management fees and other income." Income and expenses related to these transactions executed within the Company's former global commodities group are reported in "Income from discontinued operations, net of taxes."

Securities loaned transactions are treated as financing arrangements and are recorded at the amount of cash received. The Company obtains collateral in an amount equal to $102 \%$ and $105 \%$ of the fair value of the domestic and foreign securities, respectively. The Company monitors the market value of the securities loaned on a daily basis with additional collateral obtained as necessary. Substantially all of the Company's securities loaned transactions are with large brokerage firms. Income and expenses associated with securities loaned transactions used to earn spread income are reported as "Net investment income;" however, for securities loaned transactions used for funding purposes the associated rebate is reported as interest expense (included in "General and administrative expenses").

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

"Other long-term investments" consist of the Company's investments in joint ventures and limited partnerships, other than operating joint ventures, as well as wholly-owned investment real estate and other investments. Joint venture and partnership interests are either accounted for using the equity method of accounting or under the cost method when the Company's partnership interest is so minor (generally less than $3 \%$ ) that it exercises virtually no influence over operating and financial policies. The Company's income from investments in joint ventures and partnerships accounted for using the equity method or the cost method, other than the Company's investment in operating joint ventures, is included in "Net investment income." The carrying value of these investments is written down, or impaired, to fair value when a decline in value is considered to be other-than-temporary. In applying the equity method or the cost method (including assessment for other-than-temporary impairment), the Company uses financial information provided by the investee, generally on a one to three month lag. The Company consolidates joint ventures and limited partnerships in certain other instances where it is deemed to exercise control, or is considered the primary beneficiary of a variable interest entity. See Note 5 for additional information about variable interest entities.

The Company's wholly-owned investment real estate consists of real estate which the Company has the intent to hold for the production of income as well as real estate held for sale. Real estate which the Company has the intent to hold for the production of income is carried at depreciated cost less any writedowns to fair value for impairment losses and is reviewed for impairment whenever events or circumstances indicate that the carrying value may not be recoverable. Real estate held for sale is carried at the lower of depreciated cost or fair value less estimated selling costs and is not further depreciated once classified as such. An impairment loss is recognized when the carrying value of the investment real estate exceeds the estimated undiscounted future cash flows (excluding interest charges) from the investment. At that time, the carrying value of the investment real estate is written down to fair value. Decreases in the carrying value of investment real estate held for the production of income due to other-than-temporary impairments are recorded in "Realized investment gains (losses), net." Depreciation on real estate held for the production of income is computed using the straight-line method over the estimated lives of the properties, and is included in "Net investment income." In the period a real estate investment is deemed held for sale and meets all of the discontinued operation criteria, the Company reports all related net investment income and any resulting investment gains and losses as discontinued operations for all periods presented.
"Short-term investments" primarily consist of highly liquid debt instruments with a maturity of twelve months or less and greater than three months when purchased, other than those debt instruments meeting this definition that are included in "Trading account assets supporting insurance liabilities, at fair value." These investments are generally carried at fair value and include certain money market investments, short-term debt securities issued by government sponsored entities and other highly liquid debt instruments. Short-term investments held in the Company's former broker-dealer operations were marked-to-market through "Income from discontinued operations, net of taxes."

Realized investment gains (losses) are computed using the specific identification method with the exception of some of the Company's International Insurance businesses' portfolios, where the average cost method is used. Realized investment gains and losses are generated from numerous sources, including the sale of fixed maturity securities, equity securities, investments in joint ventures and limited partnerships and other types of investments, as well as adjustments to the cost basis of investments for net other-than-temporary impairments recognized in earnings. Realized investment gains and losses are also generated from prepayment premiums received on private fixed maturity securities, allowance for losses on commercial mortgage and other loans, fair value changes on commercial mortgage loans carried at fair value, and fair value changes on embedded derivatives and free-standing derivatives that do not qualify for hedge accounting treatment. Realized investment gains and losses related to the Company's former global commodities group are reported in "Income from discontinued operations, net of taxes." See "Derivative Financial Instruments" below for additional information regarding the accounting for derivatives.

The Company's available-for-sale and held-to-maturity securities with unrealized losses are reviewed quarterly to identify other-thantemporary impairments in value. In evaluating whether a decline in value is other-than-temporary, the Company considers several factors including, but not limited to the following: (1) the extent and the duration of the decline; (2) the reasons for the decline in value (credit event, currency or interest-rate related, including general credit spread widening); and (3) the financial condition of and near-term prospects of the issuer. With regard to available-for-sale equity securities, the Company also considers the ability and intent to hold the investment for a period of time to allow for a recovery of value. When it is determined that a decline in value of an equity security is other-thantemporary, the carrying value of the equity security is reduced to its fair value, with a corresponding charge to earnings.

An other-than-temporary impairment is recognized in earnings for a debt security in an unrealized loss position when the Company either (a) has the intent to sell the debt security or (b) more likely than not will be required to sell the debt security before its anticipated recovery. For all debt securities in unrealized loss positions that do not meet either of these two criteria, the Company analyzes its ability to recover the amortized cost by comparing the net present value of projected future cash flows with the amortized cost of the security. The net present value is calculated by discounting the Company's best estimate of projected future cash flows at the effective interest rate implicit in the debt security prior to impairment. The Company may use the estimated fair value of collateral as a proxy for the net present value if it believes that the security is dependent on the liquidation of collateral for recovery of its investment. If the net present value is less than the amortized cost of the investment, an other-than-temporary impairment is recognized. In addition to the above mentioned circumstances, the Company also recognizes an other-than-temporary impairment in earnings when a non-functional currency denominated security in an unrealized loss position due to currency exchange rates approaches maturity.

When an other-than-temporary impairment of a debt security has occurred, the amount of the other-than-temporary impairment recognized in earnings depends on whether the Company intends to sell the security or more likely than not will be required to sell the security before recovery of its amortized cost basis. If the debt security meets either of these two criteria or the unrealized losses due to changes in foreign currency exchange rates are not expected to be recovered before maturity, the other-than-temporary impairment recognized in earnings is equal to the entire difference between the security's amortized cost basis and its fair value at the impairment

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

measurement date. For other-than-temporary impairments of debt securities that do not meet these criteria, the net amount recognized in earnings is equal to the difference between the amortized cost of the debt security and its net present value calculated as described above. Any difference between the fair value and the net present value of the debt security at the impairment measurement date is recorded in "Other comprehensive income (loss)." Unrealized gains or losses on securities for which an other-than-temporary impairment has been recognized in earnings is tracked as a separate component of AOCI.

For debt securities, the split between the amount of an other-than-temporary impairment recognized in other comprehensive income and the net amount recognized in earnings is driven principally by assumptions regarding the amount and timing of projected cash flows. For mortgage-backed and asset-backed securities, cash flow estimates consider the payment terms of the underlying assets backing a particular security, including interest rate and prepayment assumptions based on data from widely accepted third-party data sources or internal estimates. In addition to interest rate and prepayment assumptions, cash flow estimates also include other assumptions regarding the underlying collateral including default rates and recoveries, which vary based on the asset type and geographic location, as well as the vintage year of the security. For structured securities, the payment priority within the tranche structure is also considered. For all other debt securities, cash flow estimates are driven by assumptions regarding probability of default and estimates regarding timing and amount of recoveries associated with a default. The Company has developed these estimates using information based on its historical experience as well as using market observable data, such as industry analyst reports and forecasts, sector credit ratings and other data relevant to the collectability of a security, such as the general payment terms of the security and the security's position within the capital structure of the issuer.

The new cost basis of an impaired security is not adjusted for subsequent increases in estimated fair value. In periods subsequent to the recognition of an other-than-temporary impairment, the impaired security is accounted for as if it had been purchased on the measurement date of the impairment. For debt securities, the discount (or reduced premium) based on the new cost basis may be accreted into net investment income in future periods, including increases in cash flow on a prospective basis. In certain cases where there are decreased cash flow expectations, the security is reviewed for further cash flow impairments.

Unrealized investment gains and losses are also considered in determining certain other balances, including deferred policy acquisition costs, the value of business acquired, DSI, certain future policy benefits, policyholders' dividends and deferred tax assets or liabilities. These balances are adjusted, as applicable, for the impact of unrealized gains or losses on investments as if these gains or losses had been realized, with corresponding credits or charges included in AOCI. Each of these balances is discussed in greater detail below.

## Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, amounts due from banks, certain money market investments and other debt instruments with maturities of three months or less when purchased, other than cash equivalents that are included in "Trading account assets supporting insurance liabilities, at fair value."

## Deferred Policy Acquisition Costs

Costs that vary with and that are directly related to the successful acquisition of new and renewal insurance and annuity business are deferred to the extent such costs are deemed recoverable from future profits. Such DAC primarily includes commissions, costs of policy issuance and underwriting, and certain other expenses that are directly related to successfully negotiated contracts. See below under "Adoption of New Accounting Pronouncements" for a discussion of the authoritative guidance adopted effective January 1, 2012, regarding which costs relating to the acquisition of new or renewal insurance contracts qualify for deferral. In each reporting period, capitalized DAC is amortized to "Amortization of deferred policy acquisition costs," net of the accrual of imputed interest on DAC balances. DAC is subject to periodic recoverability testing. DAC, for applicable products, is adjusted for the impact of unrealized gains or losses on investments as if these gains or losses had been realized, with corresponding credits or charges included in AOCI.

For traditional participating life insurance included in the Closed Block, DAC is amortized over the expected life of the contracts (up to 45 years) in proportion to gross margins based on historical and anticipated future experience, which is evaluated regularly. The effect of changes in estimated gross margins on unamortized DAC is reflected in "Amortization of deferred policy acquisition costs" in the period such estimated gross margins are revised. Deferred policy acquisition costs related to interest-sensitive and variable life products and fixed and variable deferred annuity products are generally deferred and amortized over the expected life of the contracts (periods ranging from 25 to 99 years) in proportion to gross profits arising principally from investment margins, mortality and expense margins, and surrender charges, based on historical and anticipated future experience, which is updated periodically. The Company uses a reversion to the mean approach for equities to derive future equity return assumptions. However, if the projected equity return calculated using this approach is greater than the maximum equity return assumption, the maximum equity return is utilized. In addition to the gross profit components previously mentioned, the impact of the embedded derivatives associated with certain optional living benefit features of the Company's variable annuity contracts and related hedging activities are also included in actual gross profits used as the basis for calculating current period amortization and, in certain instances, in management's estimate of total gross profits used for setting the amortization rate. The effect of changes to total gross profits on unamortized DAC is reflected in "Amortization of deferred policy acquisition costs" in the period such total gross profits are revised. DAC related to non-participating traditional individual life insurance is amortized in proportion to gross premiums.

For group annuity contracts (other than single premium group annuities), acquisition costs are generally deferred and amortized over the expected life of the contracts in proportion to gross profits. For group corporate-, bank- and trust-owned life insurance contracts, acquisition costs are deferred and amortized in proportion to lives insured. For single premium immediate annuities with life contingencies, and single premium group annuities and single premium structured settlements with life contingencies, all acquisition costs are charged to expense immediately because generally all premiums are received at the inception of the contract. For funding agreement notes contracts, single premium structured settlement contracts without life contingencies, and single premium immediate annuities without life

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

contingencies, acquisition expenses are deferred and amortized over the expected life of the contracts using the interest method. For other group life and disability insurance contracts and guaranteed investment contracts, acquisition costs are expensed as incurred.

For some products, policyholders can elect to modify product benefits, features, rights or coverages by exchanging a contract for a new contract or by amendment, endorsement, or rider to a contract, or by the election of a feature or coverage within a contract. These transactions are known as internal replacements. If policyholders surrender traditional life insurance policies in exchange for life insurance policies that do not have fixed and guaranteed terms, the Company immediately charges to expense the remaining unamortized DAC on the surrendered policies. For other internal replacement transactions, except those that involve the addition of a nonintegrated contract feature that does not change the existing base contract, the unamortized DAC is immediately charged to expense if the terms of the new policies are not substantially similar to those of the former policies. If the new terms are substantially similar to those of the earlier policies, the DAC is retained with respect to the new policies and amortized over the expected life of the new policies.

## Value of Business Acquired

As a result of certain acquisitions and the application of purchase accounting, the Company reports a financial asset representing the value of business acquired ("VOBA"). VOBA includes an explicit adjustment to reflect the cost of capital attributable to the acquired insurance contracts. VOBA represents an adjustment to the stated value of inforce insurance contract liabilities to present them at fair value, determined as of the acquisition date. VOBA balances are subject to recoverability testing, in the manner in which it was acquired. The Company has established a VOBA asset primarily for its acquired traditional life insurance products, accident and health products with fixed benefits, deferred annuity contracts, and defined contribution and defined benefit businesses. As of December 31, 2013, the majority of the VOBA balance relates to the 2011 acquisition of the Star and Edison Businesses and the January 2013 acquisition of The Hartford's individual life insurance business. The Company generally amortizes VOBA over the effective life of the acquired contracts in "General and administrative expenses." For acquired traditional life insurance products and accident and health products with fixed benefits, VOBA is amortized in proportion to estimated gross premiums or in proportion to the face amount of insurance in force, as applicable. For acquired annuity and non-traditional life insurance contracts, VOBA is amortized in proportion to gross profits arising principally from investment margins, mortality and expense margins, and surrender charges, based on historical and anticipated future experience, which is updated periodically. For acquired defined contribution and defined benefit businesses, the majority of VOBA is amortized in proportion to estimated gross profits arising principally from investment spreads and fees in excess of actual expense based upon historical and estimated future experience, which is updated periodically. The effect of changes in total gross profits on unamortized VOBA is reflected in the period such total gross profits are revised. VOBA, for applicable products, is adjusted for the impact of unrealized gains or losses on investments as if these gains or losses had been realized, with corresponding credits or charges included in AOCI. See Note 8 for additional information regarding VOBA and Note 3 for additional information regarding the acquisition of the Star and Edison Businesses and The Hartford's individual life insurance business.

## Separate Account Assets and Liabilities

Separate account assets are reported at fair value and represent segregated funds that are invested for certain policyholders, pension funds and other customers. The assets consist primarily of equity securities, fixed maturities, real estate-related investments, real estate mortgage loans, short-term investments and derivative instruments. The assets of each account are legally segregated and are not subject to claims that arise out of any other business of the Company. Investment risks associated with market value changes are borne by the customers, except to the extent of minimum guarantees made by the Company with respect to certain accounts. See Note 11 for additional information regarding separate account arrangements with contractual guarantees. Separate account liabilities primarily represent the contractholder's account balance in separate account assets and to a lesser extent borrowings of the separate account, and will be equal and offsetting to total separate account assets. The investment income and realized investment gains or losses from separate account assets generally accrue to the policyholders and are not included in the Company's results of operations. Mortality, policy administration and surrender charges assessed against the accounts are included in "Policy charges and fee income." Asset management fees charged to the accounts are included in "Asset management fees and other income." Seed money that the Company invests in separate accounts is reported in the appropriate general account asset line. Investment income and realized investment gains or losses from seed money invested in separate accounts accrues to the Company and is included in the Company's results of operations.

## Other Assets and Other Liabilities

Other assets consist primarily of prepaid pension benefit costs, certain restricted assets, trade receivables, value of business acquired, goodwill and other intangible assets, DSI, the Company's investments in operating joint ventures, which include the Company's previously held indirect investment in China Pacific Insurance (Group) Co., Ltd. ("China Pacific Group"), property and equipment, reinsurance recoverables, and receivables resulting from sales of securities that had not yet settled at the balance sheet date. Other liabilities consist primarily of trade payables, pension and other employee benefit liabilities, derivative liabilities, reinsurance payables, and payables resulting from purchases of securities that had not yet settled at the balance sheet date.

Property and equipment are carried at cost less accumulated depreciation. Depreciation is determined using the straight-line method over the estimated useful lives of the related assets, which generally range from 3 to 40 years.

As a result of certain acquisitions, the Company recognizes an asset for goodwill representing the excess of cost over the net fair value of the assets acquired and liabilities assumed. Goodwill is assigned to reporting units at the date the goodwill is initially recorded. A reporting unit is an operating segment or a unit one level below the operating segment, if discrete financial information is prepared and regularly reviewed by management at that level. Once goodwill has been assigned to reporting units, it no longer retains its association with a particular acquisition, and all of the activities within a reporting unit, whether acquired or organically grown, are available to support the value of the goodwill.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

The Company tests goodwill for impairment annually as of December 31 and more frequently if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying amount. The fundamental goodwill impairment analysis is a two-step test that is performed at the reporting unit level. The first step, used to identify potential impairment, involves comparing each reporting unit's fair value to its carrying value including goodwill. If the fair value of a reporting unit exceeds its carrying value, the applicable goodwill is considered not to be impaired. If the carrying value exceeds fair value, there is an indication of a potential impairment and the second step of the test is performed to measure the amount of impairment.

The second step involves calculating an implied fair value of goodwill for each reporting unit for which the first step indicated impairment. The implied fair value of goodwill is determined in the same manner as the amount of goodwill recognized in a business combination, which is the excess of the fair value of the reporting unit, as determined in the first step, over the aggregate fair values of the individual assets, liabilities and identifiable intangibles as if the reporting unit was being acquired in a business combination. If the implied fair value of goodwill in the "pro forma" business combination accounting as described above exceeds the goodwill assigned to the reporting unit, there is no impairment. If the goodwill assigned to a reporting unit exceeds the implied fair value of the goodwill, an impairment charge is recorded in "General and administrative expenses" for the excess. An impairment loss recognized cannot exceed the amount of goodwill assigned to a reporting unit, and the loss establishes a new basis in the goodwill. Subsequent reversal of goodwill impairment losses is not permitted. Management is required to make significant estimates in determining the fair value of a reporting unit including, but not limited to: projected earnings, comparative market multiples, and the risk rate at which future net cash flows are discounted.

In accordance with accounting guidance, the Company may first perform a qualitative goodwill assessment to determine whether events or circumstances lead to a determination that it is more likely than not that the fair value of a reporting unit is less than its carrying amount. Factors such as macroeconomic conditions; industry and market considerations; cost factors and other are used to assess the validity of goodwill. If, after assessing the totality of events or circumstances, the Company determines it is not more likely than not that the fair value of a reporting unit is less than its carrying amount, then performing the two-step goodwill impairment test, as described above, is not necessary. If, however, the Company concludes otherwise, then the Company must perform the first step of the two-step impairment test by comparing the reporting unit's fair value with its carrying value including goodwill. If the carrying value exceeds fair value, then the Company must perform the second step of the goodwill impairment test to measure the impairment loss, if any.

See Note 9 for additional information regarding goodwill.
The Company offers various types of sales inducements to policyholders related to fixed and variable deferred annuity contracts. The Company defers sales inducements and amortizes them over the anticipated life of the policy using the same methodology and assumptions used to amortize DAC. Sales inducements balances are subject to periodic recoverability testing. The Company records amortization of DSI in "Interest credited to policyholders' account balances." DSI, for applicable products, is adjusted for the impact of unrealized gains or losses on investments as if these gains or losses had been realized, with corresponding credits or charges included in AOCI. See Note 11 for additional information regarding sales inducements.

The majority of the Company's reinsurance recoverables and payables are receivables and corresponding payables associated with the reinsurance arrangements used to effect the Company's acquisition of the retirement businesses of CIGNA and The Hartford's individual life business. The remaining amounts relate to other reinsurance arrangements entered into by the Company. For each of its reinsurance contracts, the Company determines if the contract provides indemnification against loss or liability relating to insurance risk in accordance with applicable accounting standards. The Company reviews all contractual features, particularly those that may limit the amount of insurance risk to which the reinsurer is subject or features that delay the timely reimbursement of claims. See Note 13 for additional information about the Company's reinsurance arrangements.

Identifiable intangible assets are recorded net of accumulated amortization. The Company tests identifiable intangible assets for impairment on an annual basis as of December 31 of each year or whenever events or circumstances suggest that the carrying value of an identifiable intangible asset may exceed the sum of the undiscounted cash flows expected to result from its use and eventual disposition. If this condition exists and the carrying value of an identifiable intangible asset exceeds its fair value, the excess is recognized as an impairment and is recorded as a charge against net income. Measuring intangibles requires the use of estimates. Significant estimates include the projected net cash flow attributable to the intangible asset and the risk rate at which future net cash flows are discounted for purposes of estimating fair value, as applicable. Identifiable intangible assets primarily include customer relationships and mortgage servicing rights. See Note 9 for additional information regarding identifiable intangible assets.

Investments in operating joint ventures are generally accounted for under the equity method. The carrying value of these investments is written down, or impaired, to fair value when a decline in value is considered to be other-than-temporary. See Note 7 for additional information on investments in operating joint ventures.

## Future Policy Benefits

The Company's liability for future policy benefits is primarily comprised of the present value of estimated future payments to or on behalf of policyholders, where the timing and amount of payment depends on policyholder mortality or morbidity, less the present value of future net premiums. For individual traditional participating life insurance products, the mortality and interest rate assumptions applied are those used to calculate the policies' guaranteed cash surrender values. For life insurance, other than individual traditional participating life insurance, and annuity and disability products, expected mortality and morbidity is generally based on Company experience, industry data and/or other factors. Interest rate assumptions are based on factors such as market conditions and expected investment returns. Although mortality and morbidity and interest rate assumptions are "locked-in" upon the issuance of new insurance or annuity business with fixed and guaranteed terms, significant changes in experience or assumptions may require the Company to provide for expected future losses on a product by establishing premium deficiency reserves. Premium deficiency reserves are established, if necessary, when the liability for

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

future policy benefits plus the present value of expected future gross premiums are determined to be insufficient to provide for expected future policy benefits and expenses. Premium deficiency reserves do not include a provision for the risk of adverse deviation. In determining if a premium deficiency related to short-duration contracts exists, the Company considers, among other factors, anticipated investment income. Any adjustments to future policy benefit reserves related to net unrealized gains on securities classified as available-for-sale are included in AOCI. See Note 10 for additional information regarding future policy benefits.

The Company's liability for future policy benefits also includes a liability for unpaid claims and claim adjustment expenses. The Company does not establish claim liabilities until a loss has been incurred. However, unpaid claims and claim adjustment expenses includes estimates of claims that the Company believes have been incurred but have not yet been reported as of the balance sheet date. The Company's liability for future policy benefits also includes net liabilities for guarantee benefits related to certain nontraditional longduration life and annuity contracts, which are discussed more fully in Note 11, and certain unearned revenues.

## Policyholders' Account Balances

The Company's liability for policyholders' account balances represents the contract value that has accrued to the benefit of the policyholder as of the balance sheet date. This liability is primarily associated with the accumulated account deposits, plus interest credited, less policyholder withdrawals and other charges assessed against the account balance. These policyholders' account balances also include provision for benefits under non-life contingent payout annuities and certain unearned revenues. See Note 10 for additional information regarding policyholders' account balances.

## Policyholders' Dividends

The Company's liability for policyholders' dividends includes its dividends payable to policyholders and its policyholder dividend obligation associated with the participating policies included in the Closed Block. The dividends payable for participating policies included in the Closed Block are determined at the end of each year for the following year by the Board of Directors of Prudential Insurance based on its statutory results, capital position, ratings, and the emerging experience of the Closed Block. The policyholder dividend obligation represents amounts expected to be paid to Closed Block policyholders as an additional policyholder dividend unless otherwise offset by future Closed Block performance. The policyholder dividend obligation also includes amounts relating to net unrealized gains on securities classified as available-for-sale. For additional information on the policyholder dividend obligation, see Note 12. The dividends payable for policies other than the participating policies included in the Closed Block include dividends payable in accordance with certain group and individual insurance policies.

## Contingent Liabilities

Amounts related to contingent liabilities are accrued if it is probable that a liability has been incurred and an amount is reasonably estimable. Management evaluates whether there are incremental legal or other costs directly associated with the ultimate resolution of the matter that are reasonably estimable and, if so, they are included in the accrual.

## Insurance Revenue and Expense Recognition

Premiums from individual life products, other than interest-sensitive and variable life contracts, and health insurance and long-term care products are recognized when due. When premiums are due over a significantly shorter period than the period over which benefits are provided, any gross premium in excess of the net premium (i.e., the portion of the gross premium required to provide for all expected future benefits and expenses) is generally deferred and recognized into revenue in a constant relationship to insurance in force. Benefits are recorded as an expense when they are incurred. A liability for future policy benefits is recorded when premiums are recognized using the net level premium method.

Premiums from non-participating group annuities with life contingencies, single premium structured settlements with life contingencies and single premium immediate annuities with life contingencies are recognized when due. When premiums are due over a significantly shorter period than the period over which benefits are provided, any gross premium in excess of the net premium is deferred and recognized into revenue in a constant relationship to the amount of expected future benefit payments. Benefits are recorded as an expense when they are incurred. A liability for future policy benefits is recorded when premiums are recognized using the net premium method.

Certain individual annuity contracts provide the holder a guarantee that the benefit received upon death or annuitization will be no less than a minimum prescribed amount. These benefits are accounted for as insurance contracts and are discussed in further detail in Note 11. The Company also provides contracts with certain living benefits which are considered embedded derivatives. These contracts are discussed in further detail in Note 11.

Amounts received as payment for interest-sensitive or variable group and individual life contracts, deferred fixed or variable annuities, structured settlements and other contracts without life contingencies, and participating group annuities are reported as deposits to "Policyholders' account balances" and/or "Separate account liabilities." Revenues from these contracts are reflected in "Policy charges and fee income" consisting primarily of fees assessed during the period against the policyholders' account balances for mortality and other benefit charges, policy administration charges and surrender charges. In addition to fees, the Company earns investment income from the investment of deposits in the Company's general account portfolio. Fees assessed that represent compensation to the Company for services to be provided in future periods and certain other fees are generally deferred and amortized into revenue over the life of the related contracts in proportion to estimated gross profits. Benefits and expenses for these products include claims in excess of related account balances, expenses of contract administration, interest credited to policyholders' account balances and amortization of DAC, DSI and VOBA.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

For group life, other than interest-sensitive and variable group life contracts, and disability insurance, premiums are generally recognized over the period to which the premiums relate in proportion to the amount of insurance protection provided. Claim and claim adjustment expenses are recognized when incurred.

Premiums, benefits and expenses are stated net of reinsurance ceded to other companies, except for amounts associated with certain modified coinsurance contracts which are reflected in the Company's financial statements based on the application of the deposit method of accounting.

## Asset Management Fees and Other Income

"Asset management fees and other income" principally include asset management fees and securities commission revenues, which are recognized in the period in which the services are performed. Realized and unrealized gains or losses from investments classified as "trading" such as "Trading account assets supporting insurance liabilities" and "Other trading account assets," short-term investments that are marked-to-market through other income, and from consolidated entities that follow specialized investment company fair value accounting are also included in "Asset management fees and other income."
"Asset management fees and other income" also includes $\$(4.1)$ billion, $\$(1.8)$ billion and $\$ 1.0$ billion for the years ended December 31, 2013, 2012 and 2011, respectively, primarily related to the remeasurement of foreign currency denominated assets and liabilities, as discussed in more detail under "Foreign Currency" below.

In 2013, the Company adopted retrospectively a discretionary change in accounting principle for recognition of performance based incentive fee revenue. In certain asset management fee arrangements, the Company is entitled to receive performance based incentive fees when the return on assets under management exceeds certain benchmark returns or other performance targets. The Company may be required to return all, or part, of such performance based incentive fee depending on future performance of these assets relative to performance benchmarks. Under the newly adopted accounting principle, the Company records performance based incentive fee revenue when the contractual terms of the asset management fee arrangement have been satisfied such that the performance fee is no longer subject to clawback or contingency. Under this principle the Company records a deferred performance based incentive fee liability to the extent it receives cash related to the performance based incentive fee prior to meeting the revenue recognition criteria delineated above.

Under the prior accounting principle, the Company accrued performance based incentive fee revenue quarterly based on measuring fund performance to date versus the performance benchmark stated in the investment management agreement, as if the contracts containing the fee arrangements were terminated as of the applicable balance sheet date. Certain performance based incentive fees were also subject to future adjustment based on cumulative fund performance in relation to these specified benchmarks.

The new method is recognized as preferable in authoritative accounting literature. In addition, the Company believes that new method improves the quality of earnings by eliminating the potential that revenue will be recognized in one quarter and reversed in a future quarter. Finally, the Company believes that the new accounting principle provides a more meaningful comparison to competitors.

The following tables present: 1) pro-forma amounts as of, or for the year ended, December 31, 2013 under the prior accounting method, the effect on those amounts of the change in account principle, and amounts as reported in the Company's Consolidated Financial Statements; and 2) amounts as of, or for the years ended December 31, 2012 and 2011, as previously reported, the effect on those amounts of the change in accounting principle, and amounts as reported in the Company's Consolidated Financial Statements.

## Consolidated Statement of Financial Position:

|  | December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Previous Accounting Method | Effect of Change in Accounting Principle | As <br> Reported |
|  |  | (in millions) |  |
| ASSETS |  |  |  |
| Other assets | \$ 13,893 | \$ (60) | \$ 13,833 |
| TOTAL ASSETS | 731,841 | (60) | 731,781 |
| LIABILITIES AND EQUITY |  |  |  |
| LIABILITIES |  |  |  |
| Income taxes | 5,462 | (40) | 5,422 |
| Other liabilities | 13,749 | 176 | 13,925 |
| Total liabilities | 695,764 | 136 | 695,900 |
| EQUITY |  |  |  |
| Retained earnings | 14,602 | (71) | 14,531 |
| Total Prudential Financial, Inc. equity | 35,349 | (71) | 35,278 |
| Noncontrolling interests | 728 | (125) | 603 |
| Total equity | 36,077 | (196) | 35,881 |
| TOTAL LIABILITIES AND EQUITY | \$731,841 | \$ (60) | \$731,781 |

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

|  | December 31, 2012 |  |  |
| :--- | :--- | :--- | :--- |

## Consolidated Statement of Operations:

|  | Year Ended December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Previous Accounting Method | Effect of Change in Accounting Principle | As <br> Reported |
|  |  | (in millions) |  |
| REVENUES |  |  |  |
| Asset management fees and other income | \$ 304 | \$ (18) | \$ 286 |
| Total revenues | 41,479 | (18) | 41,461 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE INCOME TAXES AND EQUITY IN |  |  |  |
| EARNINGS OF OPERATING JOINT VENTURES | $(1,666)$ | (18) | $(1,684)$ |
| Income taxes: |  |  |  |
| Deferred | $(1,091)$ | (1) | $(1,092)$ |
| Income tax expense | $(1,057)$ | (1) | $(1,058)$ |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE EQUITY IN EARNINGS OF |  |  |  |
| OPERATING JOINT VENTURES | (609) | (17) | (626) |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | (550) | (17) | (567) |
| NET INCOME (LOSS) | (543) | (17) | (560) |
| Less: Income (loss) attributable to noncontrolling interests | 125 | (18) | 107 |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL FINANCIAL, INC. | \$ (668) | \$ 1 | \$ (667) |
| EARNINGS PER SHARE |  |  |  |
| Financial Services Businesses |  |  |  |
| Basic earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.57) | \$0.00 | \$ (1.57) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (1.55) | \$0.00 | \$ (1.55) |
| Diluted earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.57) | \$0.00 | \$ (1.57) |
| Net income (loss) attributable to Prudential Financial, Inc. . . . . . . . . . . . . . | \$ (1.55) | \$0.00 | \$ (1.55) |

# PRUDENTIAL FINANCIAL, INC. <br> <br> Notes to Consolidated Financial Statements 

 <br> <br> Notes to Consolidated Financial Statements}

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

|  | Year Ended December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: |
|  | As <br> Previously Reported | Effect of Change in Accounting Principle | As <br> Currently Reported |
|  |  | (in millions) |  |
| REVENUES |  |  |  |
| Asset management fees and other income | \$ 2,752 | \$ 32 | \$ 2,784 |
| Total revenues | 84,815 | 32 | 84,847 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE INCOME TAXES AND EQUITY IN |  |  |  |
| Income taxes: |  |  |  |
| Deferred | (884) | 9 | (875) |
| Income tax expense | 204 | 9 | 213 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE EQUITY IN EARNINGS OF |  |  |  |
| OPERATING JOINT VENTURES | 472 | 23 | 495 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | 532 | 23 | 555 |
| NET INCOME (LOSS) | 547 | 23 | 570 |
| Less: Income (loss) attributable to noncontrolling interests | 78 | (28) | 50 |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL FINANCIAL, INC. | 469 | \$ 51 | 520 |
| EARNINGS PER SHARE |  |  |  |
| Financial Services Businesses |  |  |  |
| Basic earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 0.91 | \$0.11 | \$ 1.02 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ 0.95 | \$0.11 | \$ 1.06 |
| Diluted earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 0.91 | \$0.10 | \$ 1.01 |
| Net income (loss) attributable to Prudential Fin |  | \$0 | \$ 1.05 |


|  | Year Ended December 31, 2011 |  |  |
| :---: | :---: | :---: | :---: |
|  | As <br> Previously Reported | Effect of Change in Accounting Principle | As Currently Reported Reported |
|  |  | (in millions) |  |
| REVENUES |  |  |  |
| Asset management fees and other income | \$ 4,850 | \$ 55 | \$ 4,905 |
| Total revenues | 49,030 | 55 | 49,085 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE INCOME TAXES AND EQUITY IN |  |  |  |
| EARNINGS OF OPERATING JOINT VENTURES | 4,909 | 55 | 4,964 |
| Income taxes: |  |  |  |
| Deferred | 1,041 | 27 | 1,068 |
| Income tax expense | 1,488 | 27 | 1,515 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE EQUITY IN EARNINGS OF |  |  |  |
| OPERATING JOINT VENTURES | 3,421 | 28 | 3,449 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | 3,603 | 28 | 3,631 |
| NET INCOME (LOSS) | 3,638 | 28 | 3,666 |
| Less: Income (loss) attributable to noncontrolling interests | 72 | (38) | 34 |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL FINANCIAL, INC. | \$ 3,566 | \$ 66 | \$ 3,632 |
| Financial Services Businesses |  |  |  |
|  |  |  |  |
| Basic earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 7.01 | \$0.13 | \$ 7.14 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ 7.08 | \$0.13 | \$ 7.21 |
| Diluted earnings per share-Common Stock: |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 6.92 | \$0.13 | \$ 7.05 |
|  |  | \$0.13 | \$ 7.12 |

## Consolidated Statement of Cash Flows:

|  | Year Ended December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Previous Accounting Method | Effect of Change in Accounting Principle | As <br> Reported |
|  |  | (in millions) |  |
| CASH FLOWS FROM OPERATING ACTIVITIES |  |  |  |
| Net income (loss) | \$ (543) | \$(17) | \$ (560) |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |
| Change in: |  |  |  |
| Other, net | \$(2,683) | \$ 17 | \$(2,666) |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)



Assets and liabilities of foreign operations and subsidiaries reported in currencies other than U.S. dollars are translated at the exchange rate in effect at the end of the period. Revenues, benefits and other expenses are translated at the average rate prevailing during the period. The effects of translating the statements of operations and financial position of non-U.S. entities with functional currencies other than the U.S. dollar are included, net of related qualifying hedge gains and losses and income taxes, in AOCI. Gains and losses resulting from the remeasurement of foreign currency transactions are reported in either AOCI or current earnings in "Asset management fees and other income" depending on the nature of the related foreign currency denominated asset or liability.

## Derivative Financial Instruments

Derivatives are financial instruments whose values are derived from interest rates, foreign exchange rates, financial indices, values of securities or commodities, credit spreads, market volatility, expected returns, and liquidity. Values can also be affected by changes in estimates and assumptions, including those related to counterparty behavior and non-performance risk used in valuation models. Derivative financial instruments generally used by the Company include swaps, futures, forwards and options and may be exchange-traded or contracted in the over-the-counter ("OTC") market. Derivative positions are carried at fair value, generally by obtaining quoted market prices or through the use of valuation models.

Derivatives are used to manage the interest rate and currency characteristics of assets or liabilities and to mitigate volatility of expected non-U.S. earnings and net investments in foreign operations resulting from changes in currency exchange rates. Additionally, derivatives may be used to seek to reduce exposure to interest rate, credit, foreign currency and equity risks associated with assets held or expected to be purchased or sold, and liabilities incurred or expected to be incurred. As discussed in detail below and in Note 21, all realized and unrealized changes in fair value of derivatives are recorded in current earnings, with the exception of the effective portion of cash flow hedges and effective hedges of net investments in foreign operations. Cash flows from derivatives are reported in the operating, investing, or financing activities sections in the Consolidated Statements of Cash Flows based on the nature and purpose of the derivative.

Derivatives were also used in a derivative broker-dealer capacity in the Company's global commodities group to meet the needs of clients by structuring transactions that allow clients to manage their exposure to interest rates, foreign exchange rates, indices and prices of securities and commodities. The Company's global commodities group was sold on July 1, 2011. See Note 3 for further details. Realized and unrealized changes in fair value of derivatives used in these dealer-related operations are included in "Income from discontinued operations, net of taxes" in the periods in which the changes occur. Cash flows from such derivatives are reported in the operating activities section of the Consolidated Statements of Cash Flows.

Derivatives are recorded either as assets, within "Other trading account assets, at fair value" or "Other long-term investments," or as liabilities, within "Other liabilities," except for embedded derivatives which are recorded with the associated host contract. The Company nets the fair value of all derivative financial instruments with counterparties for which a master netting arrangement has been executed.

The Company designates derivatives as either (1) a hedge of the fair value of a recognized asset or liability or unrecognized firm commitment ("fair value" hedge); (2) a hedge of a forecasted transaction or of the variability of cash flows to be received or paid related to a recognized asset or liability ("cash flow" hedge); (3) a foreign-currency fair value or cash flow hedge ("foreign currency" hedge); (4) a hedge of a net investment in a foreign operation; or (5) a derivative that does not qualify for hedge accounting.

To qualify for hedge accounting treatment, a derivative must be highly effective in mitigating the designated risk of the hedged item. Effectiveness of the hedge is formally assessed at inception and throughout the life of the hedging relationship. Even if a derivative qualifies for hedge accounting treatment, there may be an element of ineffectiveness of the hedge. Under such circumstances, the ineffective portion is recorded in "Realized investment gains (losses), net."

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

The Company formally documents at inception all relationships between hedging instruments and hedged items, as well as its riskmanagement objective and strategy for undertaking various hedge transactions. This process includes linking all derivatives designated as fair value, cash flow, or foreign currency hedges to specific assets and liabilities on the balance sheet or to specific firm commitments or forecasted transactions. Hedges of a net investment in a foreign operation are linked to the specific foreign operation.

When a derivative is designated as a fair value hedge and is determined to be highly effective, changes in its fair value, along with changes in the fair value of the hedged asset or liability (including losses or gains on firm commitments), are reported on a net basis in the income statement, generally in "Realized investment gains (losses), net." When swaps are used in hedge accounting relationships, periodic settlements are recorded in the same income statement line as the related settlements of the hedged items.

When a derivative is designated as a cash flow hedge and is determined to be highly effective, changes in its fair value are recorded in AOCI until earnings are affected by the variability of cash flows being hedged (e.g., when periodic settlements on a variable-rate asset or liability are recorded in earnings). At that time, the related portion of deferred gains or losses on the derivative instrument is reclassified and reported in the income statement line item associated with the hedged item.

When a derivative is designated as a foreign currency hedge and is determined to be highly effective, changes in its fair value are recorded either in current period earnings if the hedge transaction is a fair value hedge (e.g., a hedge of a recognized foreign currency asset or liability) or in AOCI if the hedge transaction is a cash flow hedge (e.g., a foreign currency denominated forecasted transaction). When a derivative is used as a hedge of a net investment in a foreign operation, its change in fair value, to the extent effective as a hedge, is recorded in the cumulative translation adjustment account within AOCI.

If it is determined that a derivative no longer qualifies as an effective fair value or cash flow hedge or management removes the hedge designation, the derivative will continue to be carried on the balance sheet at its fair value, with changes in fair value recognized currently in "Realized investment gains (losses), net." In this scenario, the hedged asset or liability under a fair value hedge will no longer be adjusted for changes in fair value and the existing basis adjustment is amortized to the income statement line associated with the asset or liability. The component of AOCI related to discontinued cash flow hedges is reclassified to the income statement line associated with the hedged cash flows consistent with the earnings impact of the original hedged cash flows.

When hedge accounting is discontinued because the hedged item no longer meets the definition of a firm commitment, or because it is probable that the forecasted transaction will not occur by the end of the specified time period, the derivative will continue to be carried on the balance sheet at its fair value, with changes in fair value recognized currently in "Realized investment gains (losses), net." Any asset or liability that was recorded pursuant to recognition of the firm commitment is removed from the balance sheet and recognized currently in "Realized investment gains (losses), net." Gains and losses that were in AOCI pursuant to the hedge of a forecasted transaction are recognized immediately in "Realized investment gains (losses), net."

If a derivative does not qualify for hedge accounting, all changes in its fair value, including net receipts and payments, are included in "Realized investment gains (losses), net" without considering changes in the fair value of the economically associated assets or liabilities.

The Company is a party to financial instruments that contain derivative instruments that are "embedded" in the financial instruments. At inception, the Company assesses whether the economic characteristics of the embedded instrument are clearly and closely related to the economic characteristics of the remaining component of the financial instrument (i.e., the host contract) and whether a separate instrument with the same terms as the embedded instrument would meet the definition of a derivative instrument. When it is determined that (1) the embedded instrument possesses economic characteristics that are not clearly and closely related to the economic characteristics of the host contract, and (2) a separate instrument with the same terms would qualify as a derivative instrument, the embedded instrument qualifies as an embedded derivative that is separated from the host contract, carried at fair value, and changes in its fair value are included in "Realized investment gains (losses), net." For certain financial instruments that contain an embedded derivative that otherwise would need to be bifurcated and reported at fair value, the Company may elect to classify the entire instrument as a trading account asset and report it within "Other trading account assets, at fair value."

## Short-Term and Long-Term Debt

Liabilities for short-term and long-term debt are primarily carried at an amount equal to unpaid principal balance, net of unamortized discount or premium. Original-issue discount or premium and debt-issue costs are recognized as a component of interest expense over the period the debt is expected to be outstanding, using the interest method of amortization. Short-term debt is debt coming due in the next twelve months, including that portion of debt otherwise classified as long-term. The short-term debt caption may exclude short-term debt items the Company intends to refinance on a long-term basis in the near term. See Note 14 for additional information regarding short-term and long-term debt.

## Income Taxes

The Company and its includible domestic subsidiaries file a consolidated federal income tax return that includes both life insurance companies and non-life insurance companies. Non-includible domestic subsidiaries file separate individual corporate tax returns. Subsidiaries operating outside the U.S. are taxed, and income tax expense is recorded, based on applicable foreign statutes. See Note 19 for a discussion of certain non-U.S. jurisdictions for which the Company assumes repatriation of earnings to the U.S.

Deferred income taxes are recognized, based on enacted rates, when assets and liabilities have different values for financial statement and tax reporting purposes. A valuation allowance is recorded to reduce a deferred tax asset to the amount expected to be realized.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

Items required by tax regulations to be included in the tax return may differ from the items reflected in the financial statements. As a result, the effective tax rate reflected in the financial statements may be different than the actual rate applied on the tax return. Some of these differences are permanent such as expenses that are not deductible in the Company's tax return, and some differences are temporary, reversing over time, such as valuation of insurance reserves. Temporary differences create deferred tax assets and liabilities. Deferred tax assets generally represent items that can be used as a tax deduction or credit in future years for which the Company has already recorded the tax benefit in the Company's income statement. Deferred tax liabilities generally represent tax expense recognized in the Company's financial statements for which payment has been deferred, or expenditures for which the Company has already taken a deduction in the Company's tax return but have not yet been recognized in the Company's financial statements.

The application of U.S. GAAP requires the Company to evaluate the recoverability of the Company's deferred tax assets and establish a valuation allowance if necessary to reduce the Company's deferred tax assets to an amount that is more likely than not to be realized. Considerable judgment is required in determining whether a valuation allowance is necessary, and if so, the amount of such valuation allowance. In evaluating the need for a valuation allowance the Company may consider many factors, including: (1) the nature of the deferred tax assets and liabilities; (2) whether they are ordinary or capital; (3) in which tax jurisdictions they were generated and the timing of their reversal; (4) taxable income in prior carryback years as well as projected taxable earnings exclusive of reversing temporary differences and carryforwards; (5) the length of time that carryovers can be utilized in the various taxing jurisdictions; (6) any unique tax rules that would impact the utilization of the deferred tax assets; and (7) any tax planning strategies that the Company would employ to avoid a tax benefit from expiring unused. Although realization is not assured, management believes it is more likely than not that the deferred tax assets, net of valuation allowances, will be realized.
U.S. GAAP prescribes a comprehensive model for how a company should recognize, measure, present, and disclose in its financial statements uncertain tax positions that a company has taken or expects to take on tax returns. The application of this guidance is a two-step process, the first step being recognition. The Company determines whether it is more likely than not, based on the technical merits, that the tax position will be sustained upon examination. If a tax position does not meet the more likely than not recognition threshold, the benefit of that position is not recognized in the financial statements. The second step is measurement. The Company measures the tax position as the largest amount of benefit that is greater than 50 percent likely of being realized upon ultimate resolution with a taxing authority that has full knowledge of all relevant information. This measurement considers the amounts and probabilities of the outcomes that could be realized upon ultimate settlement using the facts, circumstances, and information available at the reporting date.

The Company's liability for income taxes includes the liability for unrecognized tax benefits, interest and penalties which relate to tax years still subject to review by the Internal Revenue Service ("IRS") or other taxing jurisdictions. Audit periods remain open for review until the statute of limitations has passed. Generally, for tax years which produce net operating losses, capital losses or tax credit carryforwards ("tax attributes"), the statute of limitations does not close, to the extent of these tax attributes, until the expiration of the statute of limitations for the tax year in which they are fully utilized. The completion of review or the expiration of the statute of limitations for a given audit period could result in an adjustment to the liability for income taxes. The Company classifies all interest and penalties related to tax uncertainties as income tax expense. See Note 19 for additional information regarding income taxes.

## Adoption of New Accounting Pronouncements

In December 2013, the FASB issued updated guidance establishing a single definition of a public entity for use in financial accounting and reporting guidance. This new guidance is effective for all current and future reporting periods and did not have a significant effect on the Company's consolidated financial position, results of operations, or financial statement disclosures.

In July 2013, the FASB issued new guidance regarding derivatives. The guidance permits the Fed Funds Effective Swap Rate (or Overnight Index Swap Rate) to be used as a U.S. benchmark interest rate for hedge accounting, in addition to the United States Treasury rate and London Inter-Bank Offered Rate ("LIBOR"). The guidance also removes the restriction on using different benchmark rates for similar hedges. The guidance is effective for qualifying new or redesignated hedging relationships entered into on or after July 17, 2013, and should be applied prospectively. Adoption of the guidance did not have a significant effect on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In February 2013, the FASB issued updated guidance regarding the presentation of comprehensive income. Under the guidance, an entity is required to separately present information about significant items reclassified out of accumulated other comprehensive income by component as well as changes in accumulated other comprehensive income balances by component in either the financial statements or the notes to the financial statements. The guidance does not change the items that are reported in other comprehensive income, does not change when an item of other comprehensive income must be reclassified to net income, and does not amend any existing requirements for reporting net income or other comprehensive income. The guidance is effective for the first interim or annual reporting period beginning after December 15, 2012, and should be applied prospectively. The disclosures required by this guidance are included in Note 15.

In December 2011 and January 2013, the Financial Accounting Standards Board ("FASB") issued updated guidance regarding the disclosure of recognized derivative instruments (including bifurcated embedded derivatives), repurchase agreements and securities borrowing/lending transactions that are offset in the statement of financial position or are subject to an enforceable master netting arrangement or similar agreement (irrespective of whether they are offset in the statement of financial position). This new guidance requires an entity to disclose information on both a gross and net basis about instruments and transactions within the scope of this guidance. This new guidance is effective for interim or annual reporting periods beginning on or after January 1, 2013, and should be applied retrospectively for all comparative periods presented. The disclosures required by this guidance are included in Note 21 .

In December 2012, the Company adopted retrospectively a change in method of applying an accounting principle for the Company's pension plans. The change in accounting method relates to the calculation of market related value of pension plan assets, used to determine net periodic pension cost. The impact of this change in accounting method on net income for the year ended December 31, 2012, was an

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

increase of $\$ 96$ million ( $\$ 0.21$ diluted earnings per share of Common stock). In addition, this change resulted in a cumulative increase of $\$ 144$ million in retained earnings previously reported for December 31, 2009, with a corresponding decrease in AOCI. For additional information on the change in accounting method for the Company's pension plans, see Note 18.

Effective January 1, 2012, the Company adopted, retrospectively, new authoritative guidance to address diversity in practice regarding the interpretation of which costs relating to the acquisition of new or renewal insurance contracts qualify for deferral. Under the amended guidance, acquisition costs are to include only those costs that are directly related to the acquisition or renewal of insurance contracts by applying a model similar to the accounting for loan origination costs. An entity may defer incremental direct costs of contract acquisition with independent third parties or employees that are essential to the contract transaction, as well as the portion of employee compensation, including payroll fringe benefits and other costs directly related to underwriting, policy issuance and processing, medical inspection, and contract selling for successfully negotiated contracts. Prior period financial information presented in these financial statements has been adjusted to reflect the retrospective adoption of the amended guidance. Retained earnings and AOCI previously reported for December 31, 2009, were reduced $\$ 2,358$ million and $\$ 90$ million, respectively, as a result of this retrospective adoption. The lower level of costs now qualifying for deferral will be only partially offset by a lower level of amortization of "Deferred policy acquisition costs", and, as such, will initially result in lower earnings in future periods, primarily within the International Insurance and Individual Annuities segments. The impact to the International Insurance segment largely reflects lower deferrals of allocated costs of its proprietary distribution system, while the impact to the Individual Annuities segment mainly reflects lower deferrals of its wholesaler costs. This amended guidance is effective for fiscal years, and interim periods within those years, beginning after December 15, 2011, and permits, but does not require, retrospective application. The Company adopted this guidance effective January 1, 2012, and applied the retrospective method of adoption. While the adoption of this amended guidance changes the timing of when certain costs are reflected in the Company's results of operations, it has no effect on the total acquisition costs to be recognized over time and has no impact on the Company's cash flows.

In September 2011, the Financial Accounting Standards Board ("FASB") issued updated guidance regarding the application of the goodwill impairment test. The updated guidance allows an entity to first perform a qualitative assessment to determine whether the existence of events or circumstances leads to a determination that it is more likely than not that the fair value of a reporting unit is less than its carrying amount. If, after assessing the totality of events or circumstances, an entity determines it is not more likely than not that the fair value of a reporting unit is less than its carrying amount, then performing the two-step impairment test is not necessary. However, if an entity concludes otherwise, then it must perform the first step of the two-step impairment test by calculating the fair value of the reporting unit and comparing the fair value with the carrying amount of the reporting unit. If the carrying amount of a reporting unit exceeds its fair value, then the entity is required to perform the second step of the goodwill impairment test to measure the impairment loss, if any. An entity has the option to bypass the qualitative assessment for any reporting unit in any period and to proceed directly to performing the first step of the two-step goodwill impairment test. An entity may resume performing the qualitative assessment in any subsequent period. The updated guidance is effective for annual and interim goodwill impairment tests performed for fiscal years beginning after December 15, 2011. The Company's early adoption of this guidance, as permitted, effective December 31, 2011, had no impact on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In June 2011, the FASB issued updated guidance regarding the presentation of comprehensive income. The updated guidance eliminates the option to present components of other comprehensive income as part of the statement of changes in stockholders' equity. Under the updated guidance, an entity has the option to present the total of comprehensive income, the components of net income, and the components of other comprehensive income either in a single continuous statement of comprehensive income or in two separate but consecutive statements. The updated guidance does not change the items that are reported in other comprehensive income or when an item of other comprehensive income must be reclassified to net income. The Company opted to present the total of comprehensive income, the components of net income, and the components of other comprehensive income in two separate but consecutive statements. The Consolidated Financial Statements included herein reflect the adoption of this updated guidance.

In May 2011, the FASB issued updated guidance regarding the fair value measurements and disclosure requirements. The updated guidance clarifies existing guidance related to the application of fair value measurement methods and requires expanded disclosures. This new guidance is effective for the first interim or annual reporting period beginning after December 15, 2011, and should be applied prospectively. The expanded disclosures required by this guidance are included in Note 20. Adoption of this guidance did not have a significant effect on the Company's consolidated financial position or results of operations.

In April 2011, the FASB issued updated guidance regarding the assessment of effective control for repurchase agreements. This new guidance is effective for the first interim or annual reporting period beginning on or after December 15, 2011, and should be applied prospectively to transactions or modifications of existing transactions that occur on or after the effective date. The Company's adoption of this guidance did not have a significant effect on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In April 2011, the FASB issued updated guidance clarifying which restructurings constitute troubled debt restructurings. It is intended to assist creditors in their evaluation of whether conditions exist that constitute a troubled debt restructuring. This new guidance is effective for the first interim or annual reporting period beginning on or after June 15, 2011, and should be applied retrospectively to the beginning of the annual reporting period of adoption. The Company's adoption of this guidance in the third quarter of 2011 did not have a significant effect on the Company's consolidated financial position, results of operations, or financial statement disclosures.

## Future Adoption of New Accounting Pronouncements

In March 2013, the FASB issued updated guidance regarding the recognition in net income of the cumulative translation adjustment upon the sale or loss of control of a business or group of assets residing in a foreign subsidiary, or a loss of control of a foreign investment. The guidance is effective for the first interim or annual reporting period beginning after December 15, 2013, and should be applied prospectively. The amendments require an entity that ceases to have a controlling financial interest in a subsidiary or group of assets within

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 2. SIGNIFICANT ACCOUNTING POLICIES AND PRONOUNCEMENTS (continued)

a foreign entity to release any related cumulative translation adjustment into net income only if the sale or transfer results in the complete or substantially complete liquidation of the foreign entity in which the subsidiary or group of assets had resided. For an equity method investment that is a foreign entity, the partial sale guidance still applies. As such, a pro rata portion of the cumulative translation adjustment should be released into net income upon a partial sale of such an equity method investment. This guidance is not expected to have a significant effect on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In June 2013, the FASB issued updated guidance clarifying the characteristics of an investment company and requiring new disclosures. Under the guidance, all entities regulated under the Investment Company Act of 1940 automatically qualify as investment companies, while all other entities need to consider both the fundamental and typical characteristics of an investment company in determining whether they qualify as investment companies. This new guidance is effective for interim or annual reporting periods that begin after December 15, 2013, and should be applied prospectively. This guidance is not expected to have a significant effect on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In July 2013, the FASB issued updated guidance regarding the presentation of unrecognized tax benefits when net operating loss carryforwards, similar tax losses, or tax credit carryforwards exist. This new guidance is effective for interim or annual reporting periods that begin after December 15, 2013, and should be applied prospectively, with early application permitted. This guidance is not expected to have a significant effect on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In January 2014, the FASB issued updated guidance regarding investments in flow-through limited liability entities that manage or invest in affordable housing projects that qualify for the low-income housing tax credit. Under the guidance, an entity is permitted to make an accounting policy election to amortize the initial cost of its investment in proportion to the tax credits and other tax benefits received and recognize the net investment performance in the statement of operations as a component of income tax expense (benefit) if certain conditions are met. The new guidance is effective for annual periods and interim reporting periods within those annual periods, beginning after December 15, 2014, and should be applied retrospectively to all periods presented. The Company is currently assessing the impact of the guidance on the Company's consolidated financial position, results of operations, and financial statement disclosures.

In January 2014, the FASB issued updated guidance for troubled debt restructurings clarifying when an in substance repossession or foreclosure occurs, and when a creditor is considered to have received physical possession of residential real estate property collateralizing a consumer mortgage loan. The new guidance is effective for annual periods and interim periods within those annual periods, beginning after December 15, 2014. This guidance can be elected for prospective adoption or by using a modified retrospective transition method. This guidance is not expected to have a significant impact on the Company's consolidated financial position, results of operations, or financial statement disclosures.

In January 2014, the FASB issued updated guidance specifying that an operating entity in a service concession arrangement within the scope of this guidance should not account for the service concession arrangement as a lease. The new guidance is effective for annual periods, and interim periods within those annual periods, beginning after December 15, 2014, and should be applied on a modified retrospective basis. This guidance is not expected to have a significant impact on the Company's consolidated financial position, results of operations, or financial statement disclosures.

## 3. ACQUISITIONS AND DISPOSITIONS

## Acquisition of UniAsia Life Assurance

On January 2, 2014, the Company completed the acquisition of UniAsia Life Assurance Berhad, an established life insurance company in Malaysia, through the formation of a joint venture with Bank Simpanan Nasional ("BSN"), a bank owned by the Malaysian government. The joint venture paid cash consideration of approximately $\$ 160$ million, $70 \%$ of which was provided by Prudential Insurance and $30 \%$ of which was provided by BSN. This acquisition is part of the Company's strategic initiative to further expand its business in Southeast Asian markets.

## Acquisition of The Hartford's Individual Life Insurance Business

On January 2, 2013, the Company acquired The Hartford's individual life insurance business through a reinsurance transaction. Under the agreement, the Company paid The Hartford cash consideration of $\$ 615$ million, primarily in the form of a ceding commission to provide reinsurance for approximately 700,000 life insurance policies with net retained face amount in force of approximately $\$ 141$ billion. The acquisition increased the Company's scale in the U.S. individual life insurance market, particularly universal life products, and provided complementary distribution opportunities through expanded wirehouse and bank distribution channels.

The assets and liabilities assumed have been included in the Company's Consolidated Financial Statements as of the acquisition date. After adjustments, total assets assumed were $\$ 11.2$ billion, which includes $\$ 1.4$ billion of value of business acquired and $\$ 0.1$ billion of cash, and total liabilities assumed were $\$ 10.6$ billion. There is no goodwill, including tax deductible goodwill, associated with the acquisition.

## Acquisition of AIG Star Life Insurance Co., Ltd., AIG Edison Life Insurance Company and Related Entities from AIG

On February 1, 2011, Prudential Financial completed the acquisition from American International Group, Inc. ("AIG") of AIG Star Life Insurance Co., Ltd. ("Star"), AIG Edison Life Insurance Company ("Edison"), AIG Financial Assurance Japan K.K., and AIG Edison Service Co., Ltd. (collectively, the "Star and Edison Businesses") pursuant to the stock purchase agreement dated September 30, 2010, between Prudential Financial and AIG. The total purchase price was $\$ 4,709$ million, comprised of $\$ 4,213$ million in cash and $\$ 496$ million in assumed third party debt, substantially all of which is expected to be repaid, over time, with excess capital of the acquired entities. The acquisition of these businesses included the purchase by the Company of all of the shares of these entities, which became indirect whollyowned subsidiaries of the Company. All acquired entities were Japanese corporations and their businesses were in Japan, increasing the

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 3. ACQUISITIONS AND DISPOSITIONS (continued)

Company's scale in the Japanese insurance market. On January 1, 2012, Star and Edison were merged into Gibraltar Life. Goodwill resulting from the acquisition of the Star and Edison Businesses amounted to $\$ 173$ million, none of which is tax deductible.

The following supplemental information presents selected unaudited pro forma information for the Company assuming the acquisition had occurred as of January 1, 2011. This pro forma information does not purport to represent what the Company's actual results of operations would have been if the acquisition had occurred as of the date indicated or what such results would be for any future periods, and does not reflect the impact of future events that may occur.

|  | Year Ended December 31, |
| :---: | :---: |
|  | 2011 |
|  | (in millions, except per share amount) |
| Total revenues | \$50,405 |
| Income from continuing operations | \$ 3,796 |
| Net income attributable to Prudential Financial, Inc. | \$ 3,797 |
| Earnings per share |  |
| Financial Services Businesses |  |
| Basic earnings per share-Common Stock: |  |
| Income from continuing operations attributable to Prudential Financial, Inc. | \$ 7.48 |
| Net income attributable to Prudential Financial, Inc. | \$ 7.56 |
| Diluted earnings per share-Common Stock: |  |
| Income from continuing operations attributable to Prudential Financial, Inc. | \$ 7.39 |
| Net income attributable to Prudential Financial, Inc. | \$ 7.46 |
| Closed Block Business |  |
| Basic and Diluted earnings per share-Class B Stock: |  |
| Income from continuing operations attributable to Prudential Financial, Inc. | \$ 61.00 |
| Net income attributable to Prudential Financial, Inc. | \$ 61.00 |

## Sale of Wealth Management Solutions Business

In April 2013, the Company signed a definitive agreement to sell its wealth management solutions business to Envestnet Inc. The transaction, which does not have a material impact to the Company's financial results, closed on July 1, 2013. Due to the existence of an ongoing contractual relationship between the Company and these operations, this disposition did not qualify for discontinued operations treatment under U.S. GAAP. See Note 22 for additional information.

## Sale of Real Estate Brokerage Franchise and Relocation Services Business

On December 6, 2011, the Company sold its real estate brokerage franchise and relocation services business ("PRERS") to Brookfield Asset Management, Inc. The Prudential Real Estate Financial Services Company of America Inc. ("PREFSA"), a finance subsidiary of the Company with investments in a limited number of real estate brokerage franchises, was excluded from the transaction. The proceeds from the sale, before transaction related expenses, were $\$ 108$ million and resulted in a pre-tax gain of $\$ 49$ million and an after tax gain of $\$ 62$ million.

Under the sale agreement, the real estate brokerage franchisees may continue to use the Company's trademark, based on the terms of their respective franchise agreements. In addition, the Company had agreed to provide certain Brookfield affiliates with transitional financing for the transferred relocation services business. This transitional financing was terminated on October 26, 2012.

PRERS did not qualify for discontinued operations treatment under U.S. GAAP due to the financing provided to Brookfield and the retained equity in PREFSA.

## Discontinued Operations

Income from discontinued operations, including charges upon disposition, for the years ended December 31, are as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |
| Real estate investments sold or held for sale(1) | \$ 9 | \$22 | \$37 |
| Global commodities business(2) | 1 | 0 | 16 |
| Other | 0 | 1 | 0 |
| Income from discontinued operations before income taxes | 10 | 23 | 53 |
| Income tax expense | 3 | 8 | 18 |
| Income from discontinued operations, net of taxes | \$ 7 | \$15 | \$35 |

[^1]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 3. ACQUISITIONS AND DISPOSITIONS (continued)

(2) In 2011, the Company completed the sale of all the issued and outstanding shares of capital stock of the subsidiaries that conduct its global commodities business (the "Global Commodities Business") and certain assets that are primarily used in connection with the Global Commodities Business to Jefferies Group, Inc. ("Jefferies"). Subsidiaries included in the sale were Prudential Bache Commodities, LLC, Prudential Bache Securities, LLC, Bache Commodities Limited, and Bache Commodities (Hong Kong) Ltd. The Company received cash proceeds of $\$ 422$ million. Included in the table above for the year ended December 31, 2011, are after-tax losses of $\$ 17$ million recorded in connection with the sale of these operations, consisting of pre-tax losses of $\$ 18$ million and income tax benefit of $\$ 1$ million.

Charges recorded in connection with the disposals of businesses include estimates that are subject to subsequent adjustment.
The Company's Consolidated Statements of Financial Position include total assets and total liabilities related to discontinued businesses as follows:


## 4. INVESTMENTS

## Fixed Maturities and Equity Securities

The following tables provide information relating to fixed maturities and equity securities (excluding investments classified as trading) as of the dates indicated:

|  | December 31, 2013 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | $\underset{\substack{\text { Gross } \\ \text { Unrealized } \\ \text { Gains }}}{ }$ | Gross Unrealized Losses | Fair Value | $\begin{gathered} \text { Other-than- } \\ \text { temporary } \\ \text { Impairments } \\ \text { in } \mathrm{AOCI}(3) \\ \hline \end{gathered}$ |
|  |  |  | (in millions) |  |  |
| Fixed maturities, available-for-sale |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 13,754 | \$ 1,742 | \$ 96 | \$ 15,400 |  |
| Obligations of U.S. states and their political subdivisions | 3,598 | 274 | 137 | 3,735 | 0 |
| Foreign government bonds | 75,595 | 7,459 | 266 | 82,788 | 1 |
| Corporate securities | 145,091 | 12,095 | 3,408 | 153,778 | (4) |
| Asset-backed securities(1) | 10,691 | 214 | 316 | 10,589 | (755) |
| Commercial mortgage-backed securities | 13,633 | 403 | 163 | 13,873 | 0 |
| Residential mortgage-backed securities(2) | 6,365 | 379 | 41 | 6,703 | (7) |
| Total fixed maturities, available-for-sale | \$268,727 | \$22,566 | \$4,427 | \$286,866 | \$(765) |
| Equity securities, available-for-sale | \$ 7,003 | \$ 2,931 | \$ 24 | \$ 9,910 |  |


|  | December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
|  | (in millions) |  |  |  |
| Fixed maturities, held-to-maturity |  |  |  |  |
| Foreign government bonds | \$ 938 | \$117 | \$ 0 | \$1,055 |
| Corporate securities(4) | 904 | 50 | 24 | 930 |
| Asset-backed securities(1) | 693 | 46 | 0 | 739 |
| Commercial mortgage-backed securities | 166 | 18 | 0 | 184 |
| Residential mortgage-backed securities(2) | 611 | 34 | 0 | 645 |
| Total fixed maturities, held-to-maturity(4) | $\overline{\$ 3,312}$ | \$265 | $\overline{\$ 24}$ | \$3,553 |

(1) Includes credit-tranched securities collateralized by sub-prime mortgages, auto loans, credit cards, education loans and other asset types.
(2) Includes publicly-traded agency pass-through securities and collateralized mortgage obligations.
(3) Represents the amount of other-than-temporary impairment losses in AOCI, which were not included in earnings. Amount excludes $\$ 875$ million of net unrealized gains on impaired available-for-sale securities and $\$ 1$ million on impaired held-to-maturity securities relating to changes in the value of such securities subsequent to the impairment measurement date.
(4) Excludes notes with amortized cost of $\$ 2,400$ million (fair value, $\$ 2,461$ million) which have been offset with the associated payables under a netting agreement.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

|  | December 31, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value | Other-thantemporary Impairments in $\mathrm{AOCI}(3)$ |
|  | (in millions) |  |  |  |  |
| Fixed maturities, available-for-sale |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 13,973 | \$ 3,448 | \$ 35 | \$ 17,386 | \$ 0 |
| Obligations of U.S. states and their political subdivisions . | 2,952 | 505 | 5 | 3,452 | 0 |
| Foreign government bonds | 81,578 | 6,778 | 66 | 88,290 | 1 |
| Corporate securities | 146,924 | 13,996 | 1,589 | 159,331 | (2) |
| Asset-backed securities(1) | 11,846 | 221 | 731 | 11,336 | (964) |
| Commercial mortgage-backed securities | 11,228 | 726 | 17 | 11,937 | 5 |
| Residential mortgage-backed securities(2) | 9,153 | 484 | 33 | 9,604 | (11) |
| Total fixed maturities, available-for-sale | \$277,654 | \$26,158 | \$2,476 | \$301,336 | \$(971) |
| Equity securities, available-for-sale | \$ 6,759 | \$ 1,573 | \$ 55 | \$ 8,277 |  |
|  | December 31, 2012 |  |  |  |  |
|  | Amortized Cost | Gross <br> Unrealized <br> Gains | Gross <br> Unrealized <br> Losses | Fair Value |  |
|  | (in millions) |  |  |  |  |
| Fixed maturities, held-to-maturity |  |  |  |  |  |
| Foreign government bonds | \$1,142 | \$108 | \$ 0 | \$1,250 |  |
| Corporate securities(4) | 1,065 | 37 | 67 | 1,035 |  |
| Asset-backed securities(1) | 1,001 | 66 | 0 | 1,067 |  |
| Commercial mortgage-backed securities | 302 | 49 | 0 | 351 |  |
| Residential mortgage-backed securities(2) | 758 | 50 | 0 | 808 |  |
| Total fixed maturities, held-to-maturity(4) | \$4,268 | \$310 | \$67 | \$4,511 |  |

(1) Includes credit-tranched securities collateralized by sub-prime mortgages, auto loans, credit cards, education loans, and other asset types.
(2) Includes publicly-traded agency pass-through securities and collateralized mortgage obligations.
(3) Represents the amount of other-than-temporary impairment losses in AOCI, which were not included in earnings. Amount excludes $\$ 778$ million of net unrealized gains on impaired available-for-sale securities and $\$ 1$ million of net unrealized gains on impaired held-to-maturity securities relating to changes in the value of such securities subsequent to the impairment measurement date.
(4) Excludes notes with amortized cost of $\$ 1,500$ million (fair value, $\$ 1,660$ million) which have been offset with the associated payables under a netting agreement.

The amortized cost and fair value of fixed maturities by contractual maturities at December 31, 2013, are as follows:

|  | Availabl | or-Sale | Held-to- | urity |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair Value |
|  |  | (in m |  |  |
| Due in one year or less | \$ 9,160 | \$ 9,591 | \$ 0 | \$ 0 |
| Due after one year through five years | 47,219 | 51,622 | 55 | 56 |
| Due after five years through ten years | 57,745 | 62,682 | 323 | 331 |
| Due after ten years(1) | 123,914 | 131,806 | 1,464 | 1,597 |
| Asset-backed securities | 10,691 | 10,589 | 693 | 739 |
| Commercial mortgage-backed securities | 13,633 | 13,873 | 166 | 184 |
| Residential mortgage-backed securities | 6,365 | 6,703 | 611 | 646 |
| Total | \$268,727 | \$286,866 | \$3,312 | \$3,553 |

(1) Excludes notes with amortized cost of $\$ 2,400$ million (fair value, $\$ 2,461$ million) which have been offset with the associated payables under a netting agreement

Actual maturities may differ from contractual maturities because issuers may have the right to call or prepay obligations. Assetbacked, commercial mortgage-backed, and residential mortgage-backed securities are shown separately in the table above, as they are not due at a single maturity date.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

The following table depicts the sources of fixed maturity proceeds and related investment gains (losses), as well as losses on impairments of both fixed maturities and equity securities:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Fixed maturities, available-for-sale |  |  |  |
| Proceeds from sales | \$37,248 | \$15,919 | \$24,834 |
| Proceeds from maturities/repayments | 23,573 | 21,897 | 17,660 |
| Gross investment gains from sales, prepayments, and maturities | 1,571 | 659 | 1,100 |
| Gross investment losses from sales and maturities | $(1,465)$ | (359) | (335) |
| Fixed maturities, held-to-maturity |  |  |  |
| Gross investment gains from prepayments | \$ | \$ 0 | \$ 0 |
| Proceeds from maturities/repayments | 583 | 530 | 457 |
| Equity securities, available-for-sale |  |  |  |
| Proceeds from sales | \$ 4,235 | \$ 4,189 | \$ 3,750 |
| Gross investment gains from sales | 554 | 422 | 506 |
| Gross investment losses from sales | (94) | (273) | (249) |
| Fixed maturity and equity security impairments |  |  |  |
| Net writedowns for other-than-temporary impairment losses on earnings(1) | \$ (200) | \$ (337) | \$ (535) |
| Writedowns for impairments on equity securities | (15) | (125) | (112) |

(1) Excludes the portion of other-than-temporary impairments recorded in "Other comprehensive income (loss)," representing any difference between the fair value of the impaired debt security and the net present value of its projected future cash flows at the time of impairment.

As discussed in Note 2, a portion of certain other-than-temporary impairment ("OTTI") losses on fixed maturity securities are recognized in "Other comprehensive income (loss)" ("OCI"). For these securities, the net amount recognized in earnings ("credit loss impairments") represents the difference between the amortized cost of the security and the net present value of its projected future cash flows discounted at the effective interest rate implicit in the debt security prior to impairment. Any remaining difference between the fair value and amortized cost is recognized in OCI. The following table sets forth the amount of pre-tax credit loss impairments on fixed maturity securities held by the Company as of the dates indicated, for which a portion of the OTTI loss was recognized in OCI, and the corresponding changes in such amounts.

## Credit losses recognized in earnings on fixed maturity securities held by the Company for which a portion of the OTTI loss was recognized in OCI

|  | Year Ended December 31 |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Balance, beginning of period | \$1,166 | \$1,475 |
| Credit loss impairments previously recognized on securities which matured, paid down, prepaid or were sold during the period | (314) | (384) |
| Credit loss impairments previously recognized on securities impaired to fair value during the period(1) | (4) | (88) |
| Credit loss impairment recognized in the current period on securities not previously impaired | 9 | 33 |
| Additional credit loss impairments recognized in the current period on securities previously impaired | 74 | 94 |
| Increases due to the passage of time on previously recorded credit losses | 52 | 63 |
| Accretion of credit loss impairments previously recognized due to an increase in cash flows expected to be collected | (15) | (27) |
| Balance, end of period | \$ 968 | \$1,166 |

[^2]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

## Trading Account Assets Supporting Insurance Liabilities

The following table sets forth the composition of "Trading account assets supporting insurance liabilities" as of the dates indicated:

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair Value |
|  | (in millions) |  |  |  |
| Short-term investments and cash equivalents | \$ 697 | \$ 697 | \$ 938 | \$ 938 |
| Fixed maturities: |  |  |  |  |
| Corporate securities | 12,109 | 12,616 | 11,076 | 12,107 |
| Commercial mortgage-backed securities | 2,417 | 2,441 | 2,096 | 2,229 |
| Residential mortgage-backed securities(1) | 1,857 | 1,830 | 1,965 | 2,026 |
| Asset-backed securities(2) | 1,096 | 1,107 | 1,179 | 1,116 |
| Foreign government bonds | 579 | 596 | 683 | 708 |
| U.S. government authorities and agencies and obligations of U.S. states | 303 | 341 | 369 | 426 |
| Total fixed maturities | 18,361 | 18,931 | 17,368 | 18,612 |
| Equity securities | 913 | 1,199 | 943 | 1,040 |
| Total trading account assets supporting insurance liabilities | \$19,971 | \$20,827 | \$19,249 | \$20,590 |

(1) Includes publicly-traded agency pass-through securities and collateralized mortgage obligations.
(2) Includes credit-tranched securities collateralized by sub-prime mortgages, auto loans, credit cards, education loans and other asset types.

The net change in unrealized gains / (losses) from trading account assets supporting insurance liabilities still held at period end, recorded within "Asset management fees and other income" was $\$(485)$ million, $\$ 689$ million and $\$ 209$ million during the years ended December 31, 2013, 2012 and 2011, respectively.

## Other Trading Account Assets

The following table sets forth the composition of the "Other trading account assets" as of the dates indicated:

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair <br> Value |
|  | (in millions) |  |  |  |
| Short-term investments and cash equivalents ... | \$ 105 | \$ 106 | \$ 42 | \$ 42 |
| Fixed maturities | 4,653 | 4,723 | 2,196 | 2,132 |
| Equity securities | 1,051 | 1,177 | 1,363 | 1,437 |
| Other | 3 | 7 | 3 | 6 |
| Subtotal | \$5,812 | 6,013 | \$3,604 | 3,617 |
| Derivative instruments |  | 440 |  | 2,711 |
| Total other trading account assets |  | \$6,453 |  | \$6,328 |

The net change in unrealized gains / (losses) from other trading account assets, excluding derivative instruments, still held at period end, recorded within "Asset management fees and other income" was $\$ 188$ million, $\$ 264$ million and $\$ 63$ million during the years ended December 31, 2013, 2012 and 2011, respectively.

## Concentrations of Financial Instruments

The Company monitors its concentrations of financial instruments on an on-going basis, and mitigates credit risk by maintaining a diversified investment portfolio which limits exposure to any one issuer.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

As of both December 31, 2013 and 2012, the Company's exposure to concentrations of credit risk of single issuers greater than $10 \%$ of the Company's stockholders' equity included securities of the U.S. government, certain U.S. government agencies and certain securities guaranteed by the U.S. government, as well as the securities disclosed below.

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value | Amortized Cost | Fair Value |
|  | (in millions) |  |  |  |
| Investments in Japanese government and government agency securities: |  |  |  |  |
| Fixed maturities, available-for-sale | \$59,775 | \$65,389 | \$66,590 | \$70,997 |
| Fixed maturities, held-to-maturity | 916 | 1,032 | 1,118 | 1,223 |
| Trading account assets supporting insurance liabilities | 451 | 458 | 513 | 524 |
| Other trading account assets | 38 | 39 | 39 | 40 |
| Short-term investments | 0 | 0 | 0 | 0 |
| Cash equivalents | 107 | 107 | 1,637 | 1,637 |
| Total | \$61,287 | \$67,025 | \$69,897 | \$74,421 |
| Investments in South Korean government and government agency securities: |  |  |  |  |
| Fixed maturities, available-for-sale | \$ 6,672 | \$ 7,277 | \$ 5,837 | \$ 6,883 |
| Fixed maturities, held-to-maturity | 0 | 0 | 0 | 0 |
| Trading account assets supporting insurance liabilities | 61 | 61 | 62 | 63 |
| Other trading account assets | 0 | 0 | 2 | 2 |
| Short-term investments | 0 | 0 | 0 | 0 |
| Cash equivalents | 0 | 0 | 0 | 0 |
| Total | \$ 6,733 | \$ 7,338 | \$ 5,901 | \$ 6,948 |

## Commercial Mortgage and Other Loans

The Company's commercial mortgage and other loans are comprised as follows, as of the dates indicated:

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amount (in millions) | \% of Total | Amount (in millions) | \% of Total |
| Commercial and agricultural mortgage loans by property type: |  |  |  |  |
| Office | \$ 7,762 | 19.9\% | \$ 6,890 | 20.1\% |
| Retail | 8,698 | 22.3 | 8,190 | 23.9 |
| Apartments/Multi-Family | 7,492 | 19.2 | 5,235 | 15.3 |
| Industrial | 7,390 | 18.9 | 7,636 | 22.3 |
| Hospitality | 2,050 | 5.2 | 1,322 | 3.9 |
| Other | 3,464 | 8.9 | 2,841 | 8.3 |
| Total commercial mortgage loans | 36,856 | 94.4 | 32,114 | 93.8 |
| Agricultural property loans | 2,183 | 5.6 | 2,122 | 6.2 |
| Total commercial and agricultural mortgage loans by property type | 39,039 | 100.0\% | 34,236 | 100.0\% |
| Valuation allowance | (195) |  | (229) |  |
| Total net commercial mortgage and agricultural loans by property type | 38,844 |  | 34,007 |  |
| Other loans |  |  |  |  |
| Uncollateralized loans | 1,306 |  | 1,836 |  |
| Residential property loans | 544 |  | 790 |  |
| Other collateralized loans | 335 |  | 140 |  |
| Total other loans | 2,185 |  | 2,766 |  |
| Valuation allowance | (21) |  | (40) |  |
| Total net other loans | 2,164 |  | 2,726 |  |
| Total commercial mortgage and other loans(1) | \$41,008 |  | \$36,733 |  |

(1) Includes loans held at fair value.

The commercial mortgage and agricultural property loans are geographically dispersed throughout the United States, Canada and Asia with the largest concentrations in California (26\%), New York (9\%) and Texas (9\%) at December 31, 2013.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

Activity in the allowance for losses for all commercial mortgage and other loans, as of the dates indicated, is as follows:

|  | Commercial Mortgage Loans | Agricultural Property Loans | Residential Property Loans | Other Collateralized Loans | Uncollateralized Loans | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |  |  |  |
| Allowance for losses, beginning of year, 2012 | \$294 | \$19 | \$16 | \$18 | \$20 | \$367 |
| Addition to / (release of) allowance of losses | (20) | 1 | (4) | (6) | (2) | (31) |
| Charge-offs, net of recoveries | (65) | 0 | 0 | 0 | 0 | (65) |
| Change in foreign exchange | 0 | 0 | (1) | 0 | (1) | (2) |
| Total Ending Balance, 2012 | \$209 | \$20 | \$11 | \$12 | \$17 | \$269 |
|  | Commercial Mortgage Loans | Agricultural Property Loans | Residential Property Loans | Other Collateralized Loans | Uncollateralized Loans | Total |
|  |  |  | (in mi | llions) |  |  |
| Allowance for losses, beginning of year, 2013 | \$209 | \$20 | \$11 | \$12 | \$17 | \$269 |
| Addition to / (release of) allowance of losses | 12 | (7) | (3) | (9) | (2) | (9) |
| Charge-offs, net of recoveries | (33) | (6) | 0 | 0 | 0 | (39) |
| Change in foreign exchange | 0 | 0 | (2) | 0 | (3) | (5) |
| Total Ending Balance, 2013 | \$188 | \$ 7 | \$ 6 | \$ 3 | \$12 | \$216 |

The following tables set forth the allowance for credit losses and the recorded investment in commercial mortgage and other loans, for the years ended December 31:

|  | 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Commercial } \\ & \text { Mortgage } \\ & \text { Loans } \end{aligned}$ | $\begin{gathered} \text { Agricultural } \\ \text { Property } \\ \text { Loans } \\ \hline \end{gathered}$ | Residential Property Loans | Other Collateralized Loans | Uncollateralized Loans | Total |
|  | (in millions) |  |  |  |  |  |
| Allowance for Credit Losses: |  |  |  |  |  |  |
| Ending balance: individually evaluated for impairment | \$ 16 | \$ 0 | \$ 0 | \$ 3 | \$ 0 | \$ 19 |
| Ending balance: collectively evaluated for impairment | 172 | 7 | 6 | 0 | 12 | 197 |
| Ending balance: loans acquired with deteriorated credit quality | 0 | 0 | 0 | 0 | 0 | 0 |
| Total ending balance | \$ 188 | \$ 7 | \$ 6 | \$ 3 | \$ 12 | \$ 216 |
| Recorded Investment:(1) |  |  |  |  |  |  |
| Ending balance gross of reserves: individually evaluated for impairment | \$ 429 | \$ 5 | \$ 0 | \$ 7 | \$ 2 | \$ 443 |
| Ending balance gross of reserves: collectively evaluated for impairment | 36,427 | 2,178 | 544 | 328 | 1,304 | 40,781 |
| Ending balance gross of reserves: loans acquired with deteriorated credit quality | 0 | 0 | 0 | 0 | 0 | 0 |
| Total ending balance, gross of reserves | \$36,856 | \$2,183 | \$544 | \$335 | \$1,306 | \$41,224 |

(1) Recorded investment reflects the balance sheet carrying value gross of related allowance.

|  | 2012 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Commercial Mortgage Loans | Agricultural Property Loans | Residential Property Loans | Other Collateralized Loans | Uncollateralized Loans | Total |
|  | (in millions) |  |  |  |  |  |
| Allowance for Credit Losses: |  |  |  |  |  |  |
| Ending balance: individually evaluated for impairment | \$ 49 | \$ 12 | \$ 0 | \$ 12 | \$ 0 | \$ 73 |
| Ending balance: collectively evaluated for impairment | 160 | 8 | 11 | 0 | 17 | 196 |
| Ending balance: loans acquired with deteriorated credit quality | 0 | 0 | 0 | 0 | 0 | 0 |
| Total ending balance | \$ 209 | \$ 20 | \$ 11 | \$ 12 | \$ 17 | \$ 269 |
| Recorded Investment:(1) |  |  |  |  |  |  |
| Ending balance gross of reserves: individually evaluated for impairment | \$ 1,011 | \$ 49 | \$ 0 | \$ 93 | \$ 3 | \$ 1,156 |
| Ending balance gross of reserves: collectively evaluated for impairment | 31,103 | 2,073 | 790 | 47 | 1,833 | 35,846 |
| Ending balance gross of reserves: loans acquired with deteriorated credit quality | 0 | 0 | 0 | 0 | 0 | 0 |
| Total ending balance, gross of reserves | \$32,114 | \$2,122 | \$790 | \$140 | \$1,836 | \$37,002 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

(1) Recorded investment reflects the balance sheet carrying value gross of related allowance.

Impaired loans include those loans for which it is probable that all amounts due will not be collected according to the contractual terms of the loan agreement. Impaired commercial mortgage and other loans identified in management's specific review of probable loan losses and the related allowance for losses, for the years ended:
$\left.\begin{array}{llllll} & & & \text { 2013 }\end{array}\right]$
(1) Recorded investment reflects the balance sheet carrying value gross of related allowance.
(2) Average recorded investment represents the average of the beginning-of-period and all subsequent quarterly end-of-period balances.
(3) The interest income recognized is for the year-to-date income regardless of when the impairment occurred.

2012

|  | 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Recorded } \\ \text { Investment(1) } \end{gathered}$ | Unpaid Principal Balance | Related Allowance | Average Recorded Investment Before Allowance(2) | Interest Income Recognized(3) |
|  |  |  | (in millions) |  |  |
| With no related allowance recorded: |  |  |  |  |  |
| Commercial mortgage loans(4) | \$ 27 | \$166 | \$ 0 | \$ 54 | \$ 4 |
| Agricultural property loans | 0 | 0 | 0 | 0 | 0 |
| Residential property loans | 0 | 0 | 0 | 0 | 0 |
| Other collateralized loans | 0 | 0 | 0 | 0 | 0 |
| Uncollateralized loans | 0 | 2 | 0 | 4 | 0 |
| Total with no related allowance . | \$27 | \$168 | \$ 0 | \$ 58 | \$ 4 |
| With an allowance recorded: |  |  |  |  |  |
| Commercial mortgage loans | \$185 | \$185 | \$50 | \$351 | \$ 8 |
| Agricultural property loans | 17 | 17 | 12 | 16 | 0 |
| Residential property loans | 0 | 0 | 0 | 0 | 0 |
| Other collateralized loans | 17 | 17 | 11 | 19 | 0 |
| Uncollateralized loans | 0 | 0 | 0 | 0 | 0 |
| Total with related allowance | \$219 | \$219 | \$73 | \$386 | \$8 |
| Total: |  |  |  |  |  |
| Commercial mortgage loans(4) | \$212 | \$351 | \$50 | \$405 | \$12 |
| Agricultural property loans | 17 | 17 | 12 | 16 | 0 |
| Residential property loans | 0 | 1 | 0 | 0 | 0 |
| Other collateralized loans | 17 | 17 | 11 | 19 | 0 |
| Uncollateralized loans | 0 | 2 | 0 | 4 | 0 |
| Total | $\overline{\$ 246}$ | \$387 | \$73 | \$444 | \$12 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

(1) Recorded investment reflects the balance sheet carrying value gross of related allowance.
(2) Average recorded investment represents the average of the beginning-of-period and all subsequent quarterly end-of-period balances.
(3) The interest income recognized is for the year-to-date income regardless of when the impairments occurred.
(4) Includes the impact of loans acquired from the Star Business for which the balance sheet carrying value had been previously written down.

The net carrying value of commercial and other loans held for sale by the Company as of December 31, 2013 and 2012, was $\$ 158$ million and $\$ 114$ million, respectively. In all of these transactions, the Company pre-arranges that it will sell the loan to an investor. As of December 31, 2013 and 2012, all of the Company's commercial and other loans held for sale were collateralized, with collateral primarily consisting of office buildings, retail properties, apartment complexes and industrial buildings.

The following tables set forth the credit quality indicators as of December 31, 2013, based upon the recorded investment gross of allowance for credit losses.

## Commercial mortgage loans

|  | Debt Service Coverage Ratio-December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Greater than } \\ & 1.2 \mathrm{X} \end{aligned}$ | 1.0X to $<1.2 \mathrm{X}$ | Less than 1.0X | Total |
|  | (in millions) |  |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$19,089 | \$ 597 | \$179 | \$19,865 |
| 60\%-69.99\% | 11,101 | 379 | 95 | 11,575 |
| 70\%-79.99\% | 4,005 | 422 | 216 | 4,643 |
| Greater than $80 \%$ | 325 | 173 | 275 | 773 |
| Total commercial mortgage loans | \$34,520 | \$1,571 | \$765 | \$36,856 |

## Agricultural property loans

|  | Debt Service Coverage Ratio-December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Greater than } \\ & 1.2 \mathrm{X} \end{aligned}$ | 1.0X to <1.2X | $\begin{aligned} & \hline \text { Less than } \\ & 1.0 \mathrm{X} \end{aligned}$ | Total |
|  | (in millions) |  |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$2,023 | \$137 | \$0 | \$2,160 |
| 60\%-69.99\% | 23 | 0 | 0 | 23 |
| 70\%-79.99\% | 0 | 0 | 0 | 0 |
| Greater than $80 \%$ | 0 | 0 | 0 | 0 |
| Total agricultural property loans | \$2,046 | \$137 | \$0 | \$2,183 |

## Total commercial and agricultural mortgage loans

|  | Debt Serv | Coverage Ratio | December | 2013 |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Greater than } \\ & 1.2 \mathrm{X} \end{aligned}$ | 1.0X to $<1.2 \mathrm{X}$ | $\begin{aligned} & \text { Less than } \\ & 1.0 \mathrm{X} \end{aligned}$ | Total |
|  |  | (in million |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$21,112 | \$ 734 | \$179 | \$22,025 |
| 60\%-69.99\% | 11,124 | 379 | 95 | 11,598 |
| 70\%-79.99\% | 4,005 | 422 | 216 | 4,643 |
| Greater than $80 \%$ | 325 | 173 | 275 | 773 |
| Total commercial and agricultural mortgage loans | \$36,566 | \$1,708 | \$765 | \$39,039 |

The following tables set forth the credit quality indicators as of December 31, 2012, based upon the recorded investment gross of allowance for credit losses.

## Commercial mortgage loans

|  | Debt Service Coverage Ratio-December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Greater than } \\ & 1.2 \mathrm{X} \end{aligned}$ | 1.0X to $<1.2 \mathrm{X}$ | $\begin{gathered} \text { Less than } \\ 1.0 X \end{gathered}$ | Total |
|  | (in millions) |  |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$15,089 | \$ 487 | \$ 188 | \$15,764 |
| 60\%-69.99\% | 9,263 | 801 | 36 | 10,100 |
| 70\%-79.99\% | 3,689 | 776 | 217 | 4,682 |
| Greater than 80\% | 219 | 770 | 579 | 1,568 |
| Total commercial mortgage loans | \$28,260 | \$2,834 | \$1,020 | \$32,114 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

## Agricultural property loans

|  | Debt Service Coverage Ratio-December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Greater than 1.2X | 1.0X to <1.2X | $\begin{aligned} & \text { Less than } \\ & 1.0 \mathrm{X} \end{aligned}$ | Total |
|  | (in millions) |  |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$1,635 | \$186 | \$44 | \$1,865 |
| 60\%-69.99\% | 213 | 0 | 0 | 213 |
| 70\%-79.99\% | 0 | 0 | 0 | 0 |
| Greater than $80 \%$ | 0 | 0 | 44 | 44 |
| Total agricultural property loans | \$1,848 | \$186 | \$88 | \$2,122 |

## Total commercial and agricultural mortgage loans

|  | Debt Serv | Coverage Ratio | December | 2012 |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Greater than } \\ & 1.2 \mathrm{X} \end{aligned}$ | 1.0X to $<1.2 \mathrm{X}$ | $\begin{gathered} \text { Less than } \\ 1.0 \mathrm{X} \end{gathered}$ | Total |
|  |  | (in million |  |  |
| Loan-to-Value Ratio |  |  |  |  |
| 0\%-59.99\% | \$16,724 | \$ 673 | \$ 232 | \$17,629 |
| 60\%-69.99\% | 9,476 | 801 | 36 | 10,313 |
| 70\%-79.99\% | 3,689 | 776 | 217 | 4,682 |
| Greater than $80 \%$ | 219 | 770 | 623 | 1,612 |
| Total commercial and agricultural mortgage loans | \$30,108 | \$3,020 | \$1,108 | \$34,236 |

The following tables provide an aging of past due commercial mortgage and other loans as of the dates indicated, based upon the recorded investment gross of allowance for credit losses, as well as the amount of commercial mortgage loans on nonaccrual status as of the dates indicated.


December 31, 2012

|  | Current | $\begin{aligned} & \text { 30-59 Days } \\ & \text { Past Due } \end{aligned}$ | 60-89 Days Past Due | Greater <br> Than 90 Days Accruing | Greater <br> Than 90 <br> Days - Not <br> Accruing | Total Past Due | Total <br> Commercial Mortgage and Other Loans | Non Accrual Status |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | millions) |  |  |  |
| Commercial mortgage loans | \$31,943 | \$43 | \$91 | \$0 | \$37 | \$171 | \$32,114 | \$190 |
| Agricultural property loans | 2,077 | 0 | 0 | 0 | 45 | 45 | 2,122 | 49 |
| Residential property loans | 759 | 12 | 5 | 0 | 14 | 31 | 790 | 14 |
| Other collateralized loans | 139 | 0 | 0 | 0 | 1 | 1 | 140 | 17 |
| Uncollateralized loans | 1,836 | 0 | 0 | 0 | 0 | 0 | 1,836 | 3 |
| Total | \$36,754 | \$55 | \$96 | \$0 | \$97 | \$248 | \$37,002 | \$273 |

See Note 2 for further discussion regarding nonaccrual status loans.
For the years ended December 31, 2013 and 2012, there were $\$ 718$ million and $\$ 47$ million of commercial mortgage and other loans acquired, other than those through direct origination. For the years ended December 31, 2013 and 2012, there were $\$ 93$ million and $\$ 0$ million of commercial mortgage and other loans sold, other than those classified as held-for-sale.

The Company's commercial mortgage and other loans may occasionally be involved in a troubled debt restructuring. As of both December 31, 2013 and December 31, 2012, the Company had no significant commitments to fund to borrowers that have been involved in a troubled debt restructuring. For the years ended December 31, 2013 and 2012, there was an adjusted pre-modification outstanding

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

recorded investment of $\$ 117$ million and $\$ 20$ million, respectively, and post-modification outstanding recorded investment of $\$ 114$ million and $\$ 18$ million, respectively, related to commercial mortgage loans. No payment defaults on commercial mortgage and other loans were modified as a troubled debt restructuring within the 12 months preceding each respective period. See Note 2 for additional information relating to the accounting for troubled debt restructurings.

## Other Long-Term Investments

The following table sets forth the composition of "Other long-term investments" at December 31 for the years indicated.

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in m | ons) |
| Joint ventures and limited partnerships: |  |  |
| Real estate-related | \$ 1,104 | \$ 1,250 |
| Non-real estate-related | 6,141 | 5,623 |
| Total joint ventures and limited partnerships | 7,245 | 6,873 |
| Real estate held through direct ownership | 2,051 | 2,108 |
| Other | 1,032 | 1,047 |
| Total other long-term investments | \$10,328 | \$10,028 |

In certain investment structures, the Company's asset management business invests with other co-investors in an investment fund referred to as a feeder fund. In these structures, the invested capital of several feeder funds is pooled together and used to purchase ownership interests in another fund, referred to as a master fund. The master fund utilizes this invested capital and, in certain cases, other debt financing, to purchase various classes of assets on behalf of its investors. Specialized industry accounting for investment companies calls for the feeder fund to reflect its investment in the master fund as a single net asset equal to its proportionate share of the net assets of the master fund, regardless of its level of interest in the master fund. In cases where the Company consolidates the feeder fund, it retains the feeder fund's net asset presentation and reports the consolidated feeder fund's proportionate share of the net assets of the master fund in "Other long-term investments," with any unaffiliated investors' noncontrolling interest in the feeder fund reported in "Other liabilities" or "Noncontrolling interests." The consolidated feeder funds' investments in these master funds, reflected on this net asset basis, totaled $\$ 52$ million and $\$ 97$ million as of December 31, 2013 and 2012, respectively. The unaffiliated interest in the consolidated feeder funds was $\$ 0$ and $\$ 2$ million as of December 31, 2013 and 2012, respectively, and the master funds had gross assets of $\$ 972$ million and $\$ 1,049$ million, respectively, and gross liabilities of $\$ 794$ million and $\$ 791$ million, respectively, which are not included on the Company's balance sheet.

## Equity Method Investments

The following tables set forth summarized combined financial information for significant joint ventures and limited partnership interests accounted for under the equity method, including the Company's investments in operating joint ventures that are described in more detail in Note 7 . Changes between periods in the tables below reflect changes in the activities within the joint ventures and limited partnerships, as well as changes in the Company's level of investment in such entities.

|  | At December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| STATEMENT OF FINANCIAL POSITION |  |  |
| Total assets(1) | \$51,588 | \$41,418 |
| Total liabilities(2) | \$10,868 | \$ 8,786 |
| Partners' capital | 40,720 | 32,632 |
| Total liabilities and partners' capital | \$51,588 | \$41,418 |
| Total liabilities and partners' capital included above | \$ 3,765 | \$ 3,778 |
| Equity in limited partnership interests not included above | 350 | 453 |
| Carrying value | \$ 4,115 | \$ 4,231 |

(1) Assets consist primarily of investments in real estate, investments in securities and other miscellaneous assets.
(2) Liabilities consist primarily of third party-borrowed funds, securities repurchase agreements and other miscellaneous liabilities.


## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

(1) Revenue consists of income from investments in real estate, investments in securities and other income.
(2) Expenses consist primarily of interest expense, management fees, salary expenses and other expenses.

## Net Investment Income

Net investment income for the years ended December 31, was from the following sources:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Fixed maturities, available-for-sale | \$10,541 | \$ 9,800 | \$ 9,374 |
| Fixed maturities, held-to-maturity | 125 | 135 | 140 |
| Equity securities, available-for-sale | 337 | 332 | 315 |
| Trading account assets | 963 | 890 | 889 |
| Commercial mortgage and other loans | 1,985 | 2,014 | 1,926 |
| Policy loans | 611 | 597 | 598 |
| Short-term investments and cash equivalents | 40 | 46 | 58 |
| Other long-term investments | 710 | 320 | 231 |
| Gross investment income | 15,312 | 14,134 | 13,531 |
| Less: investment expenses | (583) | (473) | (407 |
| Net investment income | \$14,729 | \$13,661 | \$13,124 |

Carrying value for non-income producing assets included $\$ 132$ million in trading account assets supporting insurance liabilities, $\$ 11$ million in fixed maturities and less than $\$ 1$ million in commercial mortgage and other loans as of December 31, 2013. Non-income producing assets represent investments that have not produced income for the twelve months preceding December 31, 2013.

## Realized Investment Gains (Losses), Net

Realized investment gains (losses), net, for the years ended December 31, were from the following sources:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |
| Fixed maturities | \$ (93) | \$ (37) | \$ 230 |
| Equity securities | 444 | 24 | 145 |
| Commercial mortgage and other loans | 79 | 94 | 122 |
| Investment real estate | 2 | (20) | (20) |
| Joint ventures and limited partnerships | 34 | (2) | 26 |
| Derivatives(1) | $(5,688)$ | $(1,500)$ | 2,294 |
| Other | 16 | 0 | 34 |
| Realized investment gains (losses), net | \$(5,206) | \$(1,441) | \$2,831 |

(1) Includes embedded derivatives as well as the offset of hedged items in qualifying effective hedge relationships prior to maturity or termination.

## Net Unrealized Investment Gains (Losses) on Investments by Asset Class

The table below presents net unrealized gains (losses) on investments by asset class as of the dates indicated:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Fixed maturity securities on which an OTTI loss has been recognized | \$ 110 | \$ (194) | \$ $(1,003)$ |
| Fixed maturity securities, available-for-sale-all other | 18,029 | 23,876 | 15,227 |
| Equity securities, available-for-sale | 2,907 | 1,518 | 613 |
| Derivatives designated as cash flow hedges(1) | (446) | (257) | (86) |
| Other investments(2) | 4 | 14 | (6) |
| Net unrealized gains (losses) on investments | \$20,604 | \$24,957 | \$14,745 |

[^3]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

## Duration of Gross Unrealized Loss Positions for Fixed Maturities and Equity Securities

The following table shows the fair value and gross unrealized losses aggregated by investment category and length of time that individual fixed maturity securities and equity securities have been in a continuous unrealized loss position, at December 31:

|  | 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than twelve months |  | Twelve months or more |  | Total |  |
|  | Fair Value | Gross <br> Unrealized <br> Losses | $\underline{\text { Fair Value }}$ | Gross <br> Unrealized <br> Losses | $\underline{\text { Fair Value }}$ | Gross <br> Unrealized <br> Losses |
|  | (in millions) |  |  |  |  |  |
| Fixed maturities(1) |  |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 3,913 | \$ 95 | \$ 6 | \$ 1 | \$ 3,919 | \$ 96 |
| Obligations of U.S. states and their political subdivisions | 1,187 | 129 | 43 | 8 | 1,230 | 137 |
| Foreign government bonds | 3,260 | 211 | 438 | 55 | 3,698 | 266 |
| Corporate securities | 29,574 | 1,618 | 14,094 | 1,814 | 43,668 | 3,432 |
| Commercial mortgage-backed securities | 4,267 | 128 | 605 | 35 | 4,872 | 163 |
| Asset-backed securities | 3,007 | 42 | 2,556 | 274 | 5,563 | 316 |
| Residential mortgage-backed securities | 1,590 | 34 | 239 | 7 | 1,829 | 41 |
| Total | \$46,798 | \$2,257 | \$17,981 | \$2,194 | \$64,779 | \$4,451 |
| Equity securities, available-for-sale | \$ 586 | \$ 24 | \$ 1 | \$ 0 | \$ 587 | \$ 24 |

(1) Includes $\$ 210$ million of fair value and $\$ 24$ million of gross unrealized losses at December 31, 2013, on securities classified as held-to-maturity, a portion of which is not reflected in AOCI.

|  | 2012 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than twelve months |  | Twelve months or more |  | Total |  |
|  | Fair Value | Gross <br> Unrealized <br> Losses | Fair Value | Gross <br> Unrealized <br> Losses | Fair Value | Gross <br> Unrealized <br> Losses |
|  | (in millions) |  |  |  |  |  |
| Fixed maturities(1) |  |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 2,191 | \$ 33 | \$ 42 | \$ 2 | \$ 2,233 | \$ 35 |
| Obligations of U.S. states and their political subdivisions | 343 | 5 | 5 | 0 | 348 | 5 |
| Foreign government bonds | 5,426 | 55 | 167 | 11 | 5,593 | 66 |
| Corporate securities | 25,051 | 599 | 7,961 | 1,057 | 33,012 | 1,656 |
| Commercial mortgage-backed securities | 525 | 3 | 185 | 14 | 710 | 17 |
| Asset-backed securities | 911 | 11 | 3,545 | 720 | 4,456 | 731 |
| Residential mortgage-backed securities | 773 | 4 | 259 | 29 | 1,032 | 33 |
| Total | \$35,220 | \$710 | \$12,164 | \$1,833 | \$47,384 | \$2,543 |
| Equity securities, available-for-sale | \$ 961 | \$ 55 | \$ 0 | \$ 0 | \$ 961 | \$ 55 |

(1) Includes $\$ 526$ million of fair value and $\$ 67$ million of gross unrealized losses at December 31, 2012, on securities classified as held-to-maturity, a portion of which is not reflected in AOCI.

The gross unrealized losses at December 31, 2013 and 2012, are composed of $\$ 4,178$ million and $\$ 1,866$ million related to high or highest quality securities based on NAIC or equivalent rating and $\$ 274$ million and $\$ 677$ million related to other than high or highest quality securities based on NAIC or equivalent rating. At December 31, 2013, the $\$ 2,194$ million of gross unrealized losses of twelve months or more were concentrated in the consumer non-cyclical, utility, and capital goods sectors of the Company's corporate securities. At December 31, 2012, the $\$ 1,833$ million of gross unrealized losses of twelve months or more were concentrated in asset-backed securities, and in the finance and consumer cyclical sectors of the Company's corporate securities. In accordance with its policy described in Note 2, the Company concluded that an adjustment to earnings for other-than-temporary impairments for these securities was not warranted at either December 31, 2013 and 2012. These conclusions are based on a detailed analysis of the underlying credit and cash flows on each security. The gross unrealized losses are primarily attributable to foreign currency movements, credit spread widening and increased liquidity discounts. At December 31, 2013, the Company does not intend to sell the securities and it is not more likely than not that the Company will be required to sell the securities before the anticipated recovery of its remaining amortized cost basis.

At December 31, 2013, $\$ 4$ million of the gross unrealized losses represented declines of greater than $20 \%$, all of which had been in that position for less than six months. At December 31, 2012, $\$ 6$ million of the gross unrealized losses represented declines of greater than

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 4. INVESTMENTS (continued)

$20 \%$, $\$ 4$ million of which had been in that position for less than six months. In accordance with its policy described in Note 2 , the Company concluded that an adjustment for other-than-temporary impairments for these equity securities was not warranted at either December 31, 2013 and 2012.

## Securities Pledged, Restricted Assets and Special Deposits

The Company pledges as collateral investment securities it owns to unaffiliated parties through certain transactions, including securities lending, securities sold under agreements to repurchase, collateralized borrowings and postings of collateral with derivative counterparties. At December 31, 2013, the carrying value of investments pledged to third parties as reported in the Consolidated Statements of Financial Position included the following:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Fixed maturities | \$14,648 | \$12,134 |
| Trading account assets supporting insurance liabilities | 606 | 542 |
| Other trading account assets | 105 | 38 |
| Separate account assets | 3,488 | 3,435 |
| Equity securities | 174 | 70 |
| Total securities pledged | \$19,021 | \$16,219 |

As of December 31, 2013, the carrying amount of the associated liabilities supported by the pledged collateral was $\$ 16,822$ million. Of this amount, $\$ 7,898$ million was "Securities sold under agreements to repurchase," $\$ 3,603$ million was "Separate account liabilities," $\$ 5,040$ million was "Cash collateral for loaned securities," and $\$ 281$ million was "Long-term debt." As of December 31, 2012, the carrying amount of the associated liabilities supported by the pledged collateral was $\$ 15,621$ million. Of this amount, $\$ 5,818$ million was "Securities sold under agreements to repurchase," $\$ 3,535$ million was "Separate account liabilities," $\$ 3,941$ million was "Cash collateral for loaned securities," $\$ 280$ million was "Long-term debt," $\$ 100$ million was "Short-term debt," and $\$ 1,947$ million was "Policyholders' account balances."

In the normal course of its business activities, the Company accepts collateral that can be sold or repledged. The primary sources of this collateral are securities in customer accounts and securities purchased under agreements to resell. The fair value of this collateral was approximately $\$ 193$ million and $\$ 2,996$ million at December 31, 2013 and 2012, respectively, all of which, for both periods, had either been sold or repledged.

Assets of $\$ 211$ million and $\$ 80$ million at December 31, 2013 and 2012, respectively, were on deposit with governmental authorities or trustees, including certain restricted cash balances and securities. Additionally, assets carried at $\$ 594$ million and $\$ 594$ million at December 31, 2013 and 2012, were held in voluntary trusts established primarily to fund guaranteed dividends to certain policyholders and to fund certain employee benefits. Securities restricted as to sale amounted to $\$ 186$ million and $\$ 183$ million at December 31, 2013 and 2012, respectively. These amounts include member and activity-based stock associated with memberships in the Federal Home Loan Banks of New York and Boston. Restricted cash and securities of $\$ 162$ million and $\$ 67$ million at December 31, 2013 and 2012, respectively, were included in "Other assets."

## 5. VARIABLE INTEREST ENTITIES

In the normal course of its activities, the Company enters into relationships with various special purpose entities and other entities that are deemed to be variable interest entities ("VIEs"). A VIE is an entity that either (1) has equity investors that lack certain essential characteristics of a controlling financial interest (including the ability to control activities of the entity, the obligation to absorb the entity's expected losses and the right to receive the entity's expected residual returns) or (2) lacks sufficient equity to finance its own activities without financial support provided by other entities, which in turn would be expected to absorb at least some of the expected losses of the VIE.

If the Company determines that it is the VIE's "primary beneficiary" it consolidates the VIE. There are currently two models for determining whether or not the Company is the "primary beneficiary" of a VIE. The first relates to those VIEs that have the characteristics of an investment company and for which certain other conditions are true. These conditions are that (1) the Company does not have the implicit or explicit obligation to fund losses of the VIE and (2) the VIE is not a securitization entity, asset-backed financing entity or an entity that was formerly considered a qualified special-purpose entity. In this model the Company is the primary beneficiary if it stands to absorb a majority of the VIE's expected losses or to receive a majority of the VIE's expected residual returns.

For all other VIEs, the Company is the primary beneficiary if the Company has (1) the power to direct the activities of the VIE that most significantly impact the economic performance of the entity and (2) the obligation to absorb losses of the entity that could be potentially significant to the VIE or the right to receive benefits from the entity that could be potentially significant.

## Consolidated Variable Interest Entities

The Company is the investment manager of certain asset-backed investment vehicles (commonly referred to as collateralized debt obligations, or "CDOs") and certain other vehicles for which the Company earns fee income for investment management services,

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 5. VARIABLE INTEREST ENTITIES (continued)

including certain investment structures in which the Company's asset management business invests with other co-investors in investment funds referred to as feeder funds. The Company sells or syndicates investments through these vehicles, principally as part of the strategic investing activity of the Company's asset management businesses. Additionally, the Company may invest in securities issued by these vehicles. CDOs raise capital by issuing debt securities, and use the proceeds to purchase investments, typically interest-bearing financial instruments. The Company has analyzed these relationships and determined that for certain CDO's and other investment structures it is the primary beneficiary and consolidates these entities. This analysis includes a review of (1) the Company's rights and responsibilities as investment manager, (2) fees received by the Company and (3) other interests (if any) held by the Company. The assets of these VIEs are restricted and must be used first to settle liabilities of the VIE. Additionally, the Company is not required to provide, and has not provided, material financial or other support to any of these VIEs.

Additionally, the Company is the primary beneficiary of certain VIEs in which the Company has invested, as part of its investment activities, but for which it is not the investment manager. These include structured investments issued by a VIE that manages yen-denominated investments coupled with cross-currency coupon swap agreements thereby creating synthetic dual currency investments. The Company's involvement in the structuring of these investments combined with its economic interest indicates that the Company is the primary beneficiary. The Company has not provided material financial support or other support that was not contractually required to these VIEs.

The table below reflects the carrying amount and balance sheet caption in which the assets and liabilities of consolidated VIEs are reported. The liabilities primarily comprise obligations under debt instruments issued by the VIEs that are non-recourse to the Company. The creditors of these VIE do not have recourse to the Company in excess of the assets contained within the VIE.

|  | Consoli Which th Invest | IE's for any is the anager | Other Con | ted VIE's |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 31, | Dec |  |
|  | 2013 | 2012 | 2013 | 2012 |
|  |  | (in | ions) |  |
| Fixed maturities, available-for-sale | \$ 68 | \$ 87 | \$ 108 | \$ 115 |
| Fixed maturities, held-to-maturity | 0 | 0 | 871 | 1,059 |
| Trading account assets supporting insurance liabilities | 0 | 0 | 11 | 8 |
| Other trading account assets | 3,832 | 1,409 | 0 | 0 |
| Commercial mortgage and other loans | 23 | 127 | 300 | 0 |
| Other long-term investments | 0 | 22 | 87 | 53 |
| Cash and cash equivalents . | 566 | 9 | (3) | 0 |
| Accrued investment income | 19 | 0 | 4 | 3 |
| Other assets | 132 | 1 | 0 | 0 |
| Total assets of consolidated VIEs | \$4,640 | \$1,655 | \$1,378 | \$1,238 |
| Notes issued by consolidated VIEs | \$3,302 | 1,577 | 0 | 0 |
| Other liabilities | 631 | 0 | 1 | 1 |
| Total liabilities of consolidated VIEs | \$3,933 | \$1,577 | \$ 1 | \$ 1 |

As included in the table above, notes issued by consolidated VIEs are classified in the line item on the Consolidated Statements of Financial Position titled, "Notes issued by consolidated VIEs." Recourse is limited to the assets of the respective VIE and does not extend to the general credit of Prudential Financial. As of December 31, 2013, the maturities of these obligations were over five years.

In addition, not reflected in the table above, the Company has created a trust that is a VIE, to facilitate Prudential Insurance's Funding Agreement Notes Issuance Program ("FANIP"). The trust issues medium-term notes secured by funding agreements issued to the trust by Prudential Insurance with the proceeds of such notes. The trust is the beneficiary of an indemnity agreement with the Company that provides that the Company is responsible for costs related to the notes issued with limited exception. As a result, the Company has determined that it is the primary beneficiary of the trust, which is therefore consolidated.

The funding agreements represent an intercompany transaction that is eliminated upon consolidation. However, in recognition of the security interest in such funding agreements, the trust's medium-term note liability of $\$ 2,381$ million and $\$ 1,780$ million at December 31, 2013 and 2012, respectively, is classified within "Policyholders' account balances." Creditors of the trust have recourse to Prudential Insurance if the trust fails to make contractual payments on the medium-term notes. The Company has not provided material financial or other support to the trust that was not contractually required.

## Unconsolidated Variable Interest Entities

The Company has determined that it is not the primary beneficiary of certain VIEs for which it is the investment manager, including certain CDOs and other investment structures, as it does not have both (1) the power to direct the activities of the VIE that most significantly impact the economic performance of the entity and (2) the obligation to absorb losses of the entity that could be potentially significant to the VIE or the right to receive benefits from the entity that could be potentially significant. The Company's maximum

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 5. VARIABLE INTEREST ENTITIES (continued)

exposure to loss resulting from its relationship with unconsolidated VIEs for which it is the investment manager is limited to its investment in the VIEs, which was $\$ 489$ million and $\$ 602$ million at December 31, 2013 and 2012, respectively. These investments are reflected in "Fixed maturities, available-for-sale," "Other trading account assets, at fair value" and "Other long-term investments." The fair value of assets held within these unconsolidated VIEs was $\$ 9,426$ million and $\$ 9,240$ million as of December 31, 2013 and 2012, respectively. The Company provided a guarantee to an unconsolidated VIE under which it was exposed to potential losses in the amount of $\$ 64$ as of December 31, 2012. As of July 10, 2013, the Company is no longer providing this guarantee. There are no liabilities associated with these unconsolidated VIEs on the Company's balance sheet.

In the normal course of its activities, the Company will invest in joint ventures and limited partnerships. These ventures include hedge funds, private equity funds and real estate-related funds and may or may not be VIEs. The Company's maximum exposure to loss on these investments, both VIEs and non-VIEs, is limited to the amount of its investment. The Company has determined that it is not required to consolidate these entities because either (1) it does not control them or (2) it does not have the obligation to absorb losses of the entities that could be potentially significant to the entities or the right to receive benefits from the entities that could be potentially significant. The Company classifies these investments as "Other long-term investments" and its maximum exposure to loss associated with these entities was $\$ 7,244$ million and $\$ 6,873$ million as of December 31, 2013 and 2012, respectively.

In addition, in the normal course of its activities, the Company will invest in structured investments including VIEs for which it is not the investment manager. These structured investments typically invest in fixed income investments and are managed by third parties and include asset-backed securities, commercial mortgage-backed securities and residential mortgage-backed securities. The Company's maximum exposure to loss on these structured investments, both VIEs and non-VIEs, is limited to the amount of its investment. See Note 4 for details regarding the carrying amounts and classification of these assets. The Company has not provided material financial or other support that was not contractually required to these structures. The Company has determined that it is not the primary beneficiary of these structures due to the fact that it does not control these entities.

During the fourth quarter of 2013, the Company sold its investments in certain structured investments consisting of asset-backed securities issued by VIEs that manage investments in the European market. The Company recognized a $\$ 34$ million gain on the sale, and is no longer exposed to losses related to these investments. Prior to the fourth quarter of 2013, the Company had a variable interest in these VIEs, which represented less than $50 \%$ of the only class of variable interests issued by the VIEs. As of December 31, 2012, the market value of these VIEs was approximately $\$ 2.1$ billion, and the Company's maximum exposure to loss from these interests was $\$ 314$ million.

## 6. DEFERRED POLICY ACQUISITION COSTS

The balances of and changes in deferred policy acquisition costs as of and for the years ended December 31, are as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Balance, beginning of year | \$14,100 | \$12,517 | \$12,328 |
| Capitalization of commissions, sales and issue expenses | 2,902 | 3,565 | 3,070 |
| Amortization-Impact of assumption and experience unlocking and true-ups | 328 | 328 | (52) |
| Amortization-All other | (568) | $(1,832)$ | $(2,643)$ |
| Change in unrealized investment gains and losses | 492 | (168) | (346) |
| Foreign currency translation and other | (742) | (310) | 160 |
| Balance, end of year | $\underline{\underline{\$ 16,512}}$ | $\underline{\$ 14,100}$ | $\underline{\underline{\$ 12,517}}$ |

## 7. INVESTMENTS IN OPERATING JOINT VENTURES

The Company has made investments in certain joint ventures that are strategic in nature and made other than for the sole purpose of generating investment income. These investments are accounted for under the equity method of accounting and are included in "Other assets" in the Company's Consolidated Statements of Financial Position. The earnings from these investments are included on an after-tax basis in "Equity in earnings of operating joint ventures, net of taxes" in the Company's Consolidated Statements of Operations. The summarized financial information for the Company's operating joint ventures has been included in the summarized combined financial information for all significant equity method investments shown in Note 4.

The following table sets forth information related to the Company's investments in operating joint ventures as of and for the years ended December 31:


[^4]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 7. INVESTMENTS IN OPERATING JOINT VENTURES (continued)

The Company has made investments in operating joint ventures as part of its Asset Management and International Insurance segments and its Corporate and Other operations. The Company transacts with certain of these operating joint ventures in the normal course of business, on terms equivalent to those that prevail in arm's length transactions. For the years ended December 31, 2013, 2012 and 2011, the Company recognized $\$ 30$ million, $\$ 22$ million and $\$ 15$ million, respectively, of asset management fee income from these transactions.

The Company holds a $26 \%$ investment in a life insurance joint venture in India. On December 18, 2013, the Company formed a new joint venture by entering into an agreement that effectively replaced our previous joint venture partner with Dewan Housing Finance Corporation, Ltd ("DHFL"). In accordance with the terms of the new agreement, both DHFL and the Company contributed additional assets into the joint venture.

On October 20, 2011, the Company entered into an agreement to sell its stake in Afore XXI, S.A. de C.V., a private pension fund manager in Mexico, to Banorte, a major bank based in Mexico. The transaction was completed on December 2, 2011 and resulted in a pretax gain of $\$ 96$ million to the Asset Management segment. This gain is reflected in "Asset management fees and other income" of the Company's Consolidated Statements of Operations.

## 8. VALUE OF BUSINESS ACQUIRED

The balances of and changes in VOBA as of and for the years ended December 31, are as follows:

|  | 2013(1) | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Balance, beginning of year | \$3,248 | \$3,845 | \$ 484 |
| Acquisitions | 1,370 | 0 | 3,769 |
| Amortization-Impact of assumption and experience unlocking and true-ups | 59 | (31) | (23) |
| Amortization-All other | (509) | (520) | (555) |
| Change in unrealized investment gains and losses | (55) | 90 | (74) |
| Interest(2) | 105 | 62 | 65 |
| Foreign currency translation | (543) | (198) | 179 |
| Balance, end of year . | \$3,675 | \$3,248 | \$3,845 |

(1) The VOBA balances at December 31, 2013 were $\$ 224$ million, $\$ 44$ million, $\$ 2,036$ million, $\$ 0$ million, and $\$ 1,373$ million related to the insurance transactions associated with the CIGNA, Prudential Annuities Holding Co., Gibraltar Life Insurance Company, LTD ("Gibraltar Life", representing the balances associated with the Edison Inc. and Star Inc. acquisitions), Aoba Life and The Hartford, respectively. The weighted average remaining expected life of VOBA varies by product. The weighted average remaining expected lives were approximately $13,5,8,6$, and 10 years for the VOBA related to CIGNA, Prudential Annuities Holding Co., Gibraltar Life., Aoba Life, and The Hartford, respectively.
(2) The interest accrual rates vary by product. The interest rates for 2013 were $6.40 \%, 6.14 \%, 1.28 \%$ to $2.87 \%, 2.60 \%$, and $3.00 \%$ to $6.17 \%$ for the VOBA related to CIGNA, Prudential Annuities Holding Co., Gibraltar Life, Aoba Life, and The Hartford, respectively. The interest rates for 2012 were $6.40 \%$, $6.18 \%, 1.28 \%$ to $2.87 \%$, and $2.60 \%$ for the VOBA related to CIGNA, Prudential Annuities Holding Co., Gibraltar Life, and Aoba Life, respectively. The interest rates for 2011 were $7.10 \%, 4.81 \%, 1.28 \%$ to $2.87 \%, 1.28 \%$ to $2.87 \%$, and $2.60 \%$ for the VOBA related to CIGNA, Prudential Annuities Holding Co., Edison Inc, Star Inc., and Aoba Life, respectively.

The following table provides estimated future amortization, net of interest, for the periods indicated.

|  | 2014 | 2015 | 20 | 2017 | 2018 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | milio |  |  |
| Estimated future VOBA amortization | \$373 | \$329 | \$296 | \$269 | \$247 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 9. GOODWILL AND OTHER INTANGIBLES

The changes in the book value of goodwill by area are as follows:

|  | Asset Management | Retirement | International Insurance | Total |
| :---: | :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |  |
| Balance at December 31, 2010: |  |  |  |  |
| Gross Goodwill | \$239 | \$444 | \$ 24 | \$707 |
| Accumulated Impairment Losses | 0 | 0 | 0 | 0 |
| Net Goodwill | 239 | 444 | 24 | 707 |
| 2011 Activity: |  |  |  |  |
| Acquisitions | 0 | 0 | 184 | 184 |
| Other(1) | (1) | 0 | (2) | (3) |
| Balance at December 31, 2011: |  |  |  |  |
| Gross Goodwill | 238 | 444 | 206 | 888 |
| Accumulated Impairment Losses | 0 | 0 | 0 | 0 |
| Net Goodwill | 238 | 444 | 206 | 888 |
| 2012 Activity: |  |  |  |  |
| Other(1) | 0 | 0 | (15) | (15) |
| Balance at December 31, 2012: |  |  |  |  |
| Gross Goodwill | 238 | 444 | 191 | 873 |
| Accumulated Impairment Losses | 0 | 0 | 0 | 0 |
| Net Goodwill | 238 | 444 | 191 | 873 |
| 2013 Activity: |  |  |  |  |
| Other(1) | 2 | 0 | (36) | (34) |
| Balance at December 31, 2013 : |  |  |  |  |
| Gross Goodwill | 240 | 444 | 155 | 839 |
| Accumulated Impairment Losses | 0 | 0 | 0 | 0 |
| Net Goodwill | \$240 | \$444 | \$155 | \$839 |

(1) Other represents foreign currency translation and purchase price adjustments.

The Company tests goodwill for impairment annually as of December 31 and more frequently if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying amount, as discussed in further detail in Note 2.

The Company performed goodwill impairment testing for all reporting units that had goodwill at December 31, 2013 and 2012, and no impairments were recorded.

## Other Intangibles

Other intangible balances at December 31, are as follows:

|  | 2013 |  |  | 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross Carrying Amount | Accumulated Amortization | Net Carrying Amount | Gross Carrying Amount | Accumulated Amortization | Net Carrying Amount |
|  | (in millions) |  |  |  |  |  |
| Subject to amortization: |  |  |  |  |  |  |
| Mortgage servicing rights | \$ 420 | \$(231) | \$189 | \$ 358 | \$(192) | \$166 |
| Customer relationships | 285 | (188) | 97 | 287 | (173) | 114 |
| Other | 43 | (29) | 14 | 51 | (24) | 27 |
| Not subject to amortization | N/A | N/A | 3 | N/A | N/A | 4 |
| Total |  |  | \$303 |  |  | \$311 |

The fair values of net mortgage servicing rights were $\$ 200$ million and $\$ 170$ million at December 31, 2013 and 2012, respectively. Amortization expense for other intangibles was $\$ 61$ million, $\$ 56$ million and $\$ 50$ million for the years ending December 31, 2013, 2012 and 2011, respectively. Amortization expense for other intangibles is expected to be approximately $\$ 48$ million in 2014, $\$ 45$ million in 2015, $\$ 38$ million in 2016, $\$ 31$ million in 2017 and $\$ 26$ million in 2018. The amortization expense amounts listed above for 2013, 2012 and 2011 do not include impairments recorded for mortgage servicing rights or other intangibles. See the non-recurring fair value measurements section of Note 20 for more information regarding these impairments.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 10. POLICYHOLDERS' LIABILITIES

## Future Policy Benefits

Future policy benefits at December 31, are as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Life insurance(1) | \$142,952 | \$146,378 |
| Individual and group annuities and supplementary contracts(1) | 55,445 | 58,477 |
| Other contract liabilities(1) | 5,490 | 8,275 |
| Subtotal future policy benefits excluding unpaid claims and claim adjustment expenses | 203,887 | 213,130 |
| Unpaid claims and claim adjustment expenses | 2,972 | 2,920 |
| Total future policy benefits | \$206,859 | \$216,050 |

(1) Prior period amounts have been reclassified to conform to current period presentation.

Life insurance liabilities include reserves for death and endowment policy benefits, terminal dividends and certain health benefits. Individual and group annuities and supplementary contracts liabilities include reserves for life contingent immediate annuities and life contingent group annuities. Other contract liabilities include unearned revenue and certain other reserves for group, annuities and individual life and health products.

Future policy benefits for individual participating traditional life insurance are based on the net level premium method, calculated using the guaranteed mortality and nonforfeiture interest rates which range from $2.5 \%$ to $7.5 \%$. Participating insurance represented $5 \%$ of direct individual life insurance in force at both December 31, 2013 and 2012, and $14 \%, 11 \%$ and $17 \%$ of direct individual life insurance premiums for 2013, 2012 and 2011, respectively.

Future policy benefits for individual non-participating traditional life insurance policies, group and individual long-term care policies and individual health insurance policies are generally equal to the aggregate of (1) the present value of future benefit payments and related expenses, less the present value of future net premiums, and (2) any premium deficiency reserves. Assumptions as to mortality, morbidity and persistency are based on the Company's experience, industry data, and/or other factors, when the basis of the reserve is established. Interest rates used in the determination of the present values range from $1.0 \%$ to $14.0 \%$; less than $1 \%$ of the reserves are based on an interest rate in excess of $8 \%$.

Future policy benefits for individual and group annuities and supplementary contracts are generally equal to the aggregate of (1) the present value of expected future payments, and (2) any premium deficiency reserves. Assumptions as to mortality are based on the Company's experience, industry data, and/or other factors, when the basis of the reserve is established. The interest rates used in the determination of the present values range from $0.5 \%$ to $11.3 \%$; less than $1 \%$ of the reserves are based on an interest rate in excess of $8 \%$.

Future policy benefits for other contract liabilities are generally equal to the present value of expected future payments based on the Company's experience, except for example, certain group insurance coverages for which future policy benefits are equal to gross unearned premium reserves. The interest rates used in the determination of the present values range from $0.1 \%$ to $6.5 \%$.

The Company's liability for future policy benefits is also inclusive of liabilities for guaranteed benefits related to certain nontraditional long-duration life and annuity contracts. Liabilities for guaranteed benefits with embedded derivative features are primarily in other contract liabilities. The remaining liabilities for guaranteed benefits are primarily reflected with the underlying contract. See Note 11 for additional information regarding liabilities for guaranteed benefits related to certain nontraditional long-duration life and annuity contracts.

Premium deficiency reserves included in "Future policy benefits" are established, if necessary, when the liability for future policy benefits plus the present value of expected future gross premiums are determined to be insufficient to provide for expected future policy benefits and expenses. Premium deficiency reserves have been recorded for the group single premium annuity business, which consists of limited-payment, long duration traditional, non-participating annuities; structured settlements; single premium immediate annuities with life contingencies; long term care, and for certain individual health policies.

Unpaid claims and claim adjustment expenses primarily reflect the Company's estimate of future disability claim payments and expenses as well as estimates of claims incurred but not yet reported as of the balance sheet dates related to group disability products. Unpaid claim liabilities that are discounted use interest rates ranging from $3.0 \%$ to $6.4 \%$.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 10. POLICYHOLDERS' LIABILITIES (continued)

## Policyholders' Account Balances

Policyholders' account balances at December 31, are as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in | lions) |
| Individual annuities | \$ 35,947 | \$ 41,026 |
| Group annuities | 27,294 | 27,782 |
| Guaranteed investment contracts and guaranteed interest accounts | 14,898 | 16,255 |
| Funding agreements | 4,370 | 3,793 |
| Interest-sensitive life contracts | 32,136 | 23,962 |
| Dividend accumulation and other | 22,012 | 21,595 |
| Total policyholders' account balances | \$136,657 | \$134,413 |

Policyholders' account balances primarily represent an accumulation of account deposits plus credited interest less withdrawals, expense charges and mortality charges, if applicable. These policyholders' account balances also include provisions for benefits under nonlife contingent payout annuities. Included in "Funding agreements" at December 31, 2013 and 2012 are $\$ 2,380$ million and $\$ 1,788$ million, respectively, related to the Company's Funding Agreement Notes Issuance Program ("FANIP"). Under this program, which has a maximum authorized amount of $\$ 15$ billion, a Delaware statutory trust issues medium-term notes to investors that are secured by funding agreements issued to the trust by Prudential Insurance. The outstanding notes have fixed or floating interest rates that range from $0.5 \%$ to $5.5 \%$ and original maturities ranging from two to ten years. Included in the amounts at December 31, 2013 and 2012 is the medium-term note liability, which is carried at amortized cost, of $\$ 2,381$ million and $\$ 1,780$ million, respectively, as well as the fair value of qualifying derivative financial instruments associated with these notes of (\$1) million and $\$ 8$ million, respectively. For additional details on the FANIP program, see Note 5.

Also included in "Funding agreements" are collateralized funding agreements issued to the Federal Home Loan Bank of New York ("FHLBNY") of $\$ 1,947$ million, as of both December 31, 2013 and 2012. These obligations, which are carried at amortized cost, have fixed or floating interest rates that range from $0.7 \%$ to $3.5 \%$ and original maturities ranging from three to eight years. For additional details on the FHLBNY program, see Note 14. Included in interest-sensitive life contracts at December 31, 2013 are $\$ 8$ billion related to the Company assuming universal life contracts acquired from The Hartford's individual life insurance business on January 2, 2013. Interest crediting rates range from $0 \%$ to $23.0 \%$ for interest-sensitive life contracts and from $0 \%$ to $13.4 \%$ for contracts other than interest-sensitive life. Less than $1 \%$ of policyholders' account balances have interest crediting rates in excess of $8 \%$.

## 11. CERTAIN NONTRADITIONAL LONG-DURATION CONTRACTS

The Company issues traditional variable annuity contracts through its separate accounts for which investment income and investment gains and losses accrue directly to, and investment risk is borne by, the contractholder. The Company also issues variable annuity contracts with general and separate account options where the Company contractually guarantees to the contractholder a return of no less than total deposits made to the contract less any partial withdrawals ("return of net deposits"). In certain of these variable annuity contracts, the Company also contractually guarantees to the contractholder a return of no less than (1) total deposits made to the contract less any partial withdrawals plus a minimum return ("minimum return"), and/or (2) the highest contract value on a specified date minus any withdrawals ("contract value"). These guarantees include benefits that are payable in the event of death, annuitization or at specified dates during the accumulation period and withdrawal and income benefits payable during specified periods. The Company also issues annuity contracts with market value adjusted investment options ("MVAs"), which provide for a return of principal plus a fixed rate of return if held-to-maturity, or, alternatively, a "market adjusted value" if surrendered prior to maturity or if funds are reallocated to other investment options. The market value adjustment may result in a gain or loss to the Company, depending on crediting rates or an indexed rate at surrender, as applicable. The Company also issues fixed deferred annuity contracts without MVA that have a guaranteed credited rate and annuity benefit.

In addition, the Company issues certain variable life, variable universal life and universal life contracts where the Company contractually guarantees to the contractholder a death benefit even when there is insufficient value to cover monthly mortality and expense charges, whereas otherwise the contract would typically lapse ("no lapse guarantee"). Variable life and variable universal life contracts are offered with general and separate account options.

The assets supporting the variable portion of both traditional variable annuities and certain variable contracts with guarantees are carried at fair value and reported as "Separate account assets" with an equivalent amount reported as "Separate account liabilities." Amounts assessed against the contractholders for mortality, administration, and other services are included within revenue in "Policy charges and fee income" and changes in liabilities for minimum guarantees are generally included in "Policyholders' benefits."

For those guarantees of benefits that are payable in the event of death, the net amount at risk is generally defined as the current guaranteed minimum death benefit in excess of the current account balance at the balance sheet date. The Company's primary risk exposures for these contracts relates to actual deviations from, or changes to, the assumptions used in the original pricing of these products, including fixed income and equity market returns, contract lapses and contractholder mortality.

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 11. CERTAIN NONTRADITIONAL LONG-DURATION CONTRACTS (continued)

For guarantees of benefits that are payable at annuitization, the net amount at risk is generally defined as the present value of the minimum guaranteed annuity payments available to the contractholder determined in accordance with the terms of the contract in excess of the current account balance. The Company's primary risk exposures for these contracts relates to actual deviations from, or changes to, the assumptions used in the original pricing of these products, including fixed income and equity market returns, timing of annuitization, contract lapses and contractholder mortality.

For guarantees of benefits that are payable at withdrawal, the net amount at risk is generally defined as the present value of the minimum guaranteed withdrawal payments available to the contractholder determined in accordance with the terms of the contract in excess of the current account balance. For guarantees of accumulation balances, the net amount at risk is generally defined as the guaranteed minimum accumulation balance minus the current account balance. The Company's primary risk exposures for these contracts relates to actual deviations from, or changes to, the assumptions used in the original pricing of these products, including equity market returns, interest rates, market volatility or contractholder behavior used in the original pricing of these products.

The Company's contracts with guarantees may offer more than one type of guarantee in each contract; therefore, the amounts listed may not be mutually exclusive. The liabilities related to the net amount at risk are reflected within "Future policy benefits." As of December 31, 2013 and 2012, the Company had the following guarantees associated with these contracts, by product and guarantee type:

|  | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | In the Event of Death | At Annuitization/ Accumulation(1) | In the Event of Death | At Annuitization/ Accumulation(1) |
|  | (\$ in millions) |  |  |  |
| Annuity Contracts |  |  |  |  |
| Return of net deposits |  |  |  |  |
| Account value | \$113,527 | 181 | \$ 98,207 | \$ 196 |
| Net amount at risk | \$ 465 | \$ 0 | \$ 829 | 33 |
| Average attained age of contractholders . . | 63 years | 62 years | 62 years | 62 years |
| Minimum return or contract value |  |  |  |  |
| Account value | \$ 37,801 | \$ 127,530 | \$ 34,299 | \$ 109,845 |
| Net amount at risk | \$ 2,817 | \$ 2,892 | \$ 4,209 | \$ 5,072 |
| Average attained age of contractholders . | 66 years | 63 years | 65 years | 62 years |
| Average period remaining until earliest expected annuitization | N/A | 0.33 year | N/A | 0.50 year |

(1) Includes income and withdrawal benefits as described herein.

| December 31, |
| :---: |
| $\frac{2013}{\text { In the Event of Death }}$ |

(\$ in millions)

## Variable Life, Variable Universal Life and Universal Life Contracts

No lapse guarantees


Account balances of variable annuity contracts with guarantees were invested in separate account investment options as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in | ions) |
| Equity funds | \$ 90,199 | \$ 73,813 |
| Bond funds | 46,235 | 40,815 |
| Balanced funds | 652 | 524 |
| Money market funds | 6,528 | 7,763 |
| Total | \$143,614 | \$122,915 |

In addition to the amounts invested in separate account investment options above, $\$ 7,714$ million at December 31, 2013, and $\$ 9,590$ million at December 31, 2012, of account balances of variable annuity contracts with guarantees, inclusive of contracts with MVA features, were invested in general account investment options. For the years ended December 31, 2013, 2012 and 2011, there were no transfers of assets, other than cash, from the general account to any separate account, and accordingly no gains or losses recorded.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 11. CERTAIN NONTRADITIONAL LONG-DURATION CONTRACTS (continued)

## Liabilities For Guarantee Benefits

The table below summarizes the changes in general account liabilities for guarantees. The liabilities for guaranteed minimum death benefits ("GMDB"), and guaranteed minimum income benefits ("GMIB") are included in "Future policy benefits" and the related changes in the liabilities are included in "Policyholders' benefits." Guaranteed minimum accumulation benefits ("GMAB"), guaranteed minimum withdrawal benefits ("GMWB"), and guaranteed minimum income and withdrawal benefits ("GMIWB") features are considered to be bifurcated embedded derivatives and are recorded at fair value within "Future policy benefits". Changes in the fair value of these derivatives, including changes in the Company's own risk of non-performance, along with any fees attributed or payments made relating to the derivative, are recorded in "Realized investment gains (losses), net." See Note 20 for additional information regarding the methodology used in determining the fair value of these embedded derivatives. The Company maintains a portfolio of derivative investments that serve as a partial hedge of the risks associated with these products, for which the changes in fair value are also recorded in "Realized investment gains (losses), net." This portfolio of derivative investments does not qualify for hedge accounting treatment under U.S. GAAP.

|  | GMDB |  | GMIB | GMAB/ <br> GMWB/ <br> GMIWB |
| :---: | :---: | :---: | :---: | :---: |
|  | Variable Life, Variable Universal Life and Universal Life | Annuity | Annuity | Annuity |
|  | (in millions) |  |  |  |
| Balance at December 31, 2010 | \$ 202 | \$ 188 | \$114 | \$ (204) |
| Incurred guarantee benefits-Impact of assumption and experience unlocking and true-ups(1) | 8 | 94 | 5 | 0 |
| Incurred guarantee benefits-All other(1) | 71 | 147 | 26 | 3,061 |
| Paid guarantee benefits and other | (2) | (113) | (42) | 0 |
| Other(2) | 9 | 3 | 302 | 29 |
| Balance at December 31, 2011 | 288 | 319 | 405 | 2,886 |
| Incurred guarantee benefits-Impact of assumption and experience unlocking and true-ups(1) | 18 | 73 | 48 | 0 |
| Incurred guarantee benefits-All other(1) | 85 | 199 | 54 | 463 |
| Paid guarantee benefits and other | (14) | (104) | (32) | 0 |
| Other | (6) | 1 | (16) | (1) |
| Balance at December 31, 2012 | 371 | 488 | 459 | 3,348 |
| Incurred guarantee benefits-Impact of assumption and experience unlocking and true-ups(1) | (26) | (140) | (27) | 0 |
| Incurred guarantee benefits-All other(1) | 123 | 175 | 37 | $(2,904)$ |
| Paid guarantee benefits | (4) | (75) | (23) | 0 |
| Other(3) | 1,331 | 13 | (49) | (3) |
| Balance at December 31, 2013 | \$1,795 | \$ 461 | \$397 | \$ 441 |

(1) Incurred guarantee benefits include the portion of assessments established as additions to reserves as well as changes in estimates affecting the reserves. Also includes changes in the fair value of features considered to be derivatives.
(2) Primarily represents amounts acquired from Star and Edison.
(3) GMDB primarily includes amounts acquired from The Hartford on January 2, 2013.

The GMDB liability is determined each period end by estimating the accumulated value of a portion of the total assessments to date less the accumulated value of the guaranteed death benefits in excess of the account balance. The GMIB liability associated with variable annuities is determined each period by estimating the accumulated value of a portion of the total assessments to date less the accumulated value of the projected income benefits in excess of the account balance. The portion of assessments used is chosen such that, at issue the present value of expected death benefits or expected income benefits in excess of the projected account balance and the portion of the present value of total expected assessments over the lifetime of the contracts are equal. The GMIB liability associated with fixed annuities is determined each period by estimating the present value of projected income benefits in excess of the account balance. The Company regularly evaluates the estimates used and adjusts the GMDB and GMIB liability balances, with an associated charge or credit to earnings, if actual experience or other evidence suggests that earlier estimates should be revised.

The GMAB features provide the contractholder with a guaranteed return of initial account value or an enhanced value if applicable. The most significant of the Company's GMAB features are the guaranteed return option ("GRO") features, which includes an automatic rebalancing element that reduces the Company's exposure to these guarantees. The GMAB liability is calculated as the present value of future expected payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature.

The GMWB features provide the contractholder with access to a guaranteed remaining balance if the account value is reduced to zero through a combination of market declines and withdrawals. The guaranteed remaining balance is generally equal to the protected value under the contract, which is initially established as the greater of the account value or cumulative deposits when withdrawals commence, less cumulative withdrawals. The contractholder also has the option, after a specified time period, to reset the guaranteed remaining balance

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 11. CERTAIN NONTRADITIONAL LONG-DURATION CONTRACTS (continued)

to the then-current account value, if greater. The contractholder accesses the guaranteed remaining balance through payments over time, subject to maximum annual limits. The GMWB liability is calculated as the present value of future expected payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature.

The GMIWB features, taken collectively, provide a contractholder two optional methods to receive guaranteed minimum payments over time, a "withdrawal" option or an "income" option. The withdrawal option (which was available under only one of the GMIWBs the Company no longer offers) guarantees that a contractholder can withdraw an amount each year until the cumulative withdrawals reach a total guaranteed balance. The income option (which varies among the Company's GMIWBs) in general guarantees the contractholder the ability to withdraw an amount each year for life (or for joint lives, in the case of any spousal version of the benefit) where such amount is equal to a percentage of a protected value under the benefit. The contractholder also has the potential to increase this annual amount, based on certain subsequent increases in account value that may occur. The GMIWB can be elected by the contractholder upon issuance of an appropriate deferred variable annuity contract or at any time following contract issue prior to annuitization. Certain GMIWB features include an automatic rebalancing element that reduces the Company's exposure to these guarantees. The GMIWB liability is calculated as the present value of future expected payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature.

## Sales Inducements

The Company defers sales inducements and amortizes them over the anticipated life of the policy using the same methodology and assumptions used to amortize deferred policy acquisition costs. These deferred sales inducements are included in "Other assets." The Company offers various types of sales inducements including: (1) a bonus whereby the policyholder's initial account balance is increased by an amount equal to a specified percentage of the customer's initial deposit; (2) additional credits after a certain number of years a contract is held; and (3) enhanced interest crediting rates that are higher than the normal general account interest rate credited in certain product lines. Changes in deferred sales inducements, reported as "Interest credited to policyholders' account balances," are as follows:

|  | Sales <br> Inducements |
| :---: | :---: |
|  | (in millions) |
| Balance at December 31, 2010 | \$1,348 |
| Capitalization | 359 |
| Amortization-Impact of assumption and experience unlocking and true-ups | (81) |
| Amortization-All other | (645) |
| Change in unrealized investment gains and losses | 20 |
| Balance at December 31, 2011 | 1,001 |
| Capitalization | 259 |
| Amortization-Impact of assumption and experience unlocking and true-ups | 189 |
| Amortization-All other | (109) |
| Change in unrealized investment gains and losses | 17 |
| Balance at December 31, 2012 | 1,357 |
| Capitalization | 53 |
| Amortization-Impact of assumption and experience unlocking and true-ups | 27 |
| Amortization-All other | 340 |
| Change in unrealized investment gains and losses and other | 36 |
| Balance at December 31, 2013 | \$1,813 |

## 12. CLOSED BLOCK

On the date of demutualization, Prudential Insurance established a Closed Block for certain individual life insurance policies and annuities issued by Prudential Insurance in the U.S. The recorded assets and liabilities were allocated to the Closed Block at their historical carrying amounts. The Closed Block forms the principal component of the Closed Block Business. See Note 22 for financial information on the Closed Block Business, which includes Surplus and Related Assets, the IHC debt, as discussed in Note 14, and other related liabilities.

The policies included in the Closed Block are specified individual life insurance policies and individual annuity contracts that were in force on the effective date of the Plan of Reorganization and for which Prudential Insurance is currently paying or expects to pay experience-based policy dividends. Assets have been allocated to the Closed Block in an amount that has been determined to produce cash flows which, together with revenues from policies included in the Closed Block, are expected to be sufficient to support obligations and liabilities relating to these policies, including provision for payment of benefits, certain expenses, and taxes and to provide for continuation of the policyholder dividend scales in effect in 2000, assuming experience underlying such scales continues. To the extent that, over time, cash flows from the assets allocated to the Closed Block and claims and other experience related to the Closed Block are, in the aggregate, more or less favorable than what was assumed when the Closed Block was established, total dividends paid to Closed Block policyholders may be greater than or less than the total dividends that would have been paid to these policyholders if the policyholder dividend scales in effect in 2000 had been continued. Any cash flows in excess of amounts assumed will be available for distribution over time to Closed Block policyholders and will not be available to stockholders. If the Closed Block has insufficient funds to make guaranteed policy benefit payments, such payments will be made from assets outside of the Closed Block. The Closed Block will continue in effect as long as any policy in the Closed Block remains in force unless, with the consent of the New Jersey insurance regulator, it is terminated earlier.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 12. CLOSED BLOCK (continued)

The excess of Closed Block Liabilities over Closed Block Assets at the date of the demutualization (adjusted to eliminate the impact of related amounts in AOCI) represented the estimated maximum future earnings at that date from the Closed Block expected to result from operations attributed to the Closed Block after income taxes. In establishing the Closed Block, the Company developed an actuarial calculation of the timing of such maximum future earnings. If actual cumulative earnings of the Closed Block from inception through the end of any given period are greater than the expected cumulative earnings, only the expected earnings will be recognized in income. Any excess of actual cumulative earnings over expected cumulative earnings will represent undistributed accumulated earnings attributable to policyholders, which are recorded as a policyholder dividend obligation. The policyholder dividend obligation represents amounts to be paid to Closed Block policyholders as an additional policyholder dividend unless otherwise offset by future Closed Block performance that is less favorable than originally expected. If the actual cumulative earnings of the Closed Block from its inception through the end of any given period are less than the expected cumulative earnings of the Closed Block, the Company will recognize only the actual earnings in income. However, the Company may reduce policyholder dividend scales, which would be intended to increase future actual earnings until the actual cumulative earnings equaled the expected cumulative earnings.

As of December 31, 2013 and 2012, the Company recognized a policyholder dividend obligation of $\$ 887$ million and $\$ 885$ million, respectively, to Closed Block policyholders for the excess of actual cumulative earnings over the expected cumulative earnings. Additionally, accumulated net unrealized investment gains that have arisen subsequent to the establishment of the Closed Block have been reflected as a policyholder dividend obligation of $\$ 3,624$ million and $\$ 5,478$ million at December 31, 2013 and 2012, respectively, to be paid to Closed Block policyholders unless offset by future experience, with an offsetting amount reported in AOCI. See the table below for changes in the components of the policyholder dividend obligation for the years ended December 31, 2013 and 2012.

On December 13, 2011 and December 11, 2012, Prudential Insurance's Board of Directors approved a continuation of the Closed Block dividend scales for 2012 and 2013, respectively. On December 5, 2013, Prudential Insurance's Board of Directors acted to increase the 2014 dividends payable on Closed Block policies. This action resulted in an approximately $\$ 33$ million increase in the liability for policyholders dividends recognized for the year ended December 31, 2013.

Closed Block Liabilities and Assets designated to the Closed Block at December 31, as well as maximum future earnings to be recognized from Closed Block Liabilities and Closed Block Assets, are as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Closed Block Liabilities |  |  |
| Future policy benefits | \$50,258 | \$50,839 |
| Policyholders' dividends payable | 907 | 887 |
| Policyholders' dividend obligation | 4,511 | 6,363 |
| Policyholders' account balances | 5,359 | 5,426 |
| Other Closed Block liabilities | 4,281 | 3,366 |
| Total Closed Block Liabilities | 65,316 | 66,881 |
| Closed Block Assets |  |  |
| Fixed maturities, available-for-sale, at fair value | 39,169 | 41,980 |
| Other trading account assets, at fair value | 291 | 224 |
| Equity securities, available-for-sale, at fair value | 3,884 | 3,225 |
| Commercial mortgage and other loans | 8,762 | 8,747 |
| Policy loans | 5,013 | 5,120 |
| Other long-term investments | 2,085 | 2,094 |
| Short-term investments | 1,790 | 1,194 |
| Total investments | 60,994 | 62,584 |
| Cash and cash equivalents | 544 | 511 |
| Accrued investment income | 542 | 550 |
| Other Closed Block assets | 296 | 262 |
| Total Closed Block Assets | 62,376 | 63,907 |
| Excess of reported Closed Block Liabilities over Closed Block Assets | 2,940 | 2,974 |
| Portion of above representing accumulated other comprehensive income: |  |  |
| Net unrealized investment gains (losses) | 3,615 | 5,467 |
| Allocated to policyholder dividend obligation . . . | $(3,624)$ | $(5,478)$ |
| Future earnings to be recognized from Closed Block Assets and Closed Block Liabilities | \$ 2,931 | \$ 2,963 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 12. CLOSED BLOCK (continued)

Information regarding the policyholder dividend obligation is as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Balance, January 1 | \$ 6,363 | \$4,609 |
| Impact from earnings allocable to policyholder dividend obligation | 2 | 123 |
| Change in net unrealized investment gains (losses) allocated to policyholder dividend obligation | $(1,854)$ | 1,631 |
| Balance, December 31 | \$ 4,511 | \$6,363 |

Closed Block revenues and benefits and expenses for the years ended December 31, were as follows:

|  | 2013 | $\text { (in } \frac{2012}{\text { millions) }}$ | 2011 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Revenues |  |  |  |
| Premiums | \$2,728 | \$2,817 | \$2,918 |
| Net investment income | 2,796 | 2,919 | 2,976 |
| Realized investment gains (losses), net | 230 | 243 | 855 |
| Other income | 57 | 31 | 38 |
| Total Closed Block revenues | 5,811 | 6,010 | 6,787 |
| Benefits and Expenses |  |  |  |
| Policyholders' benefits | 3,334 | 3,445 | 3,482 |
| Interest credited to policyholders' account balances | 136 | 137 | 139 |
| Dividends to policyholders | 1,910 | 2,021 | 2,571 |
| General and administrative expenses | 467 | 492 | 519 |
| Total Closed Block benefits and expenses | 5,847 | 6,095 | 6,711 |
| Closed Block revenues, net of Closed Block benefits and expenses, before income taxes and discontinued operations | (36) | (85) | 76 |
| Income tax expense (benefit) | (57) | (103) | 67 |
| Closed Block revenues, net of Closed Block benefits and expenses and income taxes, before discontinued operations | 21 | 18 | 9 |
| Income (loss) from discontinued operations, net of taxes | 0 | (2) | 0 |
| Closed Block revenues, net of Closed Block benefits and expenses, income taxes and discontinued operations | \$ 21 | \$ 16 | \$ 9 |

## 13. REINSURANCE

The Company participates in reinsurance with third parties primarily to provide additional capacity for future growth, to limit the maximum net loss potential arising from large risks and in acquiring or disposing of businesses.

On January 2, 2013, the Company acquired The Hartford's individual life insurance business through a reinsurance transaction. Under the agreement, the Company provided reinsurance for approximately 700,000 life insurance policies with net retained face amount in force of approximately $\$ 141$ billion. The Company acquired the general account business through a coinsurance arrangement and, for certain types of general account policies, a modified coinsurance arrangement. The Company acquired the separate account business through a modified coinsurance arrangement.

Since 2011, the Company has entered into several reinsurance agreements to assume pension liabilities in the United Kingdom. Under these arrangements, the Company assumes the longevity risk associated with the pension benefits of certain named beneficiaries.

In 2006, the Company acquired the variable annuity business of The Allstate Corporation ("Allstate") through a reinsurance transaction. The reinsurance arrangements with Allstate include a coinsurance arrangement associated with the general account liabilities assumed and a modified coinsurance arrangement associated with the separate account liabilities assumed. The reinsurance payable, which represents the Company's obligation under the modified coinsurance arrangement, is netted with the reinsurance receivable in the Company's Consolidated Statement of Financial Position.

In 2004, the Company acquired the retirement business of CIGNA and as a result, entered into various reinsurance arrangements. The Company still has indemnity coinsurance and modified coinsurance without assumption arrangements in effect related to this acquisition.

For the domestic business, life and disability reinsurance is accomplished through various plans of reinsurance, primarily yearly renewable term, per person excess, excess of loss, and coinsurance. The Company currently reinsures $90 \%$ of the mortality risk for most new individual life products. Placement of reinsurance is accomplished primarily on an automatic basis with some specific risks reinsured on a facultative basis. The Company has historically retained up to $\$ 30$ million per life, but has reduced its retention limit to $\$ 20$ million per life in 2013. In addition, the Company has reinsured $73 \%$ of the Closed Block Business with unaffiliated third parties through various modified coinsurance arrangements. The Company accounts for these modified coinsurance arrangements using the deposit method of accounting.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 13. REINSURANCE (continued)

The international business primarily uses reinsurance to obtain experience with respect to certain new product offerings and to a lesser extent, to manage risk and volatility as necessary.

Reinsurance ceded arrangements do not discharge the Company as the primary insurer. Ceded balances would represent a liability of the Company in the event the reinsurers were unable to meet their obligations to the Company under the terms of the reinsurance agreements. Reinsurance premiums, commissions, expense reimbursements, benefits and reserves related to reinsured long-duration contracts under coinsurance arrangements are accounted for over the life of the underlying reinsured contracts using assumptions consistent with those used to account for the underlying contracts. Coinsurance arrangements contrast with the Company's yearly renewable term arrangements, where only mortality risk is transferred to the reinsurer and premiums are paid to the reinsurer to reinsure that risk. The mortality risk that is reinsured under yearly renewable term arrangements represents the difference between the stated death benefits in the underlying reinsured contracts and the corresponding reserves or account value carried by the Company on those same contracts. The premiums paid to the reinsurer are based upon negotiated amounts, not on the actual premiums paid by the underlying contract holders to the Company. As yearly renewable term arrangements are usually entered into by the Company with the expectation that the contracts will be inforce for the lives of the underlying policies, they are considered to be long-duration reinsurance contracts. The cost of reinsurance related to short-duration reinsurance contracts is accounted for over the reinsurance contract period. The tables presented below exclude amounts pertaining to the Company's discontinued operations.

Reinsurance amounts included in the Consolidated Statements of Operations for premiums, policy charges and fees and policyholders' benefits for the years ended December 31, were as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Direct premiums | \$27,444 | \$66,566 | \$25,526 |
| Reinsurance assumed | 272 | 224 | 128 |
| Reinsurance ceded | $(1,479)$ | $(1,436)$ | $(1,353)$ |
| Premiums | \$26,237 | \$65,354 | \$24,301 |
| Direct policy charges and fees | \$ 4,648 | \$ 4,491 | \$ 3,894 |
| Reinsurance assumed | 918 | 106 | 124 |
| Reinsurance ceded | (151) | (108) | (94) |
| Policy charges and fees | \$ 5,415 | \$ 4,489 | \$ 3,924 |
| Direct policyholder benefits | \$27,458 | \$66,075 | \$24,638 |
| Reinsurance assumed | 809 | 435 | 289 |
| Reinsurance ceded | $(1,534)$ | $(1,379)$ | $(1,313)$ |
| Policyholders' benefits | $\stackrel{\text { \$26,733 }}{ }$ | \$65,131 | \$23,614 |

Reinsurance recoverables at December 31, are as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Individual and group annuities(1) | \$ 252 |  |
| Life insurance(2) | 2,383 | 751 |
| Other reinsurance | 149 | 155 |
| Total reinsurance recoverable | \$2,784 | \$1,537 |

(1) Primarily represents reinsurance recoverables established under the reinsurance arrangements associated with the acquisition of the retirement business of CIGNA. The Company has recorded reinsurance payables related to the acquisition of the retirement business of CIGNA of $\$ 248$ million and $\$ 628$ million at December 31, 2013 and 2012, respectively.
(2) Includes $\$ 1,597$ million of reinsurance recoverables established at December 31, 2013 under the reinsurance arrangements associated with the acquisition of the individual life business of The Hartford. The Company has also recorded reinsurance payables related to the individual life business of The Hartford acquisition of $\$ 1,244$ million at December 31, 2013.

Excluding the reinsurance recoverable associated with the acquisition of individual life business of The Hartford and the retirement business of CIGNA, four major reinsurance companies account for approximately $64 \%$ of the reinsurance recoverable at December 31, 2013. The Company periodically reviews the financial condition of its reinsurers, amounts recoverable therefrom, and unearned reinsurance premium, in order to minimize its exposure to loss from reinsurer insolvencies. If deemed necessary, the Company would secure collateral in the form of a trust, letter of credit, or funds withheld arrangement to ensure collectability, otherwise, an allowance for uncollectible reinsurance would be recorded.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT

## Short-term Debt

Short-term debt at December 31 is as follows:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Commercial paper: |  |  |
| Prudential Financial | \$ 190 | \$ 113 |
| Prudential Funding, LLC | 460 | 359 |
| Subtotal commercial paper | 650 | 472 |
| Other notes payable(1) | 0 | 100 |
| Current portion of long-term debt(2) | 2,019 | 1,912 |
| Total short-term debt(3) | \$2,669 | \$2,484 |
| Supplemental short-term debt information: |  |  |
| Portion of commercial paper borrowings due overnight | \$ 466 | \$ 156 |
| Daily average commercial paper outstanding | \$1,309 | \$1,194 |
| Weighted average maturity of outstanding commercial paper, in days | 18 | 21 |
| Weighted average interest rate on outstanding short-term debt(4) | 0.17\% | 0.28\% |

(1) Includes collateralized borrowings from the Federal Home Loan Bank of New York of $\$ 100$ million at December 31, 2012, discussed in more detail below.
(2) Includes limited and non-recourse borrowings of Prudential Holdings, LLC attributable to the Closed Block Business of $\$ 75$ million at both December 31, 2013 and 2012.
(3) Includes Prudential Financial debt of $\$ 1,721$ million and $\$ 1,847$ million at December 31, 2013 and 2012, respectively.
(4) Excludes the current portion of long-term debt.

At December 31, 2013 and 2012, the Company was in compliance with all covenants related to the above debt.

## Commercial Paper

Prudential Financial has a commercial paper program with an authorized capacity of $\$ 3.0$ billion. Prudential Financial commercial paper borrowings have been generally used to fund the working capital needs of Prudential Financial's subsidiaries and provide short-term liquidity at Prudential Financial.

Prudential Funding, LLC ("Prudential Funding"), a wholly-owned subsidiary of Prudential Insurance, has a commercial paper program, with an authorized capacity of $\$ 7.0$ billion. Prudential Funding commercial paper borrowings have generally served as an additional source of financing to meet the working capital needs of Prudential Insurance and its subsidiaries. Prudential Funding also lends to other subsidiaries of Prudential Financial up to limits agreed with the New Jersey Department of Banking and Insurance ("NJDOBI"). Prudential Funding maintains a support agreement with Prudential Insurance whereby Prudential Insurance has agreed to maintain Prudential Funding's tangible net worth at a positive level. Additionally, Prudential Financial has issued a subordinated guarantee covering Prudential Funding's $\$ 7.0$ billion commercial paper program.

## Federal Home Loan Bank of New York

Prudential Insurance is a member of the Federal Home Loan Bank of New York ("FHLBNY"). Membership allows Prudential Insurance access to the FHLBNY's financial services, including the ability to obtain collateralized loans and to issue collateralized funding agreements. Under applicable law, the funding agreements issued to the FHLBNY have priority claim status above debt holders of Prudential Insurance. FHLBNY borrowings and funding agreements are collateralized by qualifying mortgage-related assets or U.S. Treasury securities, the fair value of which must be maintained at certain specified levels relative to outstanding borrowings. FHLBNY membership requires Prudential Insurance to own member stock and borrowings require the purchase of activity-based stock in an amount equal to $4.5 \%$ of outstanding borrowings. Under FHLBNY guidelines, if Prudential Insurance's financial strength ratings decline below A/A2/A Stable by S\&P/Moody's/Fitch, respectively, and the FHLBNY does not receive written assurances from the NJDOBI regarding Prudential Insurance's solvency, new borrowings from the FHLBNY would be limited to a term of 90 days or less. Currently there are no restrictions on the term of borrowings from the FHLBNY. All FHLBNY stock purchased by Prudential Insurance is classified as restricted general account investments within "Other long-term investments," and the carrying value of these investments was $\$ 168$ million and $\$ 170$ million as of December 31, 2013 and 2012, respectively.

NJDOBI permits Prudential Insurance to pledge collateral to the FHLBNY in an amount of up to 5\% of its prior year-end statutory net admitted assets, excluding separate account assets. Based on Prudential Insurance's statutory net admitted assets as of December 31, 2012, the $5 \%$ limitation equates to a maximum amount of pledged assets of $\$ 8.1$ billion and an estimated maximum borrowing capacity (after taking into account required collateralization levels and purchases of activity-based stock) of approximately $\$ 6.5$ billion. Nevertheless, FHLBNY borrowings are subject to the FHLBNY's discretion and to the availability of qualifying assets at Prudential Insurance.

As of December 31, 2013, Prudential Insurance had pledged assets with a fair value of $\$ 2.7$ billion supporting aggregate outstanding collateralized advances and funding agreements of $\$ 2.2$ billion. As of December 31, 2013, an outstanding advance of $\$ 280$ million is in

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT (continued)

"Long-term debt" and matures in December 2015, and outstanding funding agreements, totaling $\$ 1,947$ million are included in "Policyholders' account balances." The fair value of qualifying assets that were available to Prudential Insurance but not pledged amounted to $\$ 3.1$ billion as of December 31, 2013.

## Federal Home Loan Bank of Boston

Prudential Retirement Insurance and Annuity Company ("PRIAC") is a member of the Federal Home Loan Bank of Boston ("FHLBB"). Membership allows PRIAC access to collateralized advances which will be classified in "Short-term debt" or "Long-term debt," depending on the maturity date of the obligation. PRIAC's membership in FHLBB requires the ownership of member stock and borrowings from FHLBB require the purchase of activity-based stock in an amount between $3.0 \%$ and $4.5 \%$ of outstanding borrowings depending on the maturity date of the obligation. As of December 31, 2013, PRIAC had no advances outstanding under the FHLBB facility.

Under Connecticut state insurance law, without the prior consent of the Connecticut Insurance Department ("CTID"), the amount of assets insurers may pledge to secure debt obligations is limited to the lesser of $5 \%$ of prior-year statutory admitted assets or $25 \%$ of prioryear statutory surplus, resulting in a maximum borrowing capacity for PRIAC under the FHLBB facility of approximately $\$ 230$ million, none of which was outstanding as of December 31, 2013. Previously, the CTID provided a temporary advance consent to PRIAC, permitting it to pledge up to $\$ 2.6$ billion in qualifying assets to secure FHLBB borrowings, resulting in a maximum borrowing capacity under the facility of approximately $\$ 1.7$ billion; however, this consent expired as of December 31, 2013.

## Credit Facilities

The Company's syndicated, unsecured committed credit facilities at December 31 are as follows:

| Borrower | Original Term | Expiration Date | Capacity | Outstanding |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | (in millions) |  |
| Prudential Financial(1) | 5-year | Nov-2018 | \$2,000 | \$0 |
| Prudential Financial and Prudential Funding(1) | 3-year | Nov-2016 | 1,750 | 0 |
|  |  |  | \$3,750 | \$0 |

(1) In November 2013, amendments to these facilities extended their terms by approximately 2 years. The expiration dates above reflect that extension.

The above credit facilities may be used for general corporate purposes, including as backup liquidity for the Company's commercial paper programs discussed above. As of December 31, 2013, there were no outstanding borrowings under either credit facility. Prudential Financial expects that it may borrow under the five-year credit facility from time to time to fund its working capital needs and those of its subsidiaries. In addition, up to $\$ 300$ million of the five-year facility may be drawn in the form of standby letters of credit that can be used to meet the Company's operating needs.

The credit facilities contain representations and warranties, covenants and events of default that are customary for facilities of this type; however, borrowings under the facilities are not contingent on the Company's credit ratings nor subject to material adverse change clauses. Borrowings under the credit facilities are conditioned on the continued satisfaction of other customary conditions, including the maintenance at all times of consolidated net worth, relating to the Company's Financial Services Businesses only, of at least $\$ 18.985$ billion, which for this purpose is calculated as U.S. GAAP equity, excluding AOCI and excluding equity of noncontrolling interests. As of December 31, 2013 and 2012, the consolidated net worth of the Company's Financial Services Businesses exceeded the minimum amount required to borrow under the credit facilities.

In addition to the above credit facilities, the Company had access to $\$ 379$ million of certain other lines of credit at December 31, 2013, of which $\$ 335$ million was for the sole use of certain real estate separate accounts. The separate account facilities include loan-to-value ratio requirements and other financial covenants and recourse on obligations under these facilities is limited to the assets of the applicable separate account. At December 31, 2013, $\$ 38$ million of these credit facilities were used. The Company also has access to uncommitted lines of credit from financial institutions.

## Put Option Agreement for Senior Debt Issuance

In November 2013, Prudential Financial entered into a ten-year put option agreement with a Delaware trust upon the completion of the sale of $\$ 1.5$ billion of trust securities by that Delaware trust in a Rule 144A private placement. The trust invested the proceeds from the sale of the trust securities in a portfolio of principal and interest strips of U.S. Treasury securities. The put option agreement provides Prudential Financial the right to sell to the trust at any time up to $\$ 1.5$ billion of $4.419 \%$ senior notes due November 2023 and receive in exchange a corresponding amount of the principal and interest strips of U.S. Treasury securities held by the trust. In return, the Company agreed to pay a semi-annual put premium to the trust at a rate of $1.777 \%$ per annum applied to the unexercised portion of the put option. The put option agreement with the trust provides Prudential Financial with a source of liquid assets.

The put option described above will be exercised automatically in full upon the Company's failure to make certain payments to the trust, such as paying the put option premium or reimbursing the trust for its expenses, if the Company's failure to pay is not cured within 30 days,

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT (continued)

and upon an event involving its bankruptcy. The Company is also required to exercise the put option if its consolidated stockholders' equity, calculated in accordance with GAAP but excluding AOCI, falls below $\$ 7$ billion, subject to adjustment in certain cases. The Company has a one-time right to unwind a prior voluntary exercise of the put option by repurchasing all of the senior notes then held by the trust in exchange for principal and interest strips of U.S. Treasury securities. Finally, any of the $4.419 \%$ senior notes that Prudential Financial issues may be redeemed prior to their maturity at par or, if greater, a make-whole price, following a voluntary exercise in full of the put option.

## Long-term Debt

Long-term debt at December 31 is as follows:

|  | Maturity Dates | Rate(1) | December 31, |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2013 | 2012 |
|  |  |  | (in millions) |  |
| Fixed-rate notes: |  |  |  |  |
| Surplus notes | 2015-2025 | 5.36\%-8.30\% | \$ 941 | \$ 940 |
| Surplus notes subject to set-off arrangements | 2021-2033 | 3.52\%-5.26\% | 2,400 | 1,000 |
| Senior notes(2) | 2014-2043 | 2.21\%-11.31\% | 12,151 | 13,537 |
| Floating-rate notes: |  |  |  |  |
| Surplus notes | 2016-2052 | 0.51\%-3.52\% | 3,200 | 3,200 |
| USD-denominated senior notes | 2014-2023 | 1.02\%-4.91\% | 677 | 293 |
| Foreign currency-denominated senior notes | (3) | 0.84\%-3.13\% | 100 | 490 |
| Junior subordinated notes | 2042-2068 | 5.20\%-8.88\% | 4,884 | 4,594 |
| Prudential Holdings, LLC notes (the "IHC debt"): |  |  |  |  |
| Series A | 2017(4) | 1.12\%-1.18\% | 238 | 285 |
| Series B | 2023(4) | 7.245\% | 777 | 777 |
| Series C | 2023(4) | 8.695\% | 585 | 613 |
| Subtotal |  |  | 25,953 | 25,729 |
| Less: assets under set-off arrangements(5) |  |  | 2,400 | 1,000 |
| Total long-term debt(6) |  |  | \$23,553 | \$24,729 |

(1) Range of interest rates are for the year ended December 31, 2013.
(2) Includes collateralized borrowings from the Federal Home Loan Bank of New York of \$280 million at both December 31, 2013 and 2012.
(3) Includes $\$ 61$ million of perpetual debt that has no stated maturity. Maturities on the remaining debt range from 2014 to 2017.
(4) Annual scheduled repayments of principal for the Series A and Series C notes began in 2013. Annual scheduled repayments of principal for the Series B notes begin in 2018.
(5) Assets under set-off arrangements represent a reduction in the amount of fixed-rate surplus notes included in long-term debt, resulting from an arrangement where valid rights of set-off exist and it is the intent of both parties to settle on a net basis under legally enforceable arrangements.
(6) Includes Prudential Financial debt of $\$ 16,346$ million and $\$ 16,998$ million at December 31, 2013 and 2012, respectively.

At December 31, 2013 and 2012, the Company was in compliance with all debt covenants related to the borrowings in the table above.
The following table presents the contractual maturities of the Company's long-term debt as of December 31, 2013:

|  |  |  | alendar |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2016 | 2017 | 2018 | 2019 and thereafter | Total |
|  |  |  |  | illions) |  |  |
| Long-term debt | \$3,457 | \$1,477 | \$1,733 | \$2,580 | \$14,306 | \$23,553 |

## Surplus Notes

As of December 31, 2013, Prudential Insurance had $\$ 941$ million of fixed-rate surplus notes outstanding. These notes are subordinated to other Prudential Insurance borrowings and policyholder obligations, and the payment of interest and principal may only be made with the prior approval of NJDOBI. NJDOBI could prohibit the payment of the interest and principal on the surplus notes if certain statutory capital requirements are not met. At December 31, 2013 and 2012, the Company met these statutory capital requirements.

Prudential Insurance's fixed-rate surplus notes include $\$ 500$ million of exchangeable surplus notes issued in a private placement in 2009 with an interest rate of $5.36 \%$ per annum and due September 2019. The surplus notes are exchangeable at the option of the holder, in whole but not in part, for shares of Prudential Financial Common Stock beginning in September 2014, or earlier upon a fundamental business combination involving Prudential Financial or a continuing payment default. The initial exchange rate for the surplus notes is 10.1235 shares of Common Stock per each $\$ 1,000$ principal amount of surplus notes, which represents an initial exchange price per share of Common Stock of $\$ 98.78$; however, the exchange rate is subject to customary anti-dilution adjustments. The exchange rate is also

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT (continued)

subject to a make-whole decrease in the event of an exchange prior to maturity (except upon a fundamental business combination or a continuing payment default), that will result in a reduction in the number of shares issued upon exchange (per $\$ 1,000$ principal amount of surplus notes) determined by dividing a prescribed cash reduction value (which will decline over the life of the surplus notes, from $\$ 102.62$ for an exercise on September 18, 2014, to zero for an exercise at maturity) by the price of the Common Stock at the time of exchange. In addition, the exchange rate is subject to a customary make-whole increase in connection with an exchange of the surplus notes upon a fundamental business combination where $10 \%$ or more of the consideration in that business combination consists of cash, other property or securities that are not listed on a U.S. national securities exchange. These exchangeable surplus notes are not redeemable by Prudential Insurance prior to maturity, except in connection with a fundamental business combination involving Prudential Financial, in which case the surplus notes will be redeemable by Prudential Insurance, subject to the noteholders' right to exchange the surplus notes instead, at par or, if greater, a make-whole redemption price.

From 2011 through 2013, a captive reinsurance subsidiary of Prudential Insurance entered into agreements providing for the issuance and sale of up to $\$ 2.0$ billion of ten-year fixed-rate surplus notes. Under the agreements, the captive receives in exchange for the surplus notes one or more credit-linked notes issued by a special purpose subsidiary of the Company in an aggregate principal amount equal to the surplus notes issued. The captive holds the credit-linked notes as assets supporting non-economic reserves required to be held by the Company's domestic insurance subsidiaries under Regulation XXX in connection with the reinsurance of term life insurance policies through the captive. The principal amount of the outstanding credit-linked notes is redeemable by the captive in cash upon the occurrence of, and in an amount necessary to remedy, a specified liquidity stress event affecting the captive. Under the agreements, external counterparties have agreed to fund any such payment under the credit-linked notes in return for a fee. Prudential Financial has agreed to make capital contributions to the captive to reimburse it for investment losses in excess of specified amounts and has agreed to reimburse the external counterparties for any payments under the credit-linked notes that are funded by those counterparties. As of December 31, 2013, an aggregate of $\$ 1,500$ million of surplus notes were outstanding under these agreements and no such payments under the creditlinked notes have been required.

In December 2013, another captive reinsurance subsidiary entered into a twenty-year financing facility with external counterparties providing for the issuance and sale of a surplus note in an aggregate principal amount of up to $\$ 2$ billion in order to finance non-economic reserves required to be held by the Company's domestic insurance subsidiaries under Guideline AXXX. The agreements contemplate that additional external counterparties may be added to this facility in the future which could increase the size of the facility to $\$ 3$ billion. Similar to the agreements described above, the captive receives in exchange for the surplus note one or more credit linked notes issued by a special purpose affiliate in an aggregate principal amount equal to the surplus note. As above, the principal amount of the outstanding credit-linked notes is redeemable by the captive in cash upon the occurrence of, and in an amount necessary to remedy, a specified liquidity stress event, and the external counterparties have agreed to fund any such payment. Prudential Financial has agreed to reimburse the captive for investment losses in excess of specified amounts; however, Prudential Financial has no other reimbursement obligations to the external counterparties under this facility. As of December 31, 2013, an aggregate of $\$ 900$ million of surplus notes were outstanding under the facility and no credit-linked note payments have been required.

Under each of the above transactions for the captive reinsurance subsidiaries, because valid rights of set-off exist, interest and principal payments on the surplus notes and on the credit-linked notes are settled on a net basis, and the surplus notes are reflected in the Company's total consolidated borrowings on a net basis.

Other captive reinsurance subsidiaries have outstanding $\$ 3.2$ billion of surplus notes that were issued in 2006 through 2008 with unaffiliated institutions to finance reserves required under Regulation XXX and Guideline AXXX. Prudential Financial has agreed to maintain the capital of these captives at or above a prescribed minimum level and has entered into arrangements (which are accounted for as derivative instruments) that require it to make certain payments in the event of deterioration in the value of the surplus notes. As of December 31, 2013 and 2012, there were no collateral postings made under these derivative instruments.

The surplus notes for the captive reinsurance subsidiaries described above are subordinated to policyholder obligations, and the payment of principal on the surplus notes may only be made with prior approval of the Arizona Department of Insurance. The payment of interest on the surplus notes has been approved by the Arizona Department of Insurance, subject to its ability to withdraw that approval.

## Senior Notes

Medium-term notes. Prudential Financial maintains a Medium-Term Note, Series D program under its shelf registration statement with an authorized issuance capacity of $\$ 20$ billion. As of December 31, 2013, the outstanding balance of medium-term notes under this program was $\$ 12.7$ billion, a decrease of $\$ 0.5$ billion from December 31, 2012, due to maturities of $\$ 1.6$ billion, offset by $\$ 1.1$ billion of issuances as presented in the below table.

| Issue Date | Face Value | Interest Rate | Maturity Date |
| :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |
| August 15, 2013 | \$350 | 2.300\% | August 15, 2018 |
| August 15, 2013 | \$350 | LIBOR + 0.78\% | August 15, 2018 |
| August 15, 2013 | \$350 | 5.100\% | August 15, 2043 |

Retail medium-term notes. Prudential Financial also maintains a retail medium-term notes program, including the InterNotes ${ }^{\circledR}$ program, under its shelf registration statement with an authorized issuance capacity of $\$ 5.0$ billion. As of December 31, 2013, the

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT (continued)

outstanding balance of retail notes was $\$ 292$ million. Retail notes outstanding decreased by $\$ 615$ million from December 31, 2012 primarily due to the Company's redemption of $\$ 462$ million of notes during 2013, with an average interest rate of approximately $6.0 \%$.

Asset-backed notes. On March 30, 2012, Prudential Insurance sold, in a Rule 144A private placement, $\$ 1.0$ billion of $2.997 \%$ assetbacked notes with a final maturity of September 30, 2015. As of December 31, 2013, the outstanding balance of these notes was $\$ 850$ million due to scheduled repayments. The notes are secured by the assets of a trust, consisting of approximately $\$ 2.8$ billion aggregate principal balance of residential mortgage-backed securities deposited into the trust by Prudential Insurance. Payments of interest and principal on the notes will be made only to the extent of funds available to the trust in accordance with a priority of payments set forth in the indenture governing the notes. Prudential Financial guaranteed to the holders of the notes the timely payment of all principal and interest due on the notes and any "make-whole payments" that may become due as a result of the payment of principal on the notes prior to the scheduled payment date.

Funding Agreement Notes Issuance Program. The Company maintains a Funding Agreement Notes Issuance Program in which a statutory trust issues medium-term notes secured by funding agreements issued to the trust by Prudential Insurance. These obligations are included in "Policyholders' account balances" and not included in the foregoing table. See Notes 5 and 10 for further discussion of these obligations.

## Junior Subordinated Notes

Prudential Financial's junior subordinated notes outstanding are considered hybrid securities that receive enhanced equity treatment from the rating agencies. Junior subordinated notes outstanding, along with their key terms, are as follows:

| Issue Date | Principal Amount | Initial Interest Rate | Investor Type | Optional Redemption Date(1) | Interest Rate <br> Subsequent to Optional Redemption Date | Scheduled Maturity Date | Final <br> Maturity Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |  |  |  |  |
| June 2008 | \$ 600 | 8.875\% | Institutional | 6/15/18 | LIBOR + 5.00\% | 6/15/38 | 6/15/68 |
| August 2012 | \$1,000 | 5.875\% | Institutional | 9/15/22 | LIBOR + 4.175\% | $\mathrm{n} / \mathrm{a}$ | 9/15/42 |
| November 2012 | \$1,500 | 5.625\% | Institutional | 6/15/23 | LIBOR + 3.920\% | n/a | 6/15/43 |
| December 2012 | \$ 575 | 5.750\% | Retail | 12/4/17 | 5.750\% | n/a | 12/15/52 |
| March 2013 | \$ 710 | 5.700\% | Retail | 3/15/18 | 5.700\% | n/a | 3/15/53 |
| March 2013 | \$ 500 | 5.200\% | Institutional | 3/15/24 | LIBOR + 3.040\% | n/a | 3/15/44 |

(1) Represents the initial date on which the notes can be redeemed at par solely at the option of the Company, subject in the case of the $8.875 \%$ notes to compliance with a replacement capital covenant.

Prudential Financial has the right to defer interest payments on these notes for specified periods, typically 5-10 years without resulting in a default, during which time interest will be compounded. On or after the optional redemption dates, Prudential Financial may redeem the notes at par plus accrued and unpaid interest. Prior to those optional redemption dates, redemptions generally are subject to a makewhole price; however, the Company may redeem the notes prior to these dates at par upon the occurrence of certain events, such as, for the notes issued in 2012 and 2013, a future change in the regulatory capital treatment of the notes with respect to the Company. In June 2013, Prudential Financial redeemed all of its \$920 million 9.0\% Junior Subordinated Notes due 2068.

## Prudential Holdings, LLC Notes

On December 18, 2001, the date of demutualization, Prudential Holdings, LLC ("PHLLC"), a wholly-owned subsidiary of Prudential Financial, issued $\$ 1,750$ million in senior secured notes (the "IHC debt"). PHLLC owns the capital stock of Prudential Insurance and does not have any operating businesses of its own. The IHC debt represents senior secured obligations of PHLLC with limited recourse; neither Prudential Financial, Prudential Insurance nor any other affiliate is an obligor or guarantor on the IHC debt. The IHC debt is collateralized by $13.8 \%$ of the outstanding common stock of Prudential Insurance and other items specified in the indenture, primarily the "Debt Service Coverage Account" (the "DSCA") discussed below.

PHLLC's ability to meet its obligations under the IHC debt is dependent principally upon sufficient available funds being generated by the Closed Block Business and the ability of Prudential Insurance, the sole direct subsidiary of PHLLC, to dividend such funds to PHLLC. The payment of scheduled principal and interest on the Series A notes and the Series B notes is insured by a financial guarantee insurance policy. The payment of principal and interest on the Series C notes is not insured. The IHC debt is redeemable prior to its stated maturity at the option of PHLLC, subject to make-whole provisions, and, in the event of certain circumstances, the bond insurer can require PHLLC to redeem the IHC debt.

Net proceeds from the IHC debt amounted to $\$ 1,727$ million, of which $\$ 1,218$ million was distributed to Prudential Financial through a dividend on the date of demutualization for use in the Financial Services Businesses. In addition, $\$ 72$ million was used to purchase a guaranteed investment contract to fund a portion of the financial guarantee insurance premium related to the IHC debt. The remainder of the net proceeds was deposited to a restricted account within PHLLC, referred to as the DSCA, and constitutes collateral for the IHC debt. The balance in the DSCA was $\$ 705$ million and $\$ 658$ million as of December 31, 2013 and 2012, respectively. If the DSCA balance falls below specified levels, resources from the Financial Services Businesses may be required to service the IHC debt.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 14. SHORT-TERM AND LONG-TERM DEBT (continued)

Summarized consolidated financial data for PHLLC is presented below.

|  | As of December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Consolidated Statements of Financial Position: |  |  |
| Total assets | \$514,094 | \$473,317 |
| Total liabilities | \$494,537 | \$452,668 |
| Total member's equity | 19,553 | 20,640 |
| Noncontrolling interests | 4 | 9 |
| Total equity | 19,557 | 20,649 |
| Total liabilities and equity | \$514,094 | \$473,317 |


|  | Years | Ended Decem | ber 31, |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | (in millions) |  |
| Consolidated Statements of Operations: |  |  |  |
| Total revenues | \$23,487 | \$56,195 | \$25,241 |
| Total benefits and expenses | 22,073 | 55,332 | 24,206 |
| Income from continuing operations before income taxes and ventures | 1,414 | 863 | 1,035 |
| Net income | 1,367 | 883 | 813 |
| Less: Income (loss) attributable to noncontrolling interests | 1 | (1) | (13) |
| Net income attributable to Prudential Holdings, LLC. | \$ 1,366 | \$ 884 | \$ 826 |
| Consolidated Statements of Cash Flows: |  |  |  |
| Cash flows from operating activities | \$ 2,464 | \$ 2,758 | \$ 5,060 |
| Cash flows used in investing activities | $(8,218)$ | $(4,620)$ | $(4,741)$ |
| Cash flows from (used in) financing activities | 5,129 | 1,111 | 603 |
| Effect of foreign exchange in cash and cash equivalents | (6) | (7) | (15) |
| Net increase (decrease) in cash and cash equivalents | \$ (631) | \$ (758) | \$ 907 |

Prudential Financial is a holding company and is a legal entity separate and distinct from its subsidiaries. The rights of Prudential Financial to participate in any distribution of assets of any subsidiary, including upon its liquidation or reorganization, are subject to the prior claims of creditors of that subsidiary, except to the extent that Prudential Financial may itself be a creditor of that subsidiary and its claims are recognized. PHLLC and its subsidiaries have entered into covenants and arrangements with third parties in connection with the issuance of the IHC debt which are intended to confirm their separate, "bankruptcy-remote" status, by assuring that the assets of PHLLC and its subsidiaries are not available to creditors of Prudential Financial or its other subsidiaries, except and to the extent that Prudential Financial and its other subsidiaries are, as shareholders or creditors of PHLLC and its subsidiaries, or would be, entitled to those assets.

At December 31, 2013, the Company was in compliance with all IHC debt covenants.

## Interest Expense

In order to modify exposure to interest rate and currency exchange rate movements, the Company utilizes derivative instruments, primarily interest rate swaps, in conjunction with some of its debt issues. The impact of these derivative instruments are not reflected in the rates presented in the tables above. For those derivative instruments that qualify for hedge accounting treatment, interest expense was increased by $\$ 23$ million, $\$ 16$ million and $\$ 12$ million for the years ended December 31, 2013, 2012 and 2011, respectively. See Note 21 for additional information on the Company's use of derivative instruments.

Interest expense for short-term and long-term debt was $\$ 1,419$ million, $\$ 1,389$ million and $\$ 1,315$ million for the years ended December 31, 2013, 2012 and 2011, respectively. This includes interest expense of $\$ 6$ million, $\$ 8$ million and $\$ 17$ million for the years ended December 31, 2013, 2012 and 2011, respectively, reported in "Net investment income."

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY

The Company has outstanding two classes of common stock: the Common Stock and the Class B Stock. The changes in the number of shares issued, held in treasury and outstanding are as follows for the periods indicated:

|  | Common Stock |  |  | $\begin{gathered} \text { Class B Stock } \\ \hline \text { Issued and } \\ \text { Outstanding } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Issued | Held In Treasury | Outstanding |  |
|  |  |  | n millions) |  |
| Balance, December 31, 2010 | 660.1 | 176.3 | 483.8 | 2.0 |
| Common Stock issued | 0.0 | 0.0 | 0.0 | 0.0 |
| Common Stock acquired | 0.0 | 19.8 | (19.8) | 0.0 |
| Stock-based compensation programs(1) | 0.0 | (4.0) | 4.0 | 0.0 |
| Balance, December 31, 2011 | 660.1 | 192.1 | 468.0 | 2.0 |
| Common Stock issued | 0.0 | 0.0 | 0.0 | 0.0 |
| Common Stock acquired | 0.0 | 11.5 | (11.5) | 0.0 |
| Stock-based compensation programs(1) | 0.0 | (6.5) | 6.5 | 0.0 |
| Balance, December 31, 2012 | 660.1 | 197.1 | 463.0 | 2.0 |
| Common Stock issued | 0.0 | 0.0 | 0.0 | 0.0 |
| Common Stock acquired | 0.0 | 10.0 | (10.0) | 0.0 |
| Stock-based compensation programs(1) | 0.0 | (8.1) | 8.1 | 0.0 |
| Balance, December 31, 2013 | 660.1 | 199.0 | 461.1 | 2.0 |

## Common Stock and Class B Stock

On the date of demutualization, Prudential Financial completed an initial public offering of its Common Stock at an initial public offering price of $\$ 27.50$ per share. The shares of Common Stock issued were in addition to shares of Common Stock the Company distributed to policyholders as part of the demutualization. The Common Stock is traded on the New York Stock Exchange under the symbol "PRU." Also on the date of demutualization, Prudential Financial completed the sale, through a private placement, of 2.0 million shares of Class B Stock at a price of $\$ 87.50$ per share. The Class B Stock is a separate class of common stock which is not publicly traded. The Common Stock reflects the performance of the Financial Services Businesses and the Class B Stock reflects the performance of the Closed Block Business.

Holders of Common Stock have no interest in a separate legal entity representing the Financial Services Businesses and holders of the Class B Stock have no interest in a separate legal entity representing the Closed Block Business and holders of each class of common stock are subject to all of the risks associated with an investment in the Company.

In the event of a liquidation, dissolution or winding-up of the Company, holders of Common Stock and holders of Class B Stock would be entitled to receive a proportionate share of the net assets of the Company that remain after paying all liabilities and the liquidation preferences of any preferred stock.

## Common Stock Held in Treasury

Common Stock held in treasury is accounted for at average cost. Gains resulting from the reissuance of "Common Stock held in treasury" are credited to "Additional paid-in capital." Losses resulting from the reissuance of "Common Stock held in treasury" are charged first to "Additional paid-in capital" to the extent the Company has previously recorded gains on treasury share transactions, then to "Retained earnings."

In June 2012, Prudential Financial's Board of Directors authorized the Company to repurchase at management's discretion up to $\$ 1.0$ billion of its outstanding Common Stock through June 2013. Under this authorization, 6.6 million shares of the Company's Common Stock were repurchased at a total cost of $\$ 400$ million, of which 3.9 million shares were repurchased in the first six months of 2013 at a total cost of $\$ 250$ million.

In June 2013, Prudential Financial's Board of Directors authorized the Company to repurchase at management's discretion up to $\$ 1.0$ billion of its outstanding Common Stock through June 2014. As of December 31, 2013, 6.1 million shares of the Company's Common Stock were repurchased under this authorization at a total cost of $\$ 500$ million.

The timing and amount of share repurchases are determined by management based upon market conditions and other considerations, and repurchases may be effected in the open market, through derivative, accelerated repurchase and other negotiated transactions and through prearranged trading plans complying with Rule 10b5-1(c) under the Exchange Act. Numerous factors could affect the timing and amount of any future repurchases under the share repurchase authorization, including increased capital needs of the Company due to changes in regulatory capital requirements, opportunities for growth and acquisitions, and the effect of adverse market conditions on the segments.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

## Stock Conversion Rights of the Class B Stock

Prudential Financial may, at its option, at any time, exchange all outstanding shares of Class B Stock into such number of shares of Common Stock as have an aggregate average market value equal to $120 \%$ of the appraised fair market value of the outstanding shares of Class B Stock.

Holders of Class B Stock will be permitted to convert their shares of Class B Stock into such number of shares of Common Stock as have an aggregate average market value equal to $100 \%$ of the appraised fair market value of the outstanding shares of Class B Stock (1) in the holder's sole discretion, beginning on January 1, 2016, and (2) at any time in the event that (a) the Class B Stock is no longer treated as equity of Prudential Financial for federal income tax purposes or (b) the New Jersey Department of Banking and Insurance changes the regulation of the Closed Block, the Closed Block Business, the Class B Stock or the IHC debt in a manner that materially adversely affects the "CB Distributable Cash Flow" (described below); provided, however, that a holder of Class B Stock may not convert its shares if such holder would become, upon such conversion, the beneficial owner (as defined under the Securities Exchange Act of 1934) of over $9.9 \%$ of the total outstanding voting power of Prudential Financial's voting securities. In the event a holder of shares of Class B Stock requests to convert shares pursuant to clause (2)(a) in the preceding sentence, Prudential Financial may elect, instead of effecting such conversion, to increase the Target Dividend Amount of the Class B Stock from $\$ 9.625$ to $\$ 12.6875$ per share per annum, retroactively from the time of issuance of the Class B Stock.

## Preferred Stock

As of December 31, 2013 and 2012, the Company had no preferred stock outstanding. The Company previously maintained a shareholder rights plan; however, the rights plan expired on December 18, 2011.

## Dividends

The declaration and payment of dividends on the Common Stock is limited by New Jersey corporate law, pursuant to which Prudential Financial is prohibited from paying a Common Stock dividend if, after giving effect to that dividend, either (a) the Company would be unable to pay its debts as they become due in the usual course of its business or (b) the Company's total assets would be less than its liabilities. This limitation is applied both as if the Financial Services Businesses were a separate corporation and on a consolidated basis after taking into account dividends on the Class B Stock. In addition, the terms of the Company's outstanding junior subordinated debt include a "dividend stopper" provision that restricts the payment of dividends on the Common Stock and Class B Stock if interest payments are not made on the junior subordinated debt. The terms of the Class B Stock also restrict dividends on the Common Stock in certain circumstances as described below. Further, as a Designated Financial Company under Dodd-Frank, Prudential Financial is to be subject to minimum risk-based capital and leverage requirements and to the submission of annual capital plans to the Board of Governors of the Federal Reserve System. Prudential Financial's compliance with these and other requirements under the Dodd-Frank Act could limit its ability to pay Common Stock dividends in the future.

As of December 31, 2013, the Company's U.S. GAAP retained earnings were $\$ 14,531$ million. Other than the above limitations, this amount is free of restrictions for the payment of Common Stock dividends. However, Common Stock dividends will be dependent upon the financial condition, results of operations, cash needs, future prospects and other factors relating to the Financial Services Businesses, including cash available to Prudential Financial, the parent holding company. The principal sources of funds available to Prudential Financial are dividends and returns of capital from its subsidiaries, repayments of operating loans from its subsidiaries and cash and shortterm investments. The primary uses of funds at Prudential Financial include servicing its debt, operating expenses, capital contributions and loans to subsidiaries, the payment of declared shareholder dividends and repurchases of outstanding shares of Common Stock if executed under Board authority. As of December 31, 2013, Prudential Financial had cash and short term investments, excluding amounts held in an intercompany liquidity account, of $\$ 4,354$ million.

Future cash available at Prudential Financial to support the payment of future Common Stock dividends is dependent on the receipt of dividends or other funds from its subsidiaries, the majority of which are subject to comprehensive regulation, including limitations on their payment of dividends and other transfers of funds, which are discussed below.

With respect to Prudential Insurance, the Company's primary domestic insurance subsidiary, New Jersey insurance law provides that, except in the case of extraordinary dividends (as described below), all dividends or other distributions paid by Prudential Insurance may be paid only from unassigned surplus, as determined pursuant to statutory accounting principles, less cumulative unrealized investment gains and losses and revaluation of assets as of the prior calendar year-end. As of December 31, 2013, Prudential Insurance's unassigned surplus was $\$ 4,439$ million, and it recorded applicable adjustments for cumulative unrealized investment gains of $\$ 2,304$ million. Prudential Insurance must give prior notification to the New Jersey Department of Banking and Insurance ("NJDOBI") of its intent to pay any such dividend or distribution. Also, if any dividend, together with other dividends or distributions made within the preceding twelve months, exceeds the greater of (i) $10 \%$ of Prudential Insurance's statutory surplus as of the preceding December 31 ( $\$ 938$ million as of December 31, 2013) or (ii) its statutory net gain from operations excluding realized investment gains and losses for the twelve-month period ending on the preceding December 31 ( $\$ 1,252$ million for the year ended December 31, 2013), the dividend is considered to be an "extraordinary dividend" and requires the prior approval of NJDOBI. Under New Jersey insurance law, Prudential Insurance is permitted to pay a dividend of $\$ 1,252$ million in 2014 without prior approval of NJDOBI.

The laws regulating dividends of the states where the Company's other domestic insurance subsidiaries are domiciled are similar, but not identical, to New Jersey's. Prudential Annuities Life Assurance Corporation ("PALAC"), an Arizona-domiciled insurer that is a direct subsidiary of Prudential Financial, is permitted to pay a dividend of $\$ 143$ million in 2014 with prior notification to the Arizona Department of Insurance.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

The Company's international insurance operations are subject to dividend restrictions from the regulatory authorities in the jurisdictions in which they operate. With respect to The Prudential Life Insurance Company Ltd. ("Prudential of Japan") and Gibraltar Life, the Company's most significant international insurance subsidiaries, both of which are domiciled in Japan, Japan insurance law provides that common stock dividends may be paid in an amount of up to $83 \%$ of prior fiscal year statutory after-tax earnings, after certain reserving thresholds are met, including providing for policyholder dividends. If statutory retained earnings exceed $100 \%$ of statutory paid-in-capital, $100 \%$ of prior year statutory after-tax earnings may be paid, after reserving thresholds are met. Dividends in excess of these amounts and other forms of capital distribution require the prior approval of the Japan Financial Services Agency ("FSA"). Additionally, Prudential of Japan and Gibraltar Life must give prior notification to the FSA of their intent to pay any dividend or distribution. In 2013, Prudential of Japan paid a dividend of $¥ 25.0$ billion, or $\$ 255$ million, of which approximately $\$ 249$ million was ultimately paid to Prudential Financial. Prudential of Japan has met the statutory retained earnings level necessary to dividend up to $100 \%$ of prior year statutory after-tax earnings. Prudential of Japan's and Gibraltar Life's current regulatory fiscal year will end March 31, 2014, at which time the common stock dividend amount permitted to be paid without prior approval from the FSA will be determinable. Although Gibraltar Life may be able to pay common stock dividends under applicable legal and regulatory restrictions, Gibraltar Life does not anticipate paying common stock dividends for several years as it anticipates returning capital through other means, such as the repayment of subordinated debt or preferred stock obligations held by Prudential Financial or affiliates. The prior approval of the FSA is required for such capital distributions.

In addition, although prior regulatory approval may not be required by law for the payment of dividends up to the limitations described above, in practice, the Company would typically discuss any dividend payments with the applicable regulatory authority prior to payment. Additionally, the payment of dividends by the Company's subsidiaries is subject to declaration by their Board of Directors and may be affected by market conditions and other factors.

The declaration and payment of dividends on the Class B Stock depends upon the financial performance of the Closed Block Business and, as the Closed Block matures, the holders of the Class B Stock will receive the surplus of the Closed Block Business no longer required to support the Closed Block for regulatory purposes. In addition, dividends on the Class B Stock are payable in an aggregate amount per year at least equal to the lesser of (1) a Target Dividend Amount of $\$ 19.25$ million or (2) the "CB Distributable Cash Flow" for such year, which is a measure of the net cash flows of the Closed Block Business. Notwithstanding this formula, as with any common stock, Prudential Financial retains the flexibility to suspend dividends on the Class B Stock; however, if CB Distributable Cash Flow exists and Prudential Financial chooses not to pay dividends on the Class B Stock in an aggregate amount at least equal to the lesser of the CB Distributable Cash Flow or the Target Dividend Amount for any period, then cash dividends cannot be paid on the Common Stock with respect to such period.

## Statutory Net Income, Capital and Surplus

The Company's domestic insurance subsidiaries are required to prepare statutory financial statements in accordance with statutory accounting practices prescribed or permitted by the insurance department of the state of domicile. These subsidiaries do not utilize prescribed or permitted practices that vary materially from the statutory accounting practices prescribed by the National Association of Insurance Commissioners ("NAIC"). Statutory accounting practices primarily differ from U.S. GAAP by charging policy acquisition costs to expense as incurred, establishing future policy benefit liabilities using different actuarial assumptions as well as valuing investments and certain assets and accounting for deferred taxes on a different basis. Statutory net income (loss) of Prudential Insurance amounted to $\$ 1,358$ million, $\$ 1,382$ million and $\$ 826$ million for the years ended December 31, 2013, 2012 and 2011, respectively. Statutory capital and surplus of Prudential Insurance amounted to $\$ 9,383$ million and $\$ 8,699$ million at December 31, 2013 and 2012, respectively. Statutory net income (loss) of PALAC amounted to $\$ 406$ million, $\$ 217$ million and $\$ 177$ million for the years ended December 31, 2013, 2012 and 2011, respectively. Statutory capital and surplus of PALAC amounted to $\$ 443$ million and $\$ 448$ million at December 31, 2013 and 2012, respectively.

The Risk Based Capital ("RBC") ratio is a primary measure by which the Company and its insurance regulators evaluate the capital adequacy of Prudential Insurance and the Company's other domestic insurance subsidiaries. The RBC ratio for Prudential Insurance includes both the Financial Services Businesses and Closed Block Business. RBC is determined by NAIC- prescribed formulas that consider, among other things, risks related to the type and quality of the invested assets, insurance-related risks associated with an insurer's products and liabilities, interest rate risks and general business risks. If a subsidiary's Total Adjusted Capital ("TAC"), as calculated in a manner prescribed by the NAIC, falls below the Company Action Level RBC, corrective action is required. As of December 31, 2013, Prudential Insurance and PALAC both had Total Adjusted Capital levels in excess of 4.0 times the regulatory required minimums that would require corrective action.

The Company's international insurance subsidiaries prepare financial statements in accordance with local regulatory requirements, and they do not utilize regulatory accounting practices that vary materially from the applicable prescribed regulatory accounting practices. These statutory accounting practices differ from U.S. GAAP primarily by charging policy acquisition costs to expense as incurred and establishing future policy benefit liabilities using different actuarial assumptions, as well as valuing investments and certain assets and accounting for deferred taxes on a different basis.

The FSA utilizes a solvency margin ratio to evaluate the capital adequacy of Japanese insurance companies. The solvency margin ratio considers the level of solvency margin capital to a solvency margin risk amount, which is calculated in a similar manner to RBC. As of December 31, 2013, Prudential of Japan and Gibraltar Life both had solvency margin capital in excess of 3.5 times the regulatory required minimums that would require corrective action.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

All of the Company's domestic and international insurance subsidiaries have capital and surplus levels that exceed their respective regulatory minimum requirements.

## Accumulated Other Comprehensive Income (Loss)

The balance of and changes in each component of "Accumulated other comprehensive income (loss) attributable to Prudential Financial, Inc." for the years ended December 31, are as follows:

|  | Accumulated Other Comprehensive Income (Loss) Attributable to Prudential Financial, Inc. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Foreign Currency Translation Adjustment | Net Unrealized Investment Gains (Losses)(1) | Pension and Postretirement Unrecognized Net Periodic Benefit (Cost) | Total Accumulated Other Comprehensive Income (Loss) |
|  | (in millions) |  |  |  |
| Balance, December 31, 2010 | \$ 866 | \$ 3,245 | \$ $(1,461)$ | \$ 2,650 |
| Change in other comprehensive income before reclassifications | 309 | 4,169 | (385) | 4,093 |
| Amounts reclassified from AOCI | 50 | (335) | 88 | (197) |
| Income tax benefit (expense) | (118) | $(1,274)$ | 91 | $(1,301)$ |
| Balance, December 31, 2011 | 1,107 | 5,805 | $(1,667)$ | 5,245 |
| Change in other comprehensive income before reclassifications | (303) | 8,596 | (800) | 7,493 |
| Amounts reclassified from AOCI | 6 | 36 | 101 | 143 |
| Income tax benefit (expense) | 118 | $(3,035)$ | 250 | $(2,667)$ |
| Balance, December 31, 2012 | 928 | 11,402 | $(2,116)$ | 10,214 |
| Change in other comprehensive income before reclassifications | $(1,465)$ | $(1,239)$ | 749 | $(1,955)$ |
| Amounts reclassified from AOCI | 4 | (289) | 125 | (160) |
| Income tax benefit (expense) | 420 | 470 | (308) | 582 |
| Balance, December 31, 2013 | \$ (113) | \$10,344 | \$(1,550) | \$ 8,681 |

(1) Includes cash flow hedges of (\$446) million, (\$257) million and (\$86) million as of December 31, 2013, 2012, and 2011, respectively.

## Reclassifications out of Accumulated Other Comprehensive Income (Loss)

|  | $\begin{gathered} \text { Year Ended } \\ \text { December 31, } 2013 \end{gathered}$ | Affected line item in Consolidated Statements of Operations |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Amounts reclassified from $\mathrm{AOCI}(1)(2)$ : |  |  |
| Foreign currency translation adjustment: |  |  |
| Foreign currency translation adjustment | \$ 0 | Realized investment gains (losses), net |
| Foreign currency translation adjustment | (4) | Other income |
| Total foreign currency translation adjustment | (4) |  |
| Net unrealized investment gains (losses): |  |  |
| Cash flow hedges-Interest Rate | (24) | (3) |
| Cash flow hedges-Currency/Interest rate | (104) | (3) |
| Net unrealized investment gains (losses) on availab securities | 351 |  |
| Net unrealized investment gains (losses) -all other | 66 |  |
| Total net unrealized investment gains (losses) | 289 | (4) |
| Amortization of defined benefit items: |  |  |
| Prior service cost | 22 | (5) |
| Actuarial gain (loss) | (147) | (5) |
| Total amortization of defined benefit items | (125) |  |
| Total reclassifications for the period | \$ 160 |  |

(1) All amounts are shown before tax.
(2) Positive amounts indicate gains/benefits reclassified out of AOCI. Negative amounts indicate losses/costs reclassified out of AOCI.
(3) See Note 21 for additional information on cash flow hedges.
(4) See table below for additional information on unrealized investment gains (losses), including the impact on deferred policy acquisition and other costs, future policy benefits and policyholders' dividends.
(5) See Note 18 for information on employee benefit plans.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

## Net Unrealized Investment Gains (Losses)

Net unrealized investment gains and losses on securities classified as available-for-sale and certain other long-term investments and other assets are included in the Company's Consolidated Statements of Financial Position as a component of AOCI. Changes in these amounts include reclassification adjustments to exclude from "Other comprehensive income (loss)" those items that are included as part of "Net income" for a period that had been part of "Other comprehensive income (loss)" in earlier periods. The amounts for the periods indicated below, split between amounts related to fixed maturity securities on which an OTTI loss has been recognized, and all other net unrealized investment gains and losses, are as follows:

## Net Unrealized Investment Gains and Losses on Fixed Maturity Securities on which an OTTI loss has been recognized

|  |  | Unrealized <br> s (Losses) vestments | Deferred <br> Policy <br> Acquisition <br> Costs, <br> Deferred <br> Sales <br> Inducements, <br> and <br> Value of <br> Business <br> Acquired | Future Policy Benefits and Policyholders' Account Balances | Policyholders' Dividends | Deferred Income Tax (Liability) Benefit | Accumulated Other Comprehensive Income (Loss) Related To Net Unrealized Investment Gains (Losses) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | (in mill | ions) |  |  |
| Balance, December 31, 2010 |  | (849) | \$ 18 | \$ (5) | \$ 334 | \$ 175 | \$(327) |
| Net investment gains (losses) on investments arising during the period |  | (474) |  |  |  | 166 | (308) |
| Reclassification adjustment for (gains) losses included in net income |  | 375 |  |  |  | (131) | 244 |
| Reclassification adjustment for OTTI losses excluded from net income(1) |  | (55) |  |  |  | 19 | (36) |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired |  |  | (5) |  |  | 2 | (3) |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  |  | 19 |  | (7) | 12 |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  |  | 132 | (46) | 86 |
| Balance, December 31, 2011 ............ |  | (1,003) | \$ 13 | \$ 14 | \$ 466 | \$ 178 | \$(332) |
| Net investment gains (losses) on investments arising during the period |  | 590 |  |  |  | (207) | 383 |
| Reclassification adjustment for (gains) losses included in net income |  | 312 |  |  |  | (109) | 203 |
| Reclassification adjustment for OTTI losses excluded from net income(1) |  | (93) |  |  |  | 33 | (60) |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired |  |  | (10) |  |  | 4 | (6) |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  |  | (11) |  | 5 | (6) |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  |  | (327) | 114 | (213) |
| Balance, December 31, 2012 |  | \$ (194) | 3 | \$ | \$ 139 | \$ 18 | \$ (31) |
| Net investment gains (losses) on investments arising during the period |  | 242 |  |  |  | (85) | 157 |
| Reclassification adjustment for (gains) losses included in net income |  | 70 |  |  |  | (25) | 45 |
| Reclassification adjustment for OTTI losses excluded from net income(1) |  | (8) |  |  |  | 3 | (5) |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired |  |  | (8) |  |  | 3 | (5) |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  |  | 1 |  |  | 1 |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  |  | (75) | 26 | (49) |
| Balance, December 31, 2013 ................. |  | \$ 110 | \$ (5) | \$ | \$ 64 | \$ (60) | \$ 113 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

(1) Represents "transfers in" related to the portion of OTTI losses recognized during the period that were not recognized in earnings for securities with no prior OTTI loss.

## All Other Net Unrealized Investment Gains and Losses in AOCI

|  | Net Unrealized <br> Gains (Losses) <br> on Investments(1) | Deferred Policy Acquisition Costs, <br> Deferred Sales <br> Inducements, and <br> Value of Business Acquired | Future Policy Benefits and Policyholders' Account Balances | Policyholders' Dividends | Deferred Income Tax (Liability) Benefit | $\begin{gathered} \text { Accumulated } \\ \text { Other } \\ \text { Comprehensive } \\ \text { Income (Loss) } \\ \text { Related To Net } \\ \text { Unrealized } \\ \text { Investment } \\ \text { Gains (Losses) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (in mil |  |  |  |
| Balance, December 31, 2010 | \$ 9,261 | \$ (766) | \$ (901) | \$(2,454) | \$(1,568) | \$ 3,572 |
| Net investment gains (losses) on investments arising during the period | 7,142 |  |  |  | $(2,449)$ | 4,693 |
| Reclassification adjustment for (gains) losses included in net income | (710) |  |  |  | 250 | (460) |
| Reclassification adjustment for OTTI losses excluded from net income(2) | 55 |  |  |  | (19) | 36 |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired |  | (413) |  |  | 141 | (272) |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  | (369) |  | 129 | (240) |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  | $(1,865)$ | 673 | $(1,192)$ |
| Balance, December 31, 2011 | \$15,748 | \$(1,179) | \$(1,270) | \$(4,319) | \$(2,843) | \$ 6,137 |
| Net investment gains (losses) on investments arising during the period | 9,586 |  |  |  | $(3,373)$ | 6,213 |
| Reclassification adjustment for (gains) losses included in net income | (276) |  |  |  | 97 | (179) |
| Reclassification adjustment for OTTI losses excluded from net income(2) | 93 |  |  |  | (32) | 61 |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired ..... . |  | (49) |  |  | 17 | (32) |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  | 126 |  | (43) | 83 |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  | $(1,308)$ | 458 | (850) |
| Balance, December 31, 2012 | \$25,151 | \$(1,228) | \$(1,144) | \$(5,627) | \$(5,719) | \$11,433 |
| Net investment gains (losses) on investments arising during the period | $(4,306)$ |  |  |  | 1,443 | $(2,863)$ |
| Reclassification adjustment for (gains) losses included in net income | (359) |  |  |  | 126 | (233) |
| Reclassification adjustment for OTTI losses excluded from net income(2) | 8 |  |  |  | (3) | 5 |
| Impact of net unrealized investment (gains) losses on deferred policy acquisition costs, deferred sales inducements and value of business acquired |  | 509 |  |  | (178) | 331 |
| Impact of net unrealized investment (gains) losses on future policy benefits and policyholders' account balances |  |  | 465 |  | (164) | 301 |
| Impact of net unrealized investment (gains) losses on policyholders' dividends |  |  |  | 1,933 | (676) | 1,257 |
| Balance, December 31, 2013 | \$20,494 | \$ (719) | \$ (679) | \$(3,694) | \$(5,171) | \$10,231 |

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 15. EQUITY (continued)

(1) Includes cash flow hedges. See Note 21 for information on cash flow hedges.
(2) Represents "transfers out" related to the portion of OTTI losses recognized during the period that were not recognized in earnings for securities with no prior OTTI loss.

## 16. EARNINGS PER SHARE

The Company has outstanding two separate classes of common stock. The Common Stock reflects the performance of the Financial Services Businesses and the Class B Stock reflects the performance of the Closed Block Business. Accordingly, earnings per share is calculated separately for each of these two classes of common stock.

Net income for the Financial Services Businesses and the Closed Block Business is determined in accordance with U.S. GAAP and includes general and administrative expenses charged to each of the respective businesses based on the Company's methodology for the allocation of such expenses. Cash flows between the Financial Services Businesses and the Closed Block Business related to administrative expenses are determined by a policy servicing fee arrangement that is based upon insurance and policies in force and statutory cash premiums. To the extent reported administrative expenses vary from these cash flow amounts, the differences are recorded, on an after tax basis, as direct equity adjustments to the equity balances of the businesses. The direct equity adjustments modify the earnings available to each of the classes of common stock for earnings per share purposes.

## Common Stock

A reconciliation of the numerators and denominators of the basic and diluted per share computations for the years ended December 31, is as follows:

(1) For the twelve months ended December 31, 2013, weighted average shares for basic earnings per share is also used for calculating diluted earnings per share because dilutive shares and dilutive earnings per share are not applicable when a loss from continuing operations is reported. As a result of the loss from continuing operations available to holders of Common Stock after direct equity adjustment for the twelve months ended December 31, 2013, all potential stock options and compensation programs were considered antidilutive.
(2) For the twelve months ended December 31, 2012, weighted average shares used for calculating diluted earnings per share excludes the potential shares that would be issued related to the exchangeable surplus notes since the hypothetical impact of these shares was antidilutive. In calculating diluted earnings per share under the if-converted method, the potential shares that would be issued related to the exchangeable surplus notes assuming a hypothetical exchange, weighted for the period the notes are outstanding, is added to the denominator, and interest expense, net of tax, is added to the numerator, if the overall effect is dilutive.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 16. EARNINGS PER SHARE (continued)

Unvested share-based payment awards that contain nonforfeitable rights to dividends are participating securities and included in the computation of earnings per share pursuant to the two-class method. Under this method, earnings of the Financial Services Businesses attributable to Prudential Financial, Inc. are allocated between Common Stock and the participating awards, as if the awards were a second class of stock. During periods of income from continuing operations available to holders of Common Stock after direct equity adjustment, the calculation of earnings per share exclude the income attributable to participating securities in the numerator and the dilutive impact of these securities from the denominator. In the event of loss from continuing operations available to holders of Common Stock after direct equity adjustment, undistributed earnings are not allocated to participating securities and the denominator excludes the dilutive impact of these securities as they do not share in the losses of the Company. Undistributed earnings allocated to participating unvested share-based payment awards for the years ended December 31, 2013, 2012 and 2011, as applicable, were based on 4.4 million, 4.6 million and 6.5 million of such awards, respectively, weighted for the period they were outstanding.

Stock options and shares related to deferred and long-term compensation programs that are considered antidilutive are excluded from the computation of dilutive earnings per share. Stock options are considered antidilutive based on application of the treasury stock method or in the event of loss from continuing operations available to holders of Common Stock after direct equity adjustment. Shares related to deferred and long-term compensation programs are considered antidilutive in the event of loss from continuing operations available to holders of Common Stock after direct equity adjustment. For the years ended December 31, the number of stock options and shares related to deferred and long-term compensation programs that were considered antidilutive and were excluded from the computation of diluted earnings per share, weighted for the portion of the period they were outstanding, are as follows:

|  | 2013 |  | 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shares | Exercise Price Per Share | $\underline{\text { Shares }}$ | Exercise Price Per Share | $\underline{\text { Shares }}$ | Exercise Price Per Share |
|  | (in millions, except per share amounts, based on weighted average) |  |  |  |  |  |
| Antidilutive stock options based on application of the treasury stock method | 6.6 | \$73.51 | 13.3 | \$69.80 | 10.8 | \$73.01 |
| Antidilutive stock options due to loss from continuing operations available to holders of Common Stock after direct equity adjustment | 12.2 |  | 0.0 |  | 0.0 |  |
| Antidilutive shares due to loss from continuing operations available to holders of Common |  |  |  |  |  |  |
| Stock after direct equity adjustment | 5.2 |  | 0.0 |  | 0.0 |  |
| Total antidilutive stock options and shares | 24.0 |  | 13.3 |  | 10.8 |  |

In September 2009, the Company issued $\$ 500$ million of surplus notes with an interest rate of $5.36 \%$ per annum which are exchangeable at the option of the note holders for shares of Common Stock. The initial exchange rate for the surplus notes was 10.1235 shares of Common Stock per each $\$ 1,000$ principal amount of surplus notes, which represents an initial exchange price per share of Common Stock of $\$ 98.78$; however, the exchange rate is subject to customary anti-dilution adjustments. In calculating diluted earnings per share under the if-converted method, the potential shares that would be issued assuming a hypothetical exchange, weighted for the period the notes are outstanding, are added to the denominator, and interest expense, net of tax, is added to the numerator, if the overall effect is dilutive.

As discussed in Note 15, Prudential Financial may, at its option, at any time, subject to a notification period, exchange all outstanding shares of Class B Stock into such number of shares of Common Stock as have an aggregate average market value equal to $120 \%$ of the appraised fair market value of the outstanding shares of Class B Stock. Holders of Class B Stock will be permitted to convert their shares of Class B Stock into such number of shares of Common Stock as have an aggregate average market value equal to $100 \%$ of the appraised fair market value of the outstanding shares of Class B Stock in the holder's sole discretion, beginning on January 1, 2016, or earlier upon certain specified events. Any conversion may have a dilutive effect on holders of Common Stock.

## Class B Stock

Income from continuing operations per share of Class B Stock for the years ended December 31, are presented below. There are no potentially dilutive shares associated with the Class B Stock.

|  | 2013 |  |  | 2012 |  |  | 2011 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Income | Weighted Average Shares | Per Share Amount | Income | Weighted Average Shares | Per Share Amount | Income | Weighted Average Shares | Per Share Amount |
|  | (in millions, except per share amounts) |  |  |  |  |  |  |  |  |
| Basic earnings per share |  |  |  |  |  |  |  |  |  |
| Income (loss) from continuing operations attributable to the Closed Block Business | \$46 |  |  | \$43 |  |  | \$146 |  |  |
| Less: Direct equity adjustment | 2 |  |  | 20 |  |  | 24 |  |  |
| Income (loss) from continuing operations attributable to the Closed Block Business available to holders of Class B Stock after direct equity adjustment | \$44 | 20 | \$22.00 | \$23 | 20 | \$1150 | \$122 | 20 | \$61.00 |
|  | \$44 | 2.0 | \$22.00 | \$23 | 2.0 | $\underline{\$ 11.50}$ | \$122 | 2.0 | \$61.00 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 17. SHARE-BASED PAYMENTS

## Omnibus Incentive Plan

The Prudential Financial, Inc. Omnibus Incentive Plan (as subsequently amended and restated, the "Omnibus Plan") provides stock based awards including stock options, stock appreciation rights, restricted stock shares, restricted stock units, stock settled performance shares, and cash settled performance units. Dividend equivalents are generally provided on restricted stock shares and restricted stock units outstanding as of the record date. Dividend equivalents are generally accrued on target performance shares and units outstanding as of the record date. These dividend equivalents are paid only on the shares and units released up to a maximum of the target number of shares and units awarded. Generally, the requisite service period is the vesting period. As of December 31, 2013, 14,220,662 authorized shares remain available for grant under the Omnibus Plan.

## Compensation Costs

Compensation cost for employee stock options is based on the fair values estimated on the grant date, using the approach and assumptions described below. Compensation cost for restricted stock units, performance shares and performance units granted to employees is measured by the share price of the underlying Common Stock at the date of grant.

The fair value of each stock option award is estimated using a binomial option-pricing model on the date of grant for stock options issued to employees. The weighted average grant date assumptions used in the binomial option valuation model are as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
| Expected volatility | 36.44\% | 41.80\% | 39.86\% |
| Expected dividend yield | 3.00\% | 3.00\% | 2.00\% |
| Expected term | 5.52 years | 5.44 years | 5.28 years |
| Risk-free interest rate | 1.01\% | 0.93\% | 2.48\% |

Expected volatilities are based on historical volatility of the Company's Common Stock and implied volatilities from traded options on the Company's Common Stock. The Company uses historical data and expectations of future exercise patterns to estimate option exercises and employee terminations within the valuation model. The expected term of options granted represents the period of time that options granted are expected to be outstanding. The risk-free rate for periods associated with the expected term of the option is based on the U.S. Treasury yield curve in effect at the time of grant.

The following chart summarizes the compensation cost recognized and the related income tax benefit for stock options, restricted stock units, performance shares and performance units for the years ended December 31:

|  | 2013 |  | 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Compensation Cost Recognized | Income Tax Benefit | TotalCompensation Cost <br> Recognized | Income Tax Benefit | Total Compensation Cost Recognized | Income Tax Benefit |
|  | (in millions) |  |  |  |  |  |
| Employee stock options | \$ 43 | \$15 | \$ 45 | \$16 | \$ 44 | \$16 |
| Employee restricted stock units | 88 | 32 | 84 | 30 | 83 | 30 |
| Employee performance shares and performance units | 86 | 31 | 26 | 9 | 14 | 5 |
| Total | \$217 | \$78 | \$155 | \$55 | \$141 | \$51 |

Compensation costs for all stock based compensation plans capitalized in deferred acquisition costs for the years ended December 31, 2013, 2012 and 2011 were de minimis.

## Stock Options

Each stock option granted has an exercise price no less than the fair market value of the Company's Common Stock on the date of grant and has a maximum term of 10 years. Generally, one third of the option grant vests in each of the first three years.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 17. SHARE-BASED PAYMENTS (continued)

A summary of the status of the Company's stock option grants is as follows:

|  | Employee Stock Options |  |
| :---: | :---: | :---: |
|  | Shares | Weighted Average Exercise Price |
| Outstanding at December 31, 2012 | 18,617,380 | \$60.59 |
| Granted | 3,094,117 | 57.16 |
| Exercised | $(5,662,522)$ | 50.82 |
| Forfeited | $(83,243)$ | 58.83 |
| Expired | $(971,283)$ | 72.81 |
| Outstanding at December 31, 2013 | 14,994,449 | \$62.79 |
| Vested and expected to vest at December 31, 2013 | 14,782,007 | \$62.87 |
| Exercisable at December 31, 2013 | 9,491,924 | \$65.16 |

The weighted average grant date fair value of employee stock options granted during the years ended December 31, 2013, 2012 and 2011 was $\$ 13.72, \$ 16.36$ and $\$ 20.21$, respectively.

The total intrinsic value (i.e., market price of the stock less the option exercise price) of employee stock options exercised during the years ended December 31, 2013, 2012 and 2011 was $\$ 146$ million, $\$ 66$ million, and $\$ 49$ million, respectively.

The weighted average remaining contractual term and the aggregate intrinsic value of stock options outstanding, vested and expected to vest and exercisable as of December 31, 2013 is as follows:

|  | December | , 2013 |
| :---: | :---: | :---: |
|  | Employee St | Options |
|  | Weighted Average Remaining Contractual Term | Aggregate Intrinsic Value |
|  | (in years) | (in millions) |
| Outstanding | 5.61 | \$441 |
| Vested and expected to vest | 5.56 | \$434 |
| Exercisable | 4.08 | \$257 |

## Restricted Stock Units, Performance Share Awards and Performance Unit Awards

A restricted stock unit is an unfunded, unsecured right to receive a share of Common Stock at the end of a specified period of time, which is subject to forfeiture and transfer restrictions. Generally, the restrictions will lapse on the third anniversary of the date of grant. Performance shares and performance units are awards denominated in Common Stock. The number of units is determined over the performance period, and may be adjusted based on the satisfaction of certain performance goals. Performance share awards are payable in Common Stock. Performance unit awards are payable in cash.

A summary of the Company's restricted stock units and performance shares and performance unit awards is as follows:

|  | Restricted Stock Units | Weighted Average Grant Date Fair Value | Performance Share and Performance Unit Awards(1) | Weighted Average Grant Date Fair Value |
| :---: | :---: | :---: | :---: | :---: |
| Restricted at December 31, 2012(2) | 4,367,161 | \$56.87 | 933,372 | \$53.33 |
| Granted(2) | 1,613,079 | 57.94 | 392,220 | 92.22 |
| Forfeited | $(124,883)$ | 58.69 | $(15,438)$ | 63.77 |
| Performance adjustment(3) |  |  | 38,370 | 57.00 |
| Released | $\underline{(1,491,251)}$ | 48.92 | $(335,534)$ | 57.00 |
| Restricted at December 31, 2013(2) | 4,364,106 | \$59.93 | 1,012,990 | \$92.22 |

[^5]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 17. SHARE-BASED PAYMENTS (continued)

(2) For performance share and performance unit awards issued after January 1, 2010, the grant date is the same as the date the grant vests. The features of the grant are such that a mutual understanding of the key terms and conditions of the award between the employee and employer have not been reached until the grant is vested. Consequently, the weighted average grant date fair value as of December 31, 2013 and December 31, 2012 is the year end closing stock price of Prudential Financial's common stock.
(3) Represents the change in shares issued based upon the attainment of performance goals for the Company's Financial Services Businesses.

The fair market value of restricted stock units, performance shares and performance units released for the years ended December 31, 2013, 2012 and 2011 was $\$ 106$ million, $\$ 196$ million and $\$ 75$ million, respectively.

The weighted average grant date fair value for restricted stock units granted during the years ended December 31, 2013, 2012 and 2011 was $\$ 57.94, \$ 58.89$ and $\$ 63.39$, respectively. The weighted average grant date fair value for performance shares and performance units granted during the years ended December 31, 2013, 2012 and 2011 was $\$ 92.22, \$ 53.33$ and $\$ 50.12$, respectively.

The number of restricted stock units, performance shares and performance units expected to vest at December 31, 2013 is 5,346,669.

## Unrecognized Compensation Cost

Unrecognized compensation cost for stock options as of December 31, 2013 was $\$ 17$ million with a weighted average recognition period of 1.61 years. Unrecognized compensation cost for restricted stock units, performance shares and performance units as of December 31, 2013 was $\$ 84$ million with a weighted average recognition period of 1.66 years.

## Tax Benefits Realized

The tax benefit realized for exercises of stock options during the years ended December 31, 2013, 2012 and 2011 was $\$ 51$ million, $\$ 21$ million and $\$ 18$ million, respectively.

The tax benefit realized upon vesting of restricted stock units, performance shares and performance units for the years ended December 31, 2013, 2012 and 2011 was $\$ 38$ million, $\$ 69$ million and $\$ 26$ million, respectively.

## Settlement of Awards

The Company's policy is to issue shares from Common Stock held in treasury upon exercise of stock options, the release of restricted stock units and performance shares. The Company began settling performance units in cash beginning in 2013. The amount of cash used to settle performance units in 2013 was $\$ 10$ million.

## 18. EMPLOYEE BENEFIT PLANS

## Pension and Other Postretirement Plans

The Company has funded and non-funded non-contributory defined benefit pension plans, which cover substantially all of its employees. For some employees, benefits are based on final average earnings and length of service, while benefits for other employees are based on an account balance that takes into consideration age, service and earnings during their career.

The Company provides certain health care and life insurance benefits for its retired employees, their beneficiaries and covered dependents ("other postretirement benefits"). The health care plan is contributory; the life insurance plan is non-contributory. Substantially all of the Company's U.S. employees may become eligible to receive other postretirement benefits if they retire after age 55 with at least 10 years of service or under certain circumstances after age 50 with at least 20 years of continuous service. The Company has elected to amortize its transition obligation for other postretirement benefits over 20 years.

On December 6, 2013, the Company transferred $\$ 340$ million of assets within the qualified pension plan under Section 420 of the Internal Revenue Code from assets supporting pension benefits to assets supporting retiree medical and life benefits. The transfer resulted in a reduction to the prepaid benefit cost for the qualified pension plan and an offsetting decrease in the accrued benefit liability for the postretirement plan with no net effect on stockholders' equity on the Company's consolidated financial position. The transfer had no impact on the Company's consolidated results of operations, but will reduce the future cash contributions required to be made to the postretirement plan.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

Prepaid benefits costs and accrued benefit liabilities are included in "Other assets" and "Other liabilities," respectively, in the Company's Consolidated Statements of Financial Position. The status of these plans as of December 31, 2013 and 2012 is summarized below:

|  | Pension Benefits |  | Other <br> Postretirement Benefits |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2013 | 2012 |
|  | (in millions) |  |  |  |
| Change in benefit obligation |  |  |  |  |
| Benefit obligation at the beginning of period | \$(12,042) | \$(11,113) | \$(2,372) | \$(2,277) |
| Acquisition/Divestiture | 0 | 0 | (3) | 0 |
| Service cost | (252) | (243) | (17) | (14) |
| Interest cost | (437) | (474) | (89) | (101) |
| Plan participants' contributions | 0 | 0 | (28) | (27) |
| Medicare Part D subsidy receipts | 0 | 0 | (12) | (18) |
| Amendments | (2) | 62 | 0 | 0 |
| Annuity purchase | 1 | 1 | 0 | 0 |
| Actuarial gains/(losses), net | 844 | $(1,098)$ | 220 | (134) |
| Settlements | 5 | 120 | 0 | 0 |
| Special termination benefits | (2) | (8) | 0 | 0 |
| Benefits paid | 691 | 599 | 200 | 200 |
| Foreign currency changes and other | 308 | 112 | (1) | (1) |
| Benefit obligation at end of period | \$(10,886) | \$(12,042) | \$(2,102) | \$(2,372) |
| Change in plan assets |  |  |  |  |
| Fair value of plan assets at beginning of period | \$ 12,686 | \$ 11,812 | \$ 1,329 | \$ 1,344 |
| Actual return on plan assets | 266 | 1,097 | 244 | 140 |
| Annuity purchase | (1) | (1) | 0 | 0 |
| Employer contributions | 206 | 496 | 18 | 18 |
| Plan participants' contributions | 0 | 0 | 28 | 27 |
| Disbursement for settlements | (5) | (120) | 0 | 0 |
| Benefits paid | (691) | (599) | (200) | (200) |
| Foreign currency changes and other | (52) | 1 | (14) | 0 |
| Effect of Section 420 transfer | (340) | 0 | 340 | 0 |
| Fair value of plan assets at end of period | \$ 12,069 | \$ 12,686 | \$ 1,745 | \$ 1,329 |
| Funded status at end of period | \$ 1,183 | \$ 644 | \$ (357) | \$(1,043) |
| Amounts recognized in the Statements of Financial Position |  |  |  |  |
| Prepaid benefit cost | \$ 3,354 | \$ 3,130 | \$ 0 | \$ 0 |
| Accrued benefit liability | $(2,171)$ | $(2,486)$ | (357) | $(1,043)$ |
| Net amount recognized | \$ 1,183 | \$ 644 | \$ (357) | \$(1,043) |
| Items recorded in "Accumulated other comprehensive income (loss)" not yet recognized as a component of net periodic (benefit) cost: |  |  |  |  |
| Transition obligation | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Prior service cost | (56) | (81) | (19) | (30) |
| Net actuarial loss | 2,065 | 2,548 | 463 | 893 |
| Net amount not recognized | \$ 2,009 | \$ 2,467 | \$ 444 | \$ 863 |
| Accumulated benefit obligation | \$(10,374) | \$(11,502) | \$(2,102) | \$(2,372) |

In addition to the plan assets above, the Company in 2007 established an irrevocable trust, commonly referred to as a "rabbi trust," for the purpose of holding assets of the Company to be used to satisfy its obligations with respect to certain non-qualified retirement plans ( $\$ 918$ million and $\$ 998$ million benefit obligation at December 31, 2013 and 2012, respectively). Assets held in the rabbi trust are available to the general creditors of the Company in the event of insolvency or bankruptcy. The Company may from time to time in its discretion make contributions to the trust to fund accrued benefits payable to participants in one or more of the plans, and, in the case of a change in control of the Company, as defined in the trust agreement, the Company will be required to make contributions to the trust to fund the accrued benefits, vested and unvested, payable on a pretax basis to participants in the plans. The Company made a discretionary payment of $\$ 95$ million and $\$ 0$ million to the trust in 2013 and 2012, respectively. As of December 31, 2013 and 2012, the assets in the trust had a carrying value of $\$ 561$ million and $\$ 445$ million, respectively.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

The Company also maintains a separate rabbi trust for the purpose of holding assets of the Company to be used to satisfy its obligations with respect to certain other non-qualified retirement plans ( $\$ 73$ million and $\$ 80$ million benefit obligation at December 31, 2013 and 2012, respectively), as well as certain cash-based deferred compensation arrangements. As of December 31, 2013 and 2012, the assets in the trust had a carrying value of $\$ 116$ million and $\$ 135$ million, respectively.

Pension benefits for foreign plans comprised $16 \%$ of the ending benefit obligation for both 2013 and 2012, respectively. Foreign pension plans comprised $5 \%$ of the ending fair value of plan assets for both 2013 and 2012. There are no material foreign postretirement plans.

Information for pension plans with a projected benefit obligation in excess of plan assets

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in m | ons) |
| Projected benefit obligation | \$2,457 | \$2,820 |
| Fair value of plan assets | \$ 286 | \$ 334 |

## Information for pension plans with an accumulated benefit obligation in excess of plan assets

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  |  | ions) |
| Accumulated benefit obligation | \$2,258 | \$2,603 |
| Fair value of plan assets | \$ 258 | \$ 311 |

In 2013 and 2012 the pension plans purchased annuity contracts from Prudential Insurance for $\$ 1$ million. The approximate future annual benefit payment payable by Prudential Insurance for all annuity contracts was $\$ 21$ million and $\$ 18$ million as of December 31, 2013 and 2012, respectively.

There were pension plan amendments in 2013 and 2012. In 2013 the benefit obligation for pension benefits increased $\$ 2$ million for immediately vesting employees due to the Section 420 transfer. In 2012 the benefit obligation for pension benefits decreased $\$ 62$ million to reduce future pension benefits associated with the cash balance feature of certain domestic plans and changes in benefit structures for Japanese plans. There were no postretirement plan amendments in 2013 and 2012.

## Components of Net Periodic Benefit Cost

The Company uses market related value to determine components of net periodic (benefit) cost. Market related value recognizes certain changes in fair value of plan assets over a period of five years. Changes in the fair value of U.S Equities, International Equities, Real Estate and Other Assets are recognized over a five year period. However, the fair value for Fixed Maturity assets (including short term investments) are recognized immediately for the purposes of market related value.

Net periodic (benefit) cost included in "General and administrative expenses" in the Company's Consolidated Statements of Operations for the years ended December 31, includes the following components:

|  |  | ion Ben |  |  | Postreti Benefit | ment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 | 2013 | 2012 | 2011 |
|  |  |  | (in m | ons) |  |  |
| Service cost | \$ 252 | \$ 243 | \$ 218 | \$ 17 | \$ 14 | \$ 11 |
| Interest cost | 437 | 474 | 486 | 89 | 101 | 110 |
| Expected return on plan assets | (769) | (809) | (756) | (87) | (87) | (98) |
| Amortization of transition obligation | 0 | 0 | 0 | 0 | 1 | 1 |
| Amortization of prior service cost | (10) | 13 | 23 | (12) | (12) | (12) |
| Amortization of actuarial (gain) loss, net | 91 | 45 | 40 | 56 | 54 | 36 |
| Settlements | 0 | 9 | 5 | 0 | 0 | 0 |
| Curtailments | 0 | 0 | (18) | 0 | 0 | 0 |
| Special termination benefits(1) | 2 | 7 | 4 | 0 | 0 | 0 |
| Net periodic (benefit) $\operatorname{cost}(2)$ | \$ 3 | \$ (18) | \$ 2 | \$63 | \$ 71 | \$ 48 |

[^6]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

## Changes in Accumulated Other Comprehensive Income

The amounts recorded in "Accumulated other comprehensive income (loss)" as of the end of the period, which have not yet been recognized as a component of net periodic (benefit) cost, and the related changes in these items during the period that are recognized in "Other Comprehensive Income" are as follows:

|  | Pension Benefits |  |  | Other Postretirement |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Transition Obligation | Prior Service Cost | $\begin{gathered} \text { Net } \\ \text { Actuarial (Gain) } \\ \text { Loss } \end{gathered}$ | Transition Obligation | Prior Service Cost | $\begin{gathered} \text { Net } \\ \text { Actuarial (Gain) } \\ \text { Loss } \end{gathered}$ |
|  | (in millions) |  |  |  |  |  |
| Balance, December 31, 2010 | \$0 | \$ 87 | \$1,674 | \$ 1 | \$(54) | \$ 622 |
| Amortization for the period | 0 | (23) | (40) | (1) | 12 | (36) |
| Deferrals for the period | 0 | (72) | 187 | 0 | 0 | 277 |
| Impact of foreign currency changes and other | 0 | (1) | (6) | 1 | 0 | (2) |
| Balance, December 31, 2011 | 0 | (9) | 1,815 | 1 | (42) | 861 |
| Amortization for the period | 0 | (13) | (45) | (1) | 12 | (54) |
| Deferrals for the period | 0 | (62) | 810 | 0 | 0 | 81 |
| Impact of foreign currency changes and other | 0 | 3 | (32) | 0 | 0 | 5 |
| Balance, December 31, 2012 | 0 | (81) | 2,548 | 0 | (30) | 893 |
| Amortization for the period | 0 | 10 | (91) | 0 | 12 | (56) |
| Deferrals for the period | 0 | 2 | (341) | 0 | 0 | (377) |
| Impact of foreign currency changes and other | 0 | 13 | (51) | 0 | (1) | 3 |
| Balance, December 31, 2013 | \$0 | \$(56) | \$2,065 | \$ 0 | \$(19) | \$ 463 |

The amounts included in "Accumulated other comprehensive income (loss)" expected to be recognized as components of net periodic (benefit) cost in 2014 are as follows:

|  | Pension Benefits | Other <br> Postretirement Benefits |
| :---: | :---: | :---: |
|  |  | nillions) |
| Amortization of prior service cost | \$(10) | \$(11) |
| Amortization of actuarial (gain) loss, net | 86 | 25 |
| Total | \$ 76 | \$ 14 |

The Company's assumptions related to the calculation of the domestic benefit obligation (end of period) and the determination of net periodic (benefit) cost (beginning of period) are presented in the table below:

|  | Pension Benefits |  |  | Other Postretirement Benefits |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 | 2013 | 2012 | 2011 |
| Weighted-average assumptions |  |  |  |  |  |  |
| Discount rate (beginning of period) | 4.05\% | 4.85\% | 5.60\% | 3.85\% | 4.60\% | 5.35\% |
| Discount rate (end of period) | 4.95\% | 4.05\% | 4.85\% | 4.75\% | 3.85\% | 4.60\% |
| Rate of increase in compensation levels (beginning of period) | 4.50\% | 4.50\% | 4.50\% | N/A | N/A | N/A |
| Rate of increase in compensation levels (end of period) | 4.50\% | 4.50\% | 4.50\% | N/A | N/A | N/A |
| Expected return on plan assets (beginning of period) | 6.25\% | 6.75\% | 7.00\% | 7.00\% | 7.00\% | 7.00\% |
| Health care cost trend rates (beginning of period) | N/A | N/A | N/A | 5.00-7.50\% | 5.00-7.50\% | 5.00-7.50\% |
| Health care cost trend rates (end of period) | N/A | N/A | N/A | 5.00-7.08\% | 5.00-7.50\% | 5.00-7.50\% |
| For 2013, 2012 and 2011, the ultimate health care cost trend rate after gradual decrease until: 2019, 2017, 2017, (beginning of period) . | N/A | N/A | N/A | 5.00\% | 5.00\% | 5.00\% |
| For 2013, 2012 and 2011, the ultimate health care cost trend rate after gradual decrease until: 2019, 2019, 2017 (end of period) | N/A | N/A | N/A | 5.00\% | 5.00\% | 5.00\% |

The domestic discount rate used to value the pension and postretirement obligations at December 31, 2013 and December 31, 2012 is based upon the value of a portfolio of Aa investments whose cash flows would be available to pay the benefit obligation's cash flows when due. The portfolio is selected from a compilation of approximately 515 Aa -rated bonds across the full range of maturities. Since yields can vary widely at each maturity point, the Company generally avoids using the highest and lowest yielding bonds at the maturity points, so as

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

to avoid relying on bonds that might be mispriced or misrated. This refinement process generally results in having a distribution from the 10th to 90 th percentile. The Aa portfolio is then selected and, accordingly, its value is a measure of the benefit obligation at December 31, 2013 and December 31, 2012. A single equivalent discount rate is calculated to equate the value of the Aa portfolio to the cash flows for the benefit obligation. The result is rounded to the nearest 5 basis points and the benefit obligation is recalculated using the rounded discount rate.

The pension and postretirement expected long-term rates of return on plan assets for 2013 were determined based upon an approach that considered an expectation of the allocation of plan assets during the measurement period of 2013. Expected returns are estimated by asset class as noted in the discussion of investment policies and strategies below. Expected returns on asset classes are developed using a building-block approach that is forward looking and are not strictly based upon historical returns. The building blocks for equity returns include inflation, real return, a term premium, an equity risk premium, capital appreciation, effect of active management, expenses and the effect of rebalancing. The building blocks for fixed maturity returns include inflation, real return, a term premium, credit spread, capital appreciation, effect of active management, expenses and the effect of rebalancing.

The Company applied the same approach to the determination of the expected rate of return on plan assets in 2014. The expected rate of return for 2014 is $6.25 \%$ and $7.00 \%$ for pension and postretirement, respectively.

The assumptions for foreign pension plans are based on local markets. There are no material foreign postretirement plans.
Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plan. A one-percentage point increase and decrease in assumed health care cost trend rates would have the following effects:

|  | Other Postretirement Benefits |
| :---: | :---: |
|  | (in millions) |
| One percentage point increase |  |
| Increase in total service and interest costs | \$ 8 |
| Increase in postretirement benefit obligation | 151 |
| One percentage point decrease |  |
| Decrease in total service and interest costs . | \$ 6 |
| Decrease in postretirement benefit obligation | 121 |

## Plan Assets

The investment goal of the domestic pension plan assets is to generate an above benchmark return on a diversified portfolio of stocks, bonds and other investments. The cash requirements of the pension obligation, which include a traditional formula principally representing payments to annuitants and a cash balance formula that allows lump sum payments and annuity payments, are designed to be met by the bonds and short term investments in the portfolio. The pension plan risk management practices include guidelines for asset concentration, credit rating and liquidity. The pension plan does not invest in leveraged derivatives. Derivatives such as futures contracts are used to reduce transaction costs and change asset concentration, while interest rate swaps and futures are used to adjust duration.

The investment goal of the domestic postretirement plan assets is to generate an above benchmark return on a diversified portfolio of stocks, bonds, and other investments, while meeting the cash requirements for the postretirement obligation that includes a medical benefit including prescription drugs, a dental benefit, and a life benefit. The postretirement plans risk management practices include guidelines for asset concentration, credit rating, liquidity, and tax efficiency. The postretirement plan does not invest in leveraged derivatives. Derivatives such as futures contracts are used to reduce transaction costs and change asset concentration, while interest rate swaps and futures are used to adjust duration.

The plan fiduciaries for the Company's pension and postretirement plans have developed guidelines for asset allocations reflecting a percentage of total assets by asset class, which are reviewed on an annual basis. Asset allocation targets as of December 31, 2013 are as follows:

|  | Pension |  | Postretirement |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Minimum | Maximum | Minimum | Maximum |
| Asset Category |  |  |  |  |
| U.S. Equities | 4\% | 19\% | 42\% | 55\% |
| International Equities | 4\% | 20\% | 1\% | 9\% |
| Fixed Maturities | 51\% | 70\% | 1\% | 46\% |
| Short-term Investments | 0\% | 14\% | 0\% | 51\% |
| Real Estate . . . . | 2\% | 11\% | 0\% | 0\% |
| Other | 0\% | 14\% | 0\% | 0\% |

To implement the investment strategy, plan assets are invested in funds that primarily invest in securities that correspond to one of the asset categories under the investment guidelines. However, at any point in time, some of the assets in a fund may be of a different nature than the specified asset category.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

Assets held with Prudential Insurance are in either pooled separate accounts or single client separate accounts. Pooled separate accounts hold assets for multiple investors. Each investor owns a "unit of account." Single client separate accounts hold assets for only one investor, the domestic qualified pension plan and each security in the fund is treated as individually owned. Assets held with a bank are either in common/collective trusts or single client trusts. Common or collective trusts hold assets for more than one investor. Each investor owns a "unit of account." Single client trusts hold assets for only one investor, the domestic qualified pension plan and each security in the fund is treated as individually owned.

There were no investments in Prudential Financial Common Stock as of December 31, 2013 and December 31, 2012 for either the pension or postretirement plans.

The authoritative guidance around fair value established a framework for measuring fair value. Fair value is disclosed using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value, as described in Note 20.

The following describes the valuation methodologies used for pension and postretirement plans assets measured at fair value.
Insurance Company Pooled Separate Accounts, Common or Collective Trusts, and United Kingdom Insurance Pooled FundsInsurance company pooled separate accounts are invested via group annuity contracts issued by Prudential Insurance. Assets are represented by a "unit of account." The redemption value of those units is based on a per unit value whose value is the result of the accumulated values of underlying investments. The underlying investments are valued in accordance with the corresponding valuation method for the investments held.

Equities-See Note 20 for a discussion of the valuation methodologies for equity securities.
U.S. Government Securities (both Federal and State \& Other), Non-U.S. Government Securities, and Corporate Debt—See Note 20 for a discussion of the valuation methodologies for fixed maturity securities.

Interest Rate Swaps-See Note 20 for a discussion of the valuation methodologies for derivative instruments.
Guaranteed Investment Contract-The value is based on contract cash flows and available market rates for similar investments.
Registered Investment Companies (Mutual Funds)—Securities are priced at the net asset value ("NAV") of shares.
Unrealized Gain (Loss) on Investment of Securities Lending Collateral-This value is the contractual position relative to the investment of securities lending collateral.

Real Estate-The values are determined through an independent appraisal process. The estimate of fair value is based on three approaches; (1) current cost of reproducing the property less deterioration and functional/economic obsolescence; (2) discounting a series of income streams and reversion at a specific yield or by directly capitalizing a single year income estimate by an appropriate factor; and (3) value indicated by recent sales of comparable properties in the market. Each approach requires the exercise of subjective judgment.

Short-term Investments-Securities are valued initially at cost and thereafter adjusted for amortization of any discount or premium (i.e., amortized cost). Amortized cost approximates fair value.

Partnerships-The value of interests owned in partnerships is based on valuations of the underlying investments that include private placements, structured debt, real estate, equities, fixed maturities, commodities and other investments.

Hedge Funds-The value of interests in hedge funds is based on the underlying investments that include equities, debt and other investments.

Variable Life Insurance Policies-These assets are held in group and individual variable life insurance policies issued by Prudential Insurance. Group policies are invested in Insurance Company Pooled Separate Accounts. Individual policies are invested in Registered Investment Companies (Mutual Funds). The value of interest in these policies is the cash surrender value of the policies based on the underlying investments.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

Pension plan asset allocations in accordance with the investment guidelines are as follows:

|  | As of December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Total |
|  | (in millions) |  |  |  |
| U.S. Equities: |  |  |  |  |
| Pooled separate accounts(1) | \$ 0 | \$1,170 | \$ 0 | \$ 1,170 |
| Common/collective trusts(1) | 0 | 81 | 0 | 81 |
| Subtotal |  |  |  | 1,251 |
| International Equities: |  |  |  |  |
| Pooled separate accounts(2) | 0 | 349 | 0 | 349 |
| Common/collective trusts(3) | 0 | 40 | 0 | 40 |
| United Kingdom insurance pooled funds(4) | 0 | 50 | 0 | 50 |
| Subtotal |  |  |  | 439 |
| Fixed Maturities: |  |  |  |  |
| Pooled separate accounts(5) | 0 | 1,085 | 32 | 1,117 |
| Common/collective trusts(6) | 0 | 506 | 0 | 506 |
| U.S. government securities (federal): |  |  |  |  |
| Mortgage-backed | 0 | 2 | 0 | 2 |
| Other U.S. government securities | 0 | 1,005 | 0 | 1,005 |
| U.S. government securities (state \& other) | 0 | 636 | 0 | 636 |
| Non-U.S. government securities | 0 | 17 | 0 | 17 |
| United Kingdom insurance pooled funds(7) | 0 | 266 | 0 | 266 |
| Corporate Debt: |  |  |  |  |
| Corporate bonds(8) | 0 | 3,660 | 16 | 3,676 |
| Asset-backed | 0 | 24 | 0 | 24 |
| Collateralized Mortgage Obligations(9) | 0 | 137 | 0 | 137 |
| Interest rate swaps (Notional amount: \$623) | 0 | (3) | 0 | (3) |
| Guaranteed investment contract | 0 | 28 | 0 | 28 |
| Other(10) | 717 | 0 | 66 | 783 |
| Unrealized gain (loss) on investment of securities lending collateral(11) | 0 | (39) | 0 | (39) |
| Subtotal |  |  |  | 8,155 |
| Short-term Investments: |  |  |  |  |
| Pooled separate accounts | 0 | 78 | 0 | 78 |
| United Kingdom insurance pooled funds | 0 | 1 | 0 | 1 |
| Subtotal |  |  |  | 79 |
| Real Estate: |  |  |  |  |
| Pooled separate accounts(12) | 0 | 0 | 356 | 356 |
| Partnerships . | 0 | 0 | 320 | 320 |
| Subtotal |  |  |  | 676 |
| Other: |  |  |  |  |
| Partnerships . | 0 | 0 | 374 | 374 |
| Hedge funds | 0 | 0 | 1,095 | 1,095 |
| Subtotal |  |  |  | 1,469 |
| Total | \$717 | \$9,093 | \$2,259 | \$12,069 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

|  |  | of Decem | er 31, 20 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Total |
|  |  | (in mil | lions) |  |
| U.S. Equities: |  |  |  |  |
| Pooled separate accounts(1) |  | \$ 1,143 | \$ 0 | \$ 1,143 |
| Common/collective trusts(1) | 0 | 82 | 0 | 82 |
| Subtotal |  |  |  | 1,225 |
| International Equities: |  |  |  |  |
| Pooled separate accounts(2) | 0 | 278 | 0 | 278 |
| Common/collective trusts(3) | 0 | 103 | 0 | 103 |
| United Kingdom insurance pooled funds(4) | 0 | 69 | 0 | 69 |
| Subtotal... |  |  |  | 450 |
| Fixed Maturities: |  |  |  |  |
| Pooled separate accounts(5) | 0 | 1,076 | 32 | 1,108 |
| Common/collective trusts(6) | 0 | 567 | 0 | 567 |
| U.S. government securities (federal): |  |  |  |  |
| Mortgage-backed . | 0 | 3 | 0 | 3 |
| Other U.S. government securities . | 0 | 1,154 | 0 | 1,154 |
| U.S. government securities (state \& other) | 0 | 747 | 0 | 747 |
| Non-U.S. government securities | 0 | 14 | 0 | 14 |
| United Kingdom insurance pooled funds(7) | 0 | 221 | 0 | 221 |
| Corporate Debt: |  |  |  |  |
| Corporate bonds(8) | 0 | 3,882 | 12 | 3,894 |
| Asset-backed | 0 | 17 | 0 | 17 |
| Collateralized Mortgage Obligations(9) | 0 | 293 | 0 | 293 |
| Interest rate swaps (Notional amount: \$978) | 0 | (4) | 0 | (4) |
| Guaranteed investment contract | 0 | 22 | 0 | 22 |
| Other(10) ..... | 735 | (4) | 58 | 789 |
| Unrealized gain (loss) on investment of securities lending collateral(13) | 0 | (44) | 0 | (44) |
| Subtotal. |  |  |  | 8,781 |
| Short-term Investments: |  |  |  |  |
| Pooled separate accounts ..... | 0 | 418 | 0 | 418 |
| United Kingdom insurance pooled funds | 0 | 0 | 0 | 0 |
| Subtotal. |  |  |  | 418 |
| Real Estate: |  |  |  |  |
| Pooled separate accounts(12) | 0 | 0 | 322 | 322 |
| Partnerships ...... | 0 | 0 | 185 | 185 |
| Subtotal . |  |  |  | 507 |
| Other: |  |  |  |  |
| Partnerships | 0 | 0 | 598 | 598 |
| Hedge funds | 0 | 0 | 707 | 707 |
| Subtotal . |  |  |  | 1,305 |
| Total | \$735 | \$10,037 | \$1,914 | \$12,686 |

(1) These categories invest in U.S. equity funds whose objective is to track or outperform various indexes.
(2) This category invests in a large cap international equity funds whose objective is to track an index.
(3) This category invests in international equity funds, primarily large cap, whose objective is to outperform various indexes.
(4) This category invests in an international equity fund whose objective is to track an index.
(5) This category invests in bond funds, primarily highly rated private placement securities.
(6) This category invests in bond funds, primarily highly rated public securities whose objective is to outperform an index.
(7) This category invests in bond funds, primarily highly rated corporate securities.
(8) This category invests in highly rated corporate securities.
(9) This category invests in highly rated Collateralized Mortgage Obligations.
(10) Primarily cash and cash equivalents, short term investments, payables and receivables, and open future contract positions (including fixed income collateral).
(11) The contractual net value of the investment of securities lending collateral invested in primarily short-term bond funds is $\$ 701$ million and the liability for securities lending collateral is $\$ 740$ million.
(12) This category invests in commercial real estate and real estate securities funds, whose objective is to outperform an index.
(13) The contractual net value of the investment of securities lending collateral invested in primarily short-term bond funds is $\$ 682$ million and the liability for securities lending collateral is $\$ 726$ million.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

## Changes in Fair Value of Level 3 Pension Assets

|  | Year Ended December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Fixed Maturities- Pooled Separate Accounts | $\begin{array}{r} \text { Fixed } \\ \text { Maturit } \\ \text { Corporate } \\ \text { Corpor } \\ \text { Bond } \end{array}$ | $\begin{gathered} \text { Fixed } \\ \text { Maturities- } \\ \text { Other } \end{gathered}$ | Real EstatePooled Separate Accounts |
|  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$32 | \$12 | \$58 | \$322 |
| Actual Return on Assets: |  |  |  |  |
| Relating to assets still held at the reporting date | 0 | 0 | 0 | 46 |
| Relating to assets sold during the period | 0 | 0 | 0 | 0 |
| Purchases, sales and settlements | 0 | 4 | 8 | (12) |
| Transfers in and /or out of Level 3 | 0 | 0 | 0 | 0 |
| Fair Value, end of period | \$32 | \$16 | \$66 | $\stackrel{\$ 356}{\underline{-}}$ |


|  | Year Ended December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Real EstatePartnerships | OtherPartnerships | Other-Hedge Fund |
|  |  | (in millions) |  |
| Fair Value, beginning of period | \$185 | \$ 598 | \$ 707 |
| Actual Return on Assets: |  |  |  |
| Relating to assets still held at the reporting date | 35 | 48 | 106 |
| Relating to assets sold during the period | 0 | 0 | 4 |
| Purchases, sales and settlements | 100 | 7 | (1) |
| Transfers in and /or out of Level 3(1) | 0 | (279) | 279 |
| Fair Value, end of period | \$320 | \$ 374 | \$1,095 |


|  | Year Ended December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Fixed MaturitiesPooled Separate Accounts | Fixed MaturitiesCorporate DebtCorporate Bonds | Fixed Maturities- Other | Real EstatePooled Separate Accounts |
|  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$20 | \$12 | \$62 | \$318 |
| Actual Return on Assets: |  |  |  |  |
| Relating to assets still held at the reporting date | 2 | (1) | 0 | 40 |
| Relating to assets sold during the period | 0 | 0 | 0 | (1) |
| Purchases, sales and settlements | 10 | 0 | (4) | (35) |
| Transfers in and /or out of Level 3 | 0 | 1 | 0 | 0 |
| Fair Value, end of period | \$32 | \$12 | \$58 | \$322 |


|  | Year Ended December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: |
|  | Real EstatePartnerships | OtherPartnerships | OtherHedge Fund |
|  |  | (in millions) |  |
| Fair Value, beginning of period | \$105 | \$552 | \$678 |
| Actual Return on Assets: |  |  |  |
| Relating to assets still held at the reporting date | 5 | 32 | 57 |
| Relating to assets sold during the period | 0 | 0 | 0 |
| Purchases, sales and settlements | 75 | 14 | (28) |
| Transfers in and /or out of Level 3 | 0 | 0 | 0 |
| Fair Value, end of period | \$185 | \$598 | \$707 |

[^7]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

Postretirement plan asset allocations in accordance with the investment guidelines are as follows:

|  | As of December 31, 2013 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 |  | Level 3 | Total |
|  | (in millions) |  |  |  |  |
| U.S. Equities: |  |  |  |  |  |
| Variable Life Insurance Policies(1) |  |  | 634 | \$ 0 | \$ 634 |
| Common trusts(2) | 0 |  | 136 | 0 | 136 |
| Equities | 110 |  | 0 | 0 | 110 |
| Subtotal |  |  |  |  | 880 |
| International Equities: |  |  |  |  |  |
| Variable Life Insurance Policies(3) | 0 |  | 64 | 0 | 64 |
| Common trusts(4) | 0 |  | 23 | 0 | 23 |
| Subtotal |  |  |  |  | 87 |
| Fixed Maturities: |  |  |  |  |  |
| Common trusts(5) | 0 |  | 29 | 0 | 29 |
| U.S. government securities (federal): |  |  |  |  |  |
| Mortgage-Backed | 0 |  | 7 | 0 | 7 |
| Other U.S. government securities | 0 |  | 289 | 0 | 289 |
| U.S. government securities (state \& other) | 0 |  | 3 | 0 | 3 |
| Non-U.S. government securities | 0 |  | 4 | 0 | 4 |
| Corporate Debt: |  |  |  |  |  |
| Corporate bonds(6) | 0 |  | 235 | 1 | 236 |
| Asset-Backed | 0 |  | 56 | 5 | 61 |
| Collateralized Mortgage Obligations(7) | 0 |  | 35 | 0 | 35 |
| Interest rate swaps (Notional amount: \$861) | 0 |  | (7) | 0 | (7) |
| Other(8) . . . . . . . . . . . . . . . . . . . . | 74 |  | 0 | (6) | 68 |
| Unrealized gain (loss) on investment of securities lending collateral(9) | 0 |  | 0 | 0 | 0 |
| Subtotal |  |  |  |  | 725 |
| Short-term Investments: |  |  |  |  |  |
| Variable Life Insurance Policies | 0 |  | 0 | 0 | 0 |
| Registered investment companies | 53 |  | 0 | 0 | 53 |
| Subtotal |  |  |  |  | 53 |
| Total | \$237 |  | 1,508 | \$ 0 | \$1,745 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

|  | As of December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Total |
|  | (in millions) |  |  |  |
| U.S. Equities: |  |  |  |  |
| Variable Life Insurance Policies(1) | \$ 0 | \$ 493 | \$ 0 | \$ 493 |
| Common trusts(2) | 0 | 100 | 0 | 100 |
| Equities | 104 | 0 | 0 | 104 |
| Subtotal |  |  |  | 697 |
| International Equities: |  |  |  |  |
| Variable Life Insurance Policies(3) | 0 | 52 | 0 | 52 |
| Common trusts(4) | 0 | 18 | 0 | 18 |
| Subtotal |  |  |  | 70 |
| Fixed Maturities: |  |  |  |  |
| Common trusts(5) | 0 | 29 | 0 | 29 |
| U.S. government securities (federal): |  |  |  |  |
| Mortgage-Backed | 0 | 12 | 0 | 12 |
| Other U.S. government securities | 0 | 138 | 0 | 138 |
| U.S. government securities (state \& other) | 0 | 3 | 0 | 3 |
| Non-U.S. government securities | 0 | 8 | 0 | 8 |
| Corporate Debt: |  |  |  |  |
| Corporate bonds(6) | 0 | 195 | 2 | 197 |
| Asset-Backed | 0 | 57 | 0 | 57 |
| Collateralized Mortgage Obligations(7) | 0 | 70 | 0 | 70 |
| Interest rate swaps (Notional amount: \$681) | 0 | (8) | 0 | (8) |
| Other(8) | 47 | 0 | (4) | 43 |
| Unrealized gain (loss) on investment of securities lending collateral(10) | 0 | 0 | 0 | 0 |
| Subtotal |  |  |  | 549 |
| Short-term Investments: |  |  |  |  |
| Variable Life Insurance Policies | 0 | 1 | 0 | 1 |
| Registered investment companies | 12 | 0 | 0 | 12 |
| Subtotal |  |  |  | 13 |
| Total | \$163 | \$1,168 | \$(2) | \$1,329 |

[^8]
## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

## Changes in Fair Value of Level 3 Postretirement Assets

|  | Year Ended December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Fixed Maturities- Corporate Debt- Corporate Bonds | Fixed Maturities- Corporate Debt- Asset Backed | $\qquad$ |
|  |  | (in millions) |  |
| Fair Value, beginning of period | \$ 2 | \$0 | \$(4) |
| Actual Return on Assets: |  |  |  |
| Relating to assets still held at the reporting date | 0 | 0 | 0 |
| Relating to assets sold during the period | 0 | 0 | 0 |
| Purchases, sales and settlements | (1) | 5 | (2) |
| Transfers in and /or out of Level 3 | 0 | 0 | 0 |
| Fair Value, end of period | \$ 1 | \$5 | \$(6) |
|  |  | Year Ended December 31, 2012 |  |
|  |  | ```Fixed MaturitiesCorporate DebtCorporate Bonds``` | Fixed MaturitiesOther |
|  |  | (in millions) |  |
| Fair Value, beginning of period |  | \$2 | \$ 2 |
| Actual Return on Assets: |  |  |  |
| Relating to assets still held at the reporting date |  | 0 | 0 |
| Relating to assets sold during the period |  | 0 | 0 |
| Purchases, sales and settlements |  | 0 | (6) |
| Transfers in and /or out of Level 3 | . . . . . . . | 0 | 0 |
| Fair Value, end of period |  | \$2 | \$(4) |

A summary of pension and postretirement plan asset allocation as of the year ended December 31, are as follows:

|  | Pension Percentage of Plan Assets |  | Postretirement Percentage of Plan Assets |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2013 | 2012 |
| Asset Category |  |  |  |  |
| U.S. Equities | 10\% | 10\% | 50\% | 52\% |
| International Equities | 4 | 4 | 5 | 5 |
| Fixed Maturities | 67 | 69 | 39 | 40 |
| Short-term Investments | 1 | 3 | 6 | 3 |
| Real Estate | 6 | 4 | 0 | 0 |
| Other | 12 | 10 | 0 | 0 |
| Total. | 100\% | 100\% | 100\% | 100\% |

The expected benefit payments for the Company's pension and postretirement plans, as well as the expected Medicare Part D subsidy receipts related to the Company's postretirement plan, for the years indicated are as follows:

|  | Pension Benefit Payments | Other <br> Postretirement Benefit Payments | Other <br> Postretirement BenefitsMedicare Part D Subsidy Receipts |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| 2014 | \$ 617 | \$ 186 | \$ 15 |
| 2015 | 627 | 185 | 15 |
| 2016 | 648 | 184 | 16 |
| 2017 | 665 | 183 | 16 |
| 2018 | 687 | 182 | 16 |
| 2019-2023 | 3,754 | 872 | 82 |
| Total | \$6,998 | \$1,792 | \$160 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 18. EMPLOYEE BENEFIT PLANS (continued)

The Company anticipates that it will make cash contributions in 2014 of approximately $\$ 130$ million to the pension plans and approximately $\$ 10$ million to the postretirement plans.

## Postemployment Benefits

The Company accrues postemployment benefits for income continuance and health and life benefits provided to former or inactive employees who are not retirees. The net accumulated liability for these benefits at December 31, 2013 and 2012 was $\$ 68$ million and $\$ 41$ million, respectively, and is included in "Other liabilities."

## Other Employee Benefits

The Company sponsors voluntary savings plans for employees (401(k) plans). The plans provide for salary reduction contributions by employees and matching contributions by the Company of up to $4 \%$ of annual salary. The matching contributions by the Company included in "General and administrative expenses" were $\$ 57$ million, $\$ 54$ million and $\$ 54$ million for the years ended December 31, 2013, 2012 and 2011, respectively.

## 19. INCOME TAXES

The components of income tax expense (benefit) for the years ended December 31 were as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | $\overline{\text { millions }}$ |  |
| Current tax expense (benefit) |  |  |  |
| U.S. | \$ (292) | \$ 674 | \$ 73 |
| State and local | 16 | 27 | 2 |
| Foreign | 310 | 387 | 372 |
| Total | 34 | 1,088 | 447 |
| Deferred tax expense (benefit) |  |  |  |
| U.S. | 44 | (437) | 771 |
| State and local | 0 | (5) | 12 |
| Foreign | $(1,136)$ | (433) | 285 |
| Total | $(1,092)$ | (875) | 1,068 |
| Total income tax expense (benefit) on continuing operations before equity in earnings of operating joint ventures | $(1,058)$ | 213 | 1,515 |
| Income tax expense on equity in earnings of operating joint ventures | 19 | 19 | 79 |
| Income tax expense on discontinued operations | 3 | 8 | 18 |
| Income tax expense (benefit) reported in equity related to: |  |  |  |
| Other comprehensive income | (582) | 2,667 | 1,301 |
| Stock-based compensation programs | (32) | (56) | (19) |
| Total income taxes | \$(1,650) | \$2,851 | \$2,894 |

The Company's actual income tax expense on continuing operations before equity in earnings of operating joint ventures for the years ended December 31 differs from the expected amount computed by applying the statutory federal income tax rate of $35 \%$ to income from continuing operations before income taxes and equity in earnings of operating joint ventures for the following reasons:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | millions |  |
| Expected federal income tax expense (benefit) | \$ (589) | \$ 248 | \$1,737 |
| Non-taxable investment income | (319) | (302) | (247) |
| Low income housing and other tax credits | (105) | (78) | (80) |
| Reversal of acquisition opening balance sheet deferred tax items | 55 | 384 | 221 |
| Medicare Part D | (43) | (1) | (2) |
| Minority interest | (37) | (17) | (11) |
| Foreign taxes at other than U.S. rate | (36) | (51) | (37) |
| State taxes | 10 | 15 | 0 |
| Other | 6 | 15 | (66) |
| Total income tax expense (benefit) on continuing operations | \$(1,058) | \$ 213 | \$1,515 |

The dividends received deduction ("DRD") reduces the amount of dividend income subject to U.S. tax and is the primary component of the non-taxable investment income shown in the table above, and, as such, is a significant component of the difference between the Company's effective tax rate and the federal statutory tax rate of $35 \%$. The DRD for the current period was estimated using information

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 19. INCOME TAXES (continued)

from 2012 and current year results, and was adjusted to take into account the current year's equity market performance. The actual current year DRD can vary from the estimate based on factors such as, but not limited to, changes in the amount of dividends received that are eligible for the DRD, changes in the amount of distributions received from mutual fund investments, changes in the account balances of variable life and annuity contracts, and the Company's taxable income before the DRD.

In August 2007, the IRS released Revenue Ruling 2007-54, which included, among other items, guidance on the methodology to be followed in calculating the DRD related to variable life insurance and annuity contracts. In September 2007, the IRS released Revenue Ruling 2007-61. Revenue Ruling 2007-61 suspended Revenue Ruling 2007-54 and informed taxpayers that the U.S. Treasury Department and the IRS intend to address through new guidance the issues considered in Revenue Ruling 2007-54, including the methodology to be followed in determining the DRD related to variable life insurance and annuity contracts. In May 2010, the IRS issued an Industry Director Directive ("IDD") confirming that the methodology for calculating the DRD set forth in Revenue Ruling 2007-54 should not be followed. The IDD also confirmed that the IRS guidance issued before Revenue Ruling 2007-54, which guidance the Company relied upon in calculating its DRD, should be used to determine the DRD. In February 2014, the IRS released Revenue Ruling 2014-7, which modified and superseded Revenue Ruling 2007-54, by removing the provisions of Revenue Ruling 2007-54 related to the methodology to be followed in calculating the DRD and obsoleting Revenue Ruling 2007-61. However, there remains the possibility that the IRS and the U.S. Treasury will address, through subsequent guidance, the issues related to the calculation of the DRD. For the last several years, the revenue proposals included in the Obama Administration's budgets included a proposal that would change the method used to determine the amount of the DRD. A change in the DRD, including the possible retroactive or prospective elimination of this deduction through guidance or legislation, could increase actual tax expense and reduce the Company's consolidated net income. These activities had no impact on the Company's 2011, 2012 or 2013 results.

The Medicare Part D subsidy provided by the government is not subject to tax. However, the amount a company can otherwise deduct for retiree health care expenses must be reduced by the amount of the Medicare Part D subsidy received and not taxed in that year, effectively making the subsidy taxable. During 2013, the Company transferred $\$ 340$ million of assets within the qualified pension plan under Section 420 of the Internal Revenue Code from assets supporting pension benefits to assets supporting retiree medical and life benefits. As a result, the Company reduced the projected amount of retiree health care payments that would not be deductible related to future receipts by the Company of the Medicare Part D subsidy and recognized a $\$ 43$ million tax benefit in "Income from continuing operations before equity in earnings of operating joint ventures."

Total income tax expense includes additional tax expense related to the realization of deferred tax assets recorded in the Statement of Financial Position as of the acquisition date for Prudential Gibraltar and the Star and Edison Businesses. As of December 31, 2013, additional U.S. GAAP tax expense related to the utilization of opening balance sheet deferred tax assets has been fully recognized between the Statement of Operations and Other Comprehensive Income as follows:

|  | Prudential Gibraltar | Star and Edison Businesses | Total |
| :---: | :---: | :---: | :---: |
|  |  | millions) |  |
| Opening balance sheet deferred tax assets after valuation allowance that will result in additional tax expense | \$ 56 | \$678 | \$734 |
| Additional tax expense (benefit) recognized in the Statement of Operations: |  |  |  |
| 2009 | 13 | 0 | 13 |
| 2010 | 6 | 0 | 6 |
| 2011 | (29) | 252 | 223 |
| 2012 | 51 | 333 | 384 |
| 2013 | 15 | 40 | 55 |
| Subtotal | 56 | 625 | 681 |
| Additional tax expense recognized in Other Comprehensive Income | 0 | 53 | 53 |
| Unrecognized balance of additional tax expense | \$ 0 | \$ 0 | \$ 0 |

On January 1, 2012, the Star and Edison Businesses merged into Gibraltar Life. The majority of additional U.S. tax expense recognized in 2012 is a result of the merger. During the first quarter of 2013, the Company changed its repatriation assumption for Gibraltar Life and Prudential Gibraltar. As a result, the Company recorded an additional U.S. tax expense of $\$ 108$ million in the first quarter of 2013. Future losses in pre-tax income of Gibraltar Life, such as that caused by the impact of foreign currency exchange rate movements on certain non-yen denominated assets and liabilities, may reduce the amount of additional tax expense recognized in the Consolidated Statements of Operations and increase the amount of additional tax expense recognized in Other Comprehensive Income.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 19. INCOME TAXES (continued)

Deferred tax assets and liabilities at December 31 resulted from the items listed in the following table:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in millions) |  |
| Deferred tax assets |  |  |
| Insurance reserves | \$ 2,760 | \$ 3,952 |
| Policyholders' dividends | 1,797 | 2,433 |
| Net operating and capital loss carryforwards | 358 | 866 |
| Employee benefits | 477 | 718 |
| Investments | 1,510 | 0 |
| Other | 472 | 343 |
| Deferred tax assets before valuation allowance | 7,374 | 8,312 |
| Valuation allowance | (235) | (280) |
| Deferred tax assets after valuation allowance | 7,139 | 8,032 |
| Deferred tax liabilities |  |  |
| Net unrealized investment gains | 7,147 | 8,451 |
| Deferred policy acquisition costs | 4,208 | 3,559 |
| Investments | 0 | 1,753 |
| Unremitted foreign earnings | 679 | 1,216 |
| Value of business acquired | 1,204 | 1,029 |
| Deferred tax liabilities | 13,238 | 16,008 |
| Net deferred tax liability | \$ $(6,099)$ | \$ $(7,976)$ |

The application of U.S. GAAP requires the Company to evaluate the recoverability of deferred tax assets and establish a valuation allowance if necessary to reduce the deferred tax asset to an amount that is more likely than not expected to be realized. Considerable judgment is required in determining whether a valuation allowance is necessary, and if so, the amount of such valuation allowance. In evaluating the need for a valuation allowance the Company considers many factors, including: (1) the nature of the deferred tax assets and liabilities; (2) whether they are ordinary or capital; (3) in which tax jurisdictions they were generated and the timing of their reversal; (4) taxable income in prior carryback years as well as projected taxable earnings exclusive of reversing temporary differences and carryforwards; (5) the length of time that carryovers can be utilized in the various taxing jurisdictions; (6) any unique tax rules that would impact the utilization of the deferred tax assets; and (7) any tax planning strategies that the Company would employ to avoid a tax benefit from expiring unused. Although realization is not assured, management believes it is more likely than not that the deferred tax assets, net of valuation allowances, will be realized.

A valuation allowance has been recorded related to tax benefits associated with state and local and foreign deferred tax assets. Adjustments to the valuation allowance are made to reflect changes in management's assessment of the amount of the deferred tax asset that is realizable and the amount of deferred tax asset actually realized during the year. The valuation allowance includes amounts recorded in connection with deferred tax assets at December 31 as follows:

|  | $\frac{2013}{\text { (in millions) }}$ |  |
| :---: | :---: | :---: |
|  |  |  |
| Valuation allowance related to state and local deferred tax assets | \$208 | \$250 |
| Valuation allowance related to foreign operations deferred tax asset | \$ 27 | \$ 30 |

The following table sets forth the federal, state and foreign operating and capital loss carryforwards for tax purposes, at December 31:

|  | 2013 | 2012 |
| :---: | :---: | :---: |
|  | (in m | lions) |
| Federal net operating and capital loss carryforwards | \$ | \$ 274 |
| State net operating and capital loss carryforwards(1) | \$3,945 | \$4,574 |
| Foreign operating loss carryforwards(2) | \$ 505 | \$1,731 |

(1) Expires between 2014 and 2033.
(2) $\$ 481$ million expires between 2018 and 2022 and $\$ 24$ million has an unlimited carryforward.

The Company provides for U.S. income taxes on unremitted foreign earnings of its operations in Japan, and certain operations in India, Germany, and Taiwan. In addition, beginning in 2012, the Company provides for U.S. income taxes on a portion of current year foreign earnings for its insurance operations in Korea. Unremitted foreign earnings from operations in other foreign jurisdictions are considered to be permanently reinvested. In 2011 the Company sold various foreign entities that were a part of the global commodities group and the relocation business. Consequently, their earnings were no longer considered permanently reinvested and the Company

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 19. INCOME TAXES (continued)

recognized an income tax expense of $\$ 6$ million related to the sale of global commodities group in "Income from discontinued operations, net of taxes" and income tax benefit of $\$ 11$ million related to the sale of the relocation business. Except for the change in repatriation assumption with respect to a portion of current year foreign earnings for insurance operations in Korea, the Company made no material changes with respect to its repatriation assumptions during 2012. During the first quarter of 2013, we determined that in addition to U.S. GAAP earnings, we would repatriate an additional amount from Gibraltar Life and Prudential Gibraltar, but that such additional amount would not exceed the deferred tax assets recorded in the Statement of Financial Position as of the acquisition date for Prudential Gibraltar and the Star and Edison Businesses. Consequently we recognized an additional U.S. tax expense of $\$ 108$ million in "Income from continuing operations before equity in earnings of operating joint ventures" during 2013.

The following table sets forth the undistributed earnings of foreign subsidiaries, where the Company assumes permanent reinvestment of such and for which U.S. deferred taxes have not been provided, as of the periods indicated. Determining the tax liability that would arise if these earnings were remitted is not practicable.

|  |  | cembe |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  |  | million |  |
| Undistributed earnings of foreign subsidiaries (assuming permanent reinvestment) | \$1,973 | \$1,747 | \$2,145 |

The Company's income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures includes income from domestic operations of $\$ 1,274$ million, $\$ 1,138$ million and $\$ 1,919$ million, and income (loss) from foreign operations of $\$(2,958)$ million, $\$(430)$ million and $\$ 3,045$ million for the years ended December 31, 2013, 2012 and 2011, respectively.

The Company's liability for income taxes includes the liability for unrecognized tax benefits and interest that relate to tax years still subject to review by the Internal Revenue Service ("IRS") or other taxing authorities. The completion of review or the expiration of the Federal statute of limitations for a given audit period could result in an adjustment to the liability for income taxes.

The Company's unrecognized tax benefits for the years ended December 31 are as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  | (in millions) |  |  |
| Balance at January 1, | \$19 | \$ 90 | \$ 552 |
| Increases in unrecognized tax benefits-prior years | 0 | 16 | 96 |
| (Decreases) in unrecognized tax benefits-prior years | (7) | (4) | (152) |
| Increases in unrecognized tax benefits-current year | 0 | 0 | 0 |
| (Decreases) in unrecognized tax benefits-current year | 0 | 0 | 0 |
| Settlements with taxing authorities | (1) | (83) | (406) |
| Balance at December 31, | \$11 | \$ 19 | \$ 90 |
| Unrecognized tax benefits that, if recognized, would favorably impact the effective rate | \$11 | \$ 19 | \$ 38 |

The Company does not anticipate any significant changes within the next 12 months to its total unrecognized tax benefits related to tax years for which the statute of limitations has not expired.

The Company classifies all interest and penalties related to tax uncertainties as income tax expense (benefit). The amounts recognized in the consolidated financial statements for tax-related interest and penalties for the years ended December 31 are as follows:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
| Interest and penalties recognized in the consolidated statements of operations | (in millions) |  |  |
|  | \$1 | \$4 | \$13 |
|  |  | 2013 | 2012 |
|  | (in millions) |  |  |
| Interest and penalties recognized in liabilities in the consolidated statements of financial position |  | \$6 | \$8 |

Listed below are the tax years that remain subject to examination by major tax jurisdiction, at December 31, 2013:

| Major Tax Jurisdiction |
| :---: |
| United States |
| Japan |
| Korea |

Open Tax Years

## 2004-2013

Fiscal years ended March 31, 2009-2013
Fiscal years ended March 31, 2009-2013 and the period ended December 31, 2013
During 2004 through 2006, the Company entered into two transactions that involved, among other things, the payment of foreign income taxes that were credited against the Company's U.S. tax liability. On May 23, 2011, the IRS issued notices of proposed adjustments disallowing the foreign tax credits claimed and related transaction expenses. The total amount of the proposed adjustments for the

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 19. INCOME TAXES (continued)

transactions was approximately $\$ 200$ million of tax and penalties. During the fourth quarter of 2011, the Company reached agreement with the IRS on the resolution of the proposed foreign tax credits disallowance. The impact to the 2011 results attributable to the settlement was an increase to tax expense of approximately $\$ 93$ million. The settlement of the foreign tax credit transactions for 2004 through 2006 marked the conclusion of the IRS audits for those years. As a result, all unrecognized tax positions plus interest relating to tax years prior to 2007 were recognized in 2011. As such, 2011 benefited from a reduction to the liability for unrecognized tax benefits of $\$ 70$ million, including the impact from the foreign tax credit disallowance.

For tax years 2007 through 2013, the Company is participating in the IRS's Compliance Assurance Program ("CAP"). Under CAP, the IRS assigns an examination team to review completed transactions contemporaneously during these tax years in order to reach agreement with the Company on how they should be reported in the tax returns. If disagreements arise, accelerated resolutions programs are available to resolve the disagreements in a timely manner before the tax returns are filed. It is management's expectation this program will shorten the time period between the filing of the Company's federal income tax returns and the IRS's completion of its examination of the returns.

Certain of the Company's affiliates in Japan file a consolidated tax return, while others file separate tax returns. The Company's affiliates in Japan are subject to audits by the local taxing authority. The general statute of limitations is five years from when the return is filed. During 2011, the Tokyo Regional Taxation Bureau concluded a routine tax audit of the tax returns of Edison Life Insurance Company Ltd. for its tax years ended March 31, 2009 to March 31, 2010. During 2013 the Tokyo Regional Taxation Bureau conducted a routine tax audit of the tax returns of the Company's affiliates in Japan for their tax years ended March 31, 2009 to March 31, 2012. These activities had no material impact on the Company's 2011, 2012 or 2013 results.

The Company's affiliates in South Korea file separate tax returns and are subject to audits by the local taxing authority. The general statute of limitations is five years from when the return is filed.

## 20. FAIR VALUE OF ASSETS AND LIABILITIES

Fair Value Measurement-Fair value represents the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The authoritative fair value guidance establishes a framework for measuring fair value that includes a hierarchy used to classify the inputs used in measuring fair value. The level in the fair value hierarchy within which the fair value measurement falls is determined based on the lowest level input that is significant to the fair value measurement. The levels of the fair value hierarchy are as follows:

Level 1-Fair value is based on unadjusted quoted prices in active markets that are accessible to the Company for identical assets or liabilities. The Company's Level 1 assets and liabilities primarily include certain cash equivalents and short term investments, equity securities and derivative contracts that trade on an active exchange market.

Level 2-Fair value is based on significant inputs, other than quoted prices included in Level 1, that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability through corroboration with observable market data. Level 2 inputs include quoted market prices in active markets for similar assets and liabilities, quoted market prices in markets that are not active for identical or similar assets or liabilities, and other market observable inputs. The Company's Level 2 assets and liabilities include: fixed maturities (corporate public and private bonds, most government securities, certain asset-backed and mortgage-backed securities, etc.), certain equity securities (mutual funds, which do not actively trade and are priced based on a net asset value), certain commercial mortgage loans, short-term investments and certain cash equivalents (primarily commercial paper), and certain over-thecounter derivatives.

Level 3-Fair value is based on at least one or more significant unobservable inputs for the asset or liability. The assets and liabilities in this category may require significant judgment or estimation in determining the fair value. The Company's Level 3 assets and liabilities primarily include: certain private fixed maturities and equity securities, certain manually priced public equity securities and fixed maturities, certain highly structured over-the-counter derivative contracts, certain commercial mortgage loans, certain consolidated real estate funds for which the Company is the general partner, and embedded derivatives resulting from certain products with guaranteed benefits.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

Assets and Liabilities by Hierarchy Level-The tables below present the balances of assets and liabilities measured at fair value on a recurring basis, as of the dates indicated.

|  | As of December 31, 2013 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Netting(1) | Total |
|  | (in millions) |  |  |  |  |
| Fixed maturities, available-for-sale: |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 0 | \$ 15,400 | \$ 0 | \$ | \$ 15,400 |
| Obligations of U.S. states and their political subdivisions | 0 | 3,735 | 0 |  | 3,735 |
| Foreign government bonds | 0 | 82,787 | 1 |  | 82,788 |
| Corporate securities | 0 | 152,449 | 1,329 |  | 153,778 |
| Asset-backed securities | 0 | 7,147 | 3,442 |  | 10,589 |
| Commercial mortgage-backed securities | 0 | 13,708 | 165 |  | 13,873 |
| Residential mortgage-backed securities | 0 | 6,695 | 8 |  | 6,703 |
| Subtotal | 0 | 281,921 | 4,945 |  | 286,866 |
| Trading account assets:(2) |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | 0 | 266 | 0 |  | 266 |
| Obligations of U.S. states and their political subdivisions | 0 | 190 | 0 |  | 190 |
| Foreign government bonds | 0 | 643 | 0 |  | 643 |
| Corporate securities | 0 | 16,865 | 115 |  | 16,980 |
| Asset-backed securities | 0 | 876 | 403 |  | 1,279 |
| Commercial mortgage-backed securities | 0 | 2,466 | 0 |  | 2,466 |
| Residential mortgage-backed securities | 0 | 1,828 | 2 |  | 1,830 |
| Equity securities | 1,309 | 225 | 842 |  | 2,376 |
| All other(3) | 591 | 7,899 | 6 | $(7,246)$ | 1,250 |
| Subtotal | 1,900 | 31,258 | 1,368 | $(7,246)$ | 27,280 |
| Equity securities, available-for-sale | 6,938 | 2,668 | 304 |  | 9,910 |
| Commercial mortgage and other loans | 0 | 158 | 0 |  | 158 |
| Other long-term investments | 19 | 109 | 1,396 | 5 | 1,529 |
| Short-term investments | 6,139 | 1,046 | 0 |  | 7,185 |
| Cash equivalents | 2,461 | 4,521 | 0 |  | 6,982 |
| Other assets | 3 | 209 | 4 |  | 216 |
| Subtotal excluding separate account assets | 17,460 | 321,890 | 8,017 | $(7,241)$ | 340,126 |
| Separate account assets(4) | 49,182 | 213,275 | 22,603 |  | 285,060 |
| Total assets | \$66,642 | \$535,165 | \$30,620 | \$(7,241) | \$625,186 |
| Future policy benefits(5) | \$ 0 | \$ 0 | \$ 441 | \$ | \$ 441 |
| Other liabilities | 1 | 9,458 | 5 | $(7,257)$ | 2,207 |
| Notes of consolidated VIEs | 0 | 0 | 3,254 |  | 3,254 |
| Total liabilities | \$ 1 | \$ 9,458 | \$ 3,700 | \$(7,257) | \$ 5,902 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | As of December 31, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Netting(1) | Total |
|  | (in millions) |  |  |  |  |
| Fixed maturities, available-for-sale: |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | \$ 0 | \$ 17,386 | \$ 0 | \$ | \$ 17,386 |
| Obligations of U.S. states and their political subdivisions | 0 | 3,452 | 0 |  | 3,452 |
| Foreign government bonds | 0 | 88,290 | 0 |  | 88,290 |
| Corporate securities | 0 | 157,701 | 1,630 |  | 159,331 |
| Asset-backed securities | 0 | 7,633 | 3,703 |  | 11,336 |
| Commercial mortgage-backed securities | 0 | 11,813 | 124 |  | 11,937 |
| Residential mortgage-backed securities | 0 | 9,593 | 11 |  | 9,604 |
| Subtotal . | 0 | 295,868 | 5,468 |  | 301,336 |
| Trading account assets:(2) |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government authorities and agencies | 0 | 287 | 0 |  | 287 |
| Obligations of U.S. states and their political subdivisions | 0 | 259 | 0 |  | 259 |
| Foreign government bonds | 2 | 767 | 0 |  | 769 |
| Corporate securities | 0 | 13,609 | 134 |  | 13,743 |
| Asset-backed securities | 0 | 923 | 431 |  | 1,354 |
| Commercial mortgage-backed securities | 0 | 2,298 | 8 |  | 2,306 |
| Residential mortgage-backed securities | 0 | 2,024 | 2 |  | 2,026 |
| Equity securities | 1,198 | 181 | 1,098 |  | 2,477 |
| All other(3) | 664 | 13,371 | 25 | $(10,363)$ | 3,697 |
| Subtotal. | 1,864 | 33,719 | 1,698 | $(10,363)$ | 26,918 |
| Equity securities, available-for-sale | 5,518 | 2,429 | 330 |  | 8,277 |
| Commercial mortgage and other loans | 0 | 114 | 48 |  | 162 |
| Other long-term investments | (57) | 141 | 1,053 | 246 | 1,383 |
| Short-term investments | 3,519 | 2,871 | 0 |  | 6,390 |
| Cash equivalents | 3,105 | 10,495 | 0 |  | 13,600 |
| Other assets | 78 | 109 | 8 |  | 195 |
| Subtotal excluding separate account assets | 14,027 | 345,746 | 8,605 | $(10,117)$ | 358,261 |
| Separate account assets(4) | 39,362 | 192,760 | 21,132 |  | 253,254 |
| Total assets | \$53,389 | \$538,506 | \$29,737 | \$(10,117) | \$611,515 |
| Future policy benefits(5) | \$ 0 | \$ 0 | \$ 3,348 | \$ | \$ 3,348 |
| Other liabilities | 0 | 8,121 | 0 | $(8,031)$ | 90 |
| Notes of consolidated VIEs | 0 | 0 | 1,406 |  | 1,406 |
| Total liabilities | \$ 0 | \$ 8,121 | \$ 4,754 | \$ $(8,031)$ | \$ 4,844 |

(1) "Netting" amounts represent cash collateral of (\$16) million and $\$ 2,086$ million as of December 31, 2013 and December 31, 2012, respectively, and the impact of offsetting asset and liability positions held with the same counterparty, subject to master netting arrangements.
(2) Includes Trading Account Assets Supporting Insurance Liabilities and Other Trading Account Assets.
(3) Level 1 represents cash equivalents and short term investments. All other amounts primarily represent derivative assets.
(4) Separate account assets represent segregated funds that are invested for certain customers. Investment risks associated with market value changes are borne by the customers, except to the extent of minimum guarantees made by the Company with respect to certain accounts. Separate account assets classified as Level 3 consist primarily of real estate and real estate investment funds. Separate account liabilities are not included in the above table as they are reported at contract value and not fair value in the Company's Consolidated Statement of Financial Position.
(5) For the year ended December 31, 2013, the net embedded derivative liability position of $\$ 0.4$ billion includes $\$ 1.5$ billion of embedded derivatives in an asset position and $\$ 1.9$ billion of embedded derivatives in a liability position. For the year ended December 31, 2012, the net embedded derivative liability position of $\$ 3.3$ billion includes $\$ 0.5$ billion of embedded derivatives in an asset position and $\$ 3.8$ billion of embedded derivatives in a liability position.

The methods and assumptions the Company uses to estimate the fair value of assets and liabilities measured at fair value on a recurring basis are summarized below.

Fixed Maturity Securities-The fair values of the Company's public fixed maturity securities are generally based on prices obtained from independent pricing services. Prices for each security are generally sourced from multiple pricing vendors, and a vendor hierarchy is maintained by asset type based on historical pricing experience and vendor expertise. The Company ultimately uses the price from the pricing service highest in the vendor hierarchy based on the respective asset type. The pricing hierarchy is updated for new financial products and recent pricing experience. Consistent with the fair value hierarchy described above, securities with validated quotes from pricing services are generally reflected within Level 2, as they are primarily based on observable pricing for similar assets and/or other market observable inputs. If the pricing information received from third

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

party pricing services is not reflective of market activity or other inputs observable in the market, the Company may challenge the price through a formal process with the pricing service. If the pricing service updates the price to be more consistent with the presented market observations, the security remains within Level 2.

Internally-developed valuations or indicative broker quotes are also used to determine fair value in circumstances where vendor pricing is not available, or where the Company ultimately concludes that pricing information received from the independent pricing service is not reflective of market activity. If the Company concludes the values from both pricing services and brokers are not reflective of market activity, it may over-ride the information with an internally-developed valuation. As of December 31, 2013 and December 31, 2012, overrides on a net basis were not material. Pricing service over-rides, internally-developed valuations and indicative broker quotes are generally included in Level 3 in the fair value hierarchy.

The fair value of private fixed maturities, which are comprised of investments in private placement securities, originated by internal private asset managers, are primarily determined using a discounted cash flow model. If the fair value is determined using pricing inputs that are observable in the market, the securities have been reflected within Level 2; otherwise a Level 3 classification is used.

Trading Account Assets-Trading account assets consist primarily of fixed maturity securities, equity securities and derivatives whose fair values are determined consistent with similar instruments described above under "Fixed Maturity Securities" and below under "Equity Securities" and "Derivative Instruments."

Equity Securities-Equity securities consist principally of investments in common and preferred stock of publicly traded companies, perpetual preferred stock, privately traded securities, as well as mutual fund shares. The fair values of most publicly traded equity securities are based on quoted market prices in active markets for identical assets and are classified within Level 1 in the fair value hierarchy. Estimated fair values for most privately traded equity securities are determined using discounted cash flow, earnings multiple and other valuation models that require a substantial level of judgment around inputs and therefore are classified within Level 3. The fair values of mutual fund shares that transact regularly (but do not trade in active markets because they are not publicly available) are based on transaction prices of identical fund shares and are classified within Level 2 in the fair value hierarchy. The fair values of perpetual preferred stock are based on inputs obtained from independent pricing services that are primarily based on indicative broker quotes. As a result, the fair values of perpetual preferred stock are classified as Level 3.

Commercial Mortgage and Other Loans-The fair value of commercial mortgage loans held for investment and accounted for using the fair value option are determined based on the present value of the expected future cash flows discounted at the appropriate U.S. Treasury rate, adjusted for the current market spread for similar quality loans. The quality ratings for these loans, a primary determinant of the appropriate credit spread and a significant component of the pricing input, are based on internally-developed estimates. As a result, these loans are included in Level 3 in the fair value hierarchy.

The fair value of other loans held and accounted for using the fair value option is determined utilizing pricing indicators from the whole loan market, where investors are committed to purchase these loans at a pre-determined price, which is considered the principal exit market for these loans. The Company has evaluated the valuation inputs used for these assets, including the existence of pre-determined exit prices, the terms of the loans, prevailing interest rates and credit risk, and deemed that the primary pricing inputs are Level 2 inputs in the fair value hierarchy.

Other Long-Term Investments-Other long-term investments include limited partnerships which are consolidated because the Company is either deemed to exercise control or considered the primary beneficiary of a variable interest entity. These entities are considered investment companies and follow specialized industry accounting whereby their assets are carried at fair value. The investments held by these entities include various feeder fund investments in underlying master funds (whose underlying holdings generally include public fixed maturities, equity securities and mutual funds), as well as wholly-owned real estate held within other investment funds. The fair value is determined by reference to the underlying direct investments, with publicly traded equity securities based on quoted prices in active markets reflected in Level 1, and public fixed maturities and mutual funds priced via quotes from pricing services or observable data reflected in Level 2. The fair value of investments in funds that are subject to significant liquidity restrictions are reflected in Level 3.

The fair value of real estate held in consolidated investment funds is determined through an independent appraisal process. The appraisals generally utilize a discounted cash flow model, supplemented with replacement cost estimates and comparable recent sales data when available. These appraisals and the related assumptions are updated at least annually. Since many of the assumptions utilized are unobservable and are considered to be significant inputs to the valuation, the real estate investments within other long-term investments have been reflected within Level 3 in the fair value hierarchy.

The fair value of fund investments, where the fair value option has been elected, is primarily determined by the fund managers. Since the valuations may be based on unobservable market inputs and cannot be validated by the Company, these investments have been included within Level 3 in the fair value hierarchy.

Derivative Instruments-Derivatives are recorded at fair value either as assets, within "Other trading account assets," or "Other long-term investments," or as liabilities, within "Other liabilities," except for embedded derivatives which are recorded with the associated host contract. The fair values of derivative contracts can be affected by changes in interest rates, foreign exchange rates, commodity prices,

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

credit spreads, market volatility, expected returns, non-performance risk, liquidity and other factors. Liquidity valuation adjustments are made to reflect the cost of exiting significant risk positions, and consider the bid-ask spread, maturity, complexity, and other specific attributes of the underlying derivative position.

The Company's exchange-traded futures and options include Treasury futures, Eurodollar futures, commodity futures, Eurodollar options and commodity options. Exchange-traded futures and options are valued using quoted prices in active markets and are classified within Level 1 in the fair value hierarchy.

The majority of the Company's derivative positions are traded in the over-the-counter ("OTC") derivative market and are classified within Level 2 in the fair value hierarchy. OTC derivatives classified within Level 2 are valued using models that utilize actively quoted or observable market input values from external market data providers, third-party pricing vendors and/or recent trading activity. The Company's policy is to use mid-market pricing in determining its best estimate of fair value. The fair values of most OTC derivatives, including interest rate and cross currency swaps, currency forward contracts, commodity swaps, commodity forward contracts, single name credit default swaps, loan commitments held for sale and to-be-announced (or TBA) forward contracts on highly rated mortgage-backed securities issued by U.S. government sponsored entities are determined using discounted cash flow models. The fair values of European style option contracts are determined using Black-Scholes option pricing models. These models' key inputs include the contractual terms of the respective contract, along with significant observable inputs, including interest rates, currency rates, credit spreads, equity prices, index dividend yields, non-performance risk, volatility and other factors.

The Company's cleared interest rate swaps and credit derivatives linked to an index are valued using models that utilize actively quoted or observable market inputs, including Overnight Indexed Swap discount rates, obtained from external market data providers, thirdparty pricing vendors and/or recent trading activity. These derivatives are classified as Level 2 in the fair value hierarchy.

The vast majority of the Company's derivative agreements are with highly rated major international financial institutions. To reflect the market's perception of its own and the counterparty's non-performance risk, the Company incorporates additional spreads over LIBOR into the discount rate used in determining the fair value of OTC derivative assets and liabilities that are not otherwise collateralized.

Derivatives classified as Level 3 include look-back equity options and other structured products. These derivatives are valued based upon models, such as Monte Carlo simulation models and other techniques that utilize significant unobservable inputs. Level 3 methodologies are validated through periodic comparison of the Company's fair values to external broker-dealer values.

Cash Equivalents and Short-Term Investments-Cash equivalents and short-term investments include money market instruments, commercial paper and other highly liquid debt instruments. Certain money market instruments are valued using unadjusted quoted prices in active markets that are accessible for identical assets and are primarily classified as Level 1 . The remaining instruments in this category are generally fair valued based on market observable inputs and these investments have primarily been classified within Level 2.

Separate Account Assets-Separate Account Assets include fixed maturity securities, treasuries, equity securities and real estate investments for which values are determined consistent with similar instruments described above under "Fixed Maturity Securities," "Equity Securities" and "Other Long-Term Investments."

Notes of Consolidated VIEs-The fair values of these notes are based on broker quotes and classified within Level 3. See Note 5 and the Fair Value Option section below for additional information.

Other Liabilities-Other liabilities include certain derivative instruments, the fair values of which are determined consistent with similar derivative instruments described above under "Derivative Instruments."

Future Policy Benefits-The liability for future policy benefits primarily includes general account liabilities for the optional living benefit features of the Company's variable annuity contracts, including guaranteed minimum accumulation benefits ("GMAB"), guaranteed minimum withdrawal benefits ("GMWB") and guaranteed minimum income and withdrawal benefits ("GMIWB"), accounted for as embedded derivatives. The fair values of the GMAB, GMWB and GMIWB liabilities are calculated as the present value of future expected benefit payments to customers less the present value of assessed rider fees attributable to the embedded derivative feature. This methodology could result in either a liability or contra-liability balance, given changing capital market conditions and various actuarial assumptions. Since there is no observable active market for the transfer of these obligations, the valuations are calculated using internallydeveloped models with option pricing techniques. The models are based on a risk neutral valuation framework and incorporate premiums for risks inherent in valuation techniques, inputs, and the general uncertainty around the timing and amount of future cash flows. The determination of these risk premiums requires the use of management judgment.

The significant inputs to the valuation models for these embedded derivatives include capital market assumptions, such as interest rate levels and volatility assumptions, the Company's market-perceived risk of its own non-performance ("NPR"), as well as actuarially determined assumptions, including contractholder behavior, such as lapse rates, benefit utilization rates, withdrawal rates, and mortality rates. Since many of these assumptions are unobservable and are considered to be significant inputs to the liability valuation, the liability included in future policy benefits has been reflected within Level 3 in the fair value hierarchy.

Capital market inputs and actual policyholders' account values are updated each quarter based on capital market conditions as of the end of the quarter, including interest rates, equity markets and volatility. In the risk neutral valuation, the initial swap curve drives the total return used to grow the policyholders' account values. The Company's discount rate assumption is based on the LIBOR swap curve adjusted for an additional spread relative to LIBOR to reflect NPR.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

Actuarial assumptions, including contractholder behavior and mortality, are reviewed at least annually, and updated based upon emerging experience, future expectations and other data, including any observable market data, such as available industry studies or market transactions such as acquisitions and reinsurance transactions. These assumptions are generally updated in the third quarter of each year unless a material change that the Company feels is indicative of a long term trend is observed in an interim period.

Transfers between Levels $\mathbf{1}$ and 2-Periodically there are transfers between Level 1 and Level 2 for assets held in the Company's Separate Account. The fair value of foreign common stock held in the Company's Separate Account may reflect differences in market levels between the close of foreign trading markets and the close of U.S. trading markets for the respective day. Dependent on the existence of such a timing difference, the asset may move between Level 1 and Level 2. In addition, the classification of Separate Account funds may vary dependent on the availability of information to the public. Should a fund's net asset value become publicly observable, the fund would be transferred from Level 2 to Level 1. During the year ended December 31, 2013, $\$ 4.0$ billion were transferred from Level 1 to Level 2 and $\$ 5.0$ billion were transferred from Level 2 to Level 1. During the year ended December 31, 2012, $\$ 5.0$ billion were transferred from Level 1 to Level 2 and $\$ 2.1$ billion were transferred from Level 2 to Level 1.

Level 3 Assets and Liabilities by Price Source-The table below presents the balances of Level 3 assets and liabilities measured at fair value with their corresponding pricing sources.

|  | As of December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Internal(1) | External(2) | Total |
|  | (in millions) |  |  |
| Foreign government bonds | \$ 0 | \$ 1 | \$ 1 |
| Corporate securities | 660 | 784 | 1,444 |
| Asset-backed securities | 283 | 3,562 | 3,845 |
| Commercial mortgage-backed securities | 14 | 151 | 165 |
| Residential mortgage-backed securities | 3 | 7 | 10 |
| Equity securities | 141 | 1,005 | 1,146 |
| Other long-term investments | 9 | 1,387 | 1,396 |
| Other assets | 10 | 0 | 10 |
| Subtotal excluding separate account assets(3) | 1,120 | 6,897 | 8,017 |
| Separate account assets | 21,665 | 938 | 22,603 |
| Total assets | \$22,785 | \$7,835 | \$30,620 |
| Future policy benefits | \$ 441 | \$ 0 | \$ 441 |
| Other liabilities | 5 | 0 | 5 |
| Notes of consolidated VIEs | 0 | 3,254 | 3,254 |
| Total liabilities | \$ 446 | \$3,254 | \$ 3,700 |


|  | As of December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: |
|  | Internal(1) | External(2) | Total |
|  | (in millions) |  |  |
| Corporate securities | \$ 889 | \$ 875 | \$ 1,764 |
| Asset-backed securities | 338 | 3,796 | 4,134 |
| Commercial mortgage-backed securities | 68 | 64 | 132 |
| Residential mortgage-backed securities | 3 | 10 | 13 |
| Equity securities | 101 | 1,327 | 1,428 |
| Commercial mortgage and other loans | 48 | 0 | 48 |
| Other long-term investments | 9 | 1,044 | 1,053 |
| Other assets | 33 | 0 | 33 |
| Subtotal excluding separate account assets(3) | 1,489 | 7,116 | 8,605 |
| Separate account assets | 20,422 | 710 | 21,132 |
| Total assets | \$21,911 | \$7,826 | \$29,737 |
| Future policy benefits | \$ 3,348 | \$ 0 | \$ 3,348 |
| Notes of consolidated VIEs | 0 | 1,406 | 1,406 |
| Total liabilities | \$ 3,348 | \$1,406 | \$ 4,754 |

[^9]
# PRUDENTIAL FINANCIAL, INC. <br> <br> Notes to Consolidated Financial Statements 

 <br> <br> Notes to Consolidated Financial Statements}

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

Quantitative Information Regarding Internally-Priced Level 3 Assets and Liabilities-The table below represents quantitative information on significant internally-priced Level 3 assets and liabilities.

|  | As of December 31, 2013 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Valuation Techniques | Unobservable Inputs | Minimum |  | Maximum | Weighted Average | Impact of Increase in Input on Fair Value(1) |
|  | (in millions) |  |  |  |  |  |  |  |
| Assets: |  |  |  |  |  |  |  |  |
| Corporate securities | \$660 | Discounted cash flow | Discount rate | 1.25\% | - | 15\% | 8.52\% | Decrease |
|  |  | Market comparables | EBITDA multiples(2) | 5.0X | - | 8.0X | 6.0X | Increase |
|  |  | Liquidation | Liquidation value | 11.61\% | - | 100.0\% | 59.17\% | Increase |
| Asset—backed securities | \$283 | Discounted cash flow | Prepayment rate(3) | 2.82\% | - | 27.41\% | 10.23\% | Increase |
|  |  |  | Default rate(3) | 0.49\% | - | 31.85\% | 2.62\% | Decrease |
|  |  |  | Loss severity (3) | 15.06\% | - | 45.00\% | 33.00\% | Decrease |
|  |  |  | Liquidity premium | 1.00\% | - | 2.00\% | 1.90\% | Decrease |
|  |  |  | Average life (years) | 0.16 | - | 14.76 | 5.05 | Increase |
|  |  |  | Comparable spreads | 0.19\% | - | 45.19\% | 3.65\% | Decrease |
|  |  |  | Comparable security yields | 0.61\% | - | 10.00\% | 6.52\% | Decrease |
| Liabilities: |  |  |  |  |  |  |  |  |
| Future policy benefits(4) | \$441 | Discounted cash flow | Lapse rate(5) | 0\% | - | 11\% |  | Decrease |
|  |  |  | NPR spread(6) | 0.08\% | - | 1.09\% |  | Decrease |
|  |  |  | Utilization rate(7) | 70\% | - | 94\% |  | Increase |
|  |  |  | Withdrawal rate(8) | 86\% | - | 100\% |  | Increase |
|  |  |  | Mortality rate(9) | 0\% | - | 13\% |  | Decrease |
|  |  |  | Equity volatility curve | 15\% | - | 28\% |  | Increase |


|  | As of December 31, 2012 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Valuation Techniques | Unobservable Inputs | Minimum |  | Maximum | Weighted Average | Impact of Increase in Input on Fair Value(1) |
|  | (in millions) |  |  |  |  |  |  |  |
| Assets: |  |  |  |  |  |  |  |  |
| Corporate securities | \$ 889 | Discounted cash flow | Discount rate | 1.7\% | - | 17.5\% | 9.92\% | Decrease |
|  |  | Market comparables | EBITDA multiples(2) | 5.0X | - | 8.5X | 6.2 X | Increase |
|  |  | Cap at call price | Call price | 100\% | - | 101\% | 100.24\% | Increase |
|  |  | Liquidation | Liquidation value | 49\% | - | 100.0\% | 83.06\% | Increase |
| Asset-backed securities | \$ 338 | Discounted cash flow | Prepayment rate(3) | 2.8\% | - | 29.0\% | 9.84\% | Increase |
|  |  |  | Default rate(3) | 0.5\% | - | 2.52\% | 0.84\% | Decrease |
|  |  |  | Loss severity (3) | 35\% | - | 43.88\% | 35.76\% | Decrease |
|  |  |  | Liquidity premium | 1.0\% | - | 2.50\% | 1.83\% | Decrease |
|  |  |  | Average life (years) | 0.1 | - | 15 | 5.61 | Increase |
|  |  |  | Comparable spreads | 0.1\% | - | 20\% | 2.81\% | Decrease |
|  |  |  | Comparable security yields | 0.4\% | - | 15\% | 7.59\% | Decrease |
| Liabilities: |  |  |  |  |  |  |  |  |
| Future policy benefits(4) | \$3,348 | Discounted cash flow | Lapse rate(5) | 0\% | - | 14\% |  | Decrease |
|  |  |  | NPR spread(6) | 0.20\% | - | 1.60\% |  | Decrease |
|  |  |  | Utilization rate(7) | 70\% | - | 94\% |  | Increase |
|  |  |  | Withdrawal rate(8) | 85\% | - | 100\% |  | Increase |
|  |  |  | Mortality rate(9) | 0\% | - | 13\% |  | Decrease |
|  |  |  | Equity volatility curve | 19\% | - | 34\% |  | Increase |

[^10]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

(5) Base lapse rates are adjusted at the contract level based on a comparison of the benefit amount and the policyholder account value and reflect other factors, such as the applicability of any surrender charges. A dynamic lapse adjustment reduces the base lapse rate when the benefit amount is greater than the account value, as in-the-money contracts are less likely to lapse. Lapse rates are also generally assumed to be lower for the period where surrender charges apply.
(6) To reflect NPR, the Company incorporates an additional spread over LIBOR into the discount rate used in the valuation of individual living benefit contracts in a liability position and generally not to those in a contra-liability position. In determining the NPR spread, the Company reflects the financial strength ratings of the Company's insurance subsidiaries as these are insurance liabilities and senior to debt. The additional spread over LIBOR is determined by utilizing the credit spreads associated with issuing funding agreements, adjusted for any illiquidity risk premium.
(7) The utilization rate assumption estimates the percentage of contracts that will utilize the benefit during the contract duration, and begin lifetime withdrawals at various time intervals from contract inception. The remaining contractholders are assumed to either begin lifetime withdrawals immediately or never utilize the benefit. These assumptions vary based on the product type, the age of the contractholder and the age of the contract. The impact of changes in these assumptions is highly dependent on the contract type and age of the contractholder at the time of the sale and the timing of the first lifetime income withdrawal.
(8) The withdrawal rate assumption estimates the magnitude of annual contractholder withdrawals relative to the maximum allowable amount under the contract. The fair value of the liability will generally increase the closer the withdrawal rate is to $100 \%$.
(9) Range reflects the mortality rate for the vast majority of business with living benefits, with policyholders ranging from 35 to 90 years old. While the majority of living benefits have a minimum age requirement, certain benefits do not have an age restriction. This results in contractholders for certain benefits with mortality rates approaching $0 \%$. Based on historical experience, the Company applies a set of age and duration specific mortality rate adjustments compared to standard industry tables. A mortality improvement assumption is also incorporated into the overall mortality table.

Interrelationships Between Unobservable Inputs-In addition to the sensitivities of fair value measurements to changes in each unobservable input in isolation, as reflected in the table above, interrelationships between these inputs may also exist, such that a change in one unobservable input may give rise to a change in another or multiple inputs. Examples of such interrelationships for significant internally-priced Level 3 assets and liabilities are as follows:

Corporate Securities-The rate used to discount future cash flows reflects current risk-free rates plus credit and liquidity spread requirements that market participants would use to value an asset. The discount rate may be influenced by many factors, including market cycles, expectations of default, collateral, term, and asset complexity. Each of these factors can influence discount rates, either in isolation, or in response to other factors.

Asset-Backed Securities-Interrelationships may exist between the prepayment rate, the default rate and/or loss severity, depending on specific market conditions. In stronger business cycles, prepayment rates are generally driven by overall market interest rates, and accompanied by lower default rates and loss severity. During weaker cycles, prepayments may decline, as default rates and loss severity increase. Additionally, the impact of these factors on average life varies with the structure and subordination.

Future Policy Benefits-The unobservable contractholder behavior inputs related to the liability for the optional living benefit features of the Company's variable annuity contracts included in future policy benefits are generally based on emerging experience, future expectations and other data. While experience for these products is still emerging, the Company expects efficient benefit utilization and withdrawal rates to generally be correlated with lapse rates. However, behavior is generally highly dependent on the facts and circumstances surrounding the individual contractholder, such as their liquidity needs or tax situation, which could drive lapse behavior independent of other contractholder behavior assumptions. The dynamic lapse adjustment assumes lower lapses when the benefit amount is greater than the account value, as in-the-money contracts are less likely to lapse. Therefore, to the extent more efficient contractholder behavior results in greater in-the-moneyness at the contract level, the dynamic lapse function will reduce lapse rates for those contracts. Similarly, to the extent that increases in equity volatility are correlated with overall declines in the capital markets, the dynamic lapse function will lower overall lapse rates as contracts become more in-the-money.

Separate Account Assets-In addition to the significant internally-priced Level 3 assets and liabilities presented and described above, the Company also has internally-priced separate account assets reported within Level 3. Changes in the fair value of separate account assets are borne by customers and thus are offset by changes in separate account liabilities on the Company's Consolidated Statement of Financial Position. As a result, changes in value associated with these investments do not impact the Company's Consolidated Statement of Operations. In addition, fees earned by the Company related to the management of most separate account assets classified as Level 3 do not change due to changes in the fair value of these investments. Quantitative information about significant internally-priced Level 3 separate account assets is as follows:

Real Estate and Other Invested Assets-Separate account assets include $\$ 20,806$ million and $\$ 19,518$ million of investments in real estate as of December 31, 2013 and December 31, 2012, respectively, that are classified as Level 3 and reported at fair value. In general, these fair value estimates are based on property appraisal reports prepared by independent real estate appraisers. Key inputs and assumptions to the appraisal process include rental income and expense amounts, related growth rates, discount rates and capitalization rates. In cases where real estate investments are made through indirect investments, fair value is generally determined by the Company's equity in net assets of the entities. The debt associated with real estate, other invested assets and the Company's equity position in entities are externally valued. Because of the subjective nature of inputs and the judgment involved in the appraisal process, real estate investments and their corresponding debt are typically included in the Level 3 classification. Key unobservable inputs to real estate valuation include capitalization rates, which ranged from $4.15 \%$ to $11.00 \%$ ( $6.35 \%$ weighted average) as of December 31, 2013, and $4.75 \%$ to $10.50 \%$ ( $6.49 \%$ weighted average) as of December 31, 2012, and discount rates, which ranged from $6.00 \%$ to $15.00 \%$ ( $7.71 \%$ weighted average) as

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

of December 31, 2013, and $6.25 \%$ to $15.00 \% ~(7.92 \%$ weighted average) as of December 31, 2012. Key unobservable inputs to real estate debt valuation include yield to maturity, which ranged from $1.13 \%$ to $6.85 \%$ ( $4.17 \%$ weighted average) as of December 31, 2013, and $3.59 \%$ to $7.62 \%$ ( $4.74 \%$ weighted average) as of December 31, 2012, and market spread over base rate, which ranged from $1.60 \%$ to $4.75 \%$ ( $2.87 \%$ weighted average) as of December 31, 2013, and $1.67 \%$ to $4.48 \%$ ( $3.22 \%$ weighted average) as of December 31, 2012.

Commercial Mortgage Loans-Separate account assets include $\$ 793$ million and $\$ 833$ million of commercial mortgage loans as of December 31, 2013 and December 31, 2012, respectively, that are classified as Level 3 and reported at fair value. Commercial mortgage loans are primarily valued internally using discounted cash flow techniques, as described further under "Fair Value of Financial Instruments." The primary unobservable input used is the spread to discount cash flows, which ranged from $1.25 \%$ to $1.98 \%$ ( $1.47 \%$ weighted average) as of December 31, 2013, and $1.65 \%$ to $4.15 \%$ ( $1.87 \%$ weighted average) as of December 31, 2012. In isolation, an increase (decrease) in the value of this input would result in a lower (higher) fair value measurement.

Valuation Process for Fair Value Measurements Categorized within Level 3-The Company has established an internal control infrastructure over the valuation of financial instruments that requires ongoing oversight by its various Business Groups. These management control functions are segregated from the trading and investing functions. For invested assets, the Company has established oversight teams, often in the form of Pricing Committees within each asset management group. The teams, which typically include representation from investment, accounting, operations, legal and other disciplines are responsible for overseeing and monitoring the pricing of the Company's investments and performing periodic due diligence reviews of independent pricing services. An actuarial valuation team oversees the valuation of optional living benefit features of the Company's variable annuity contracts.

The Company has also established policies and guidelines that require the establishment of valuation methodologies and consistent application of such methodologies. These policies and guidelines govern the use of inputs and price source hierarchies and provide controls around the valuation processes. These controls include appropriate review and analysis of investment prices against market activity or indicators of reasonableness, approval of price source changes, price overrides, methodology changes and classification of fair value hierarchy levels. For optional living benefit features of the Company's variable annuity products, the actuarial valuation unit periodically performs baseline testing of contract input data and actuarial assumptions are reviewed at least annually, and updated based upon emerging experience, future expectations and other data, including any observable market data, such as available industry studies. The valuation policies and guidelines are reviewed and updated as appropriate.

Within the trading and investing functions, the Company has established policies and procedures that relate to the approval of all new transaction types, transaction pricing sources and fair value hierarchy coding within the financial reporting system. For variable annuity product changes or new launches of optional living benefit features, the actuarial valuation unit validates input logic and new product features and agrees new input data directly to source documents.

Changes in Level 3 assets and liabilities-The following tables provide summaries of the changes in fair values of Level 3 assets and liabilities as of the dates indicated, as well as the portion of gains or losses included in income attributable to unrealized gains or losses related to those assets and liabilities still held at the end of their respective periods.

|  | Year Ended December 31, 2013 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fixed Maturities Available-For-Sale |  |  |  |  |  |  |
|  | U.S. <br> Government | U.S. States | $\begin{gathered} \text { Foreign } \\ \text { Government } \end{gathered}$ | Corporate | AssetBacked | $\begin{gathered} \text { Commercial } \\ \text { Mortgage- } \\ \text { Backed } \end{gathered}$ | Residential MortgageBacked |
|  | (in millions) |  |  |  |  |  |  |
| Fair Value, beginning of period | \$0 | \$0 | \$ 0 | \$1,630 | \$ 3,703 | \$ 124 | \$11 |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | 0 | (30) | 29 | 37 | 0 |
| Included in other comprehensive income (loss) | 0 | 0 | (1) | (18) | (8) | (19) | 0 |
| Net investment income | 0 | 0 | 0 | (4) | 35 | 0 | 0 |
| Purchases | 0 | 0 | 4 | 477 | 2,412 | 438 | 0 |
| Sales | 0 | 0 | (1) | (126) | (320) | (51) | 0 |
| Issuances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlements | 0 | 0 | (2) | (579) | $(1,227)$ | (41) | (3) |
| Foreign currency translation | 0 | 0 | 0 | (127) | (110) | (9) | 0 |
| Other(1) ......... | 0 | 0 | 0 | 0 | (170) | 0 | 0 |
| Transfers into Level 3(2) | 0 | 0 | 13 | 573 | 10 | 0 | 0 |
| Transfers out of Level 3(2) | 0 | 0 | (12) | (467) | (912) | (314) | 0 |
| Fair Value, end of period | \$0 | \$0 | \$ 1 | \$1,329 | \$ 3,442 | \$ 165 | \$ 8 |
| Unrealized gains (losses) for assets still held(3): |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | \$0 | \$0 | \$ 0 | \$ (53) | \$ 13 | \$ 0 | \$ 0 |

# PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements 

20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2013 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Account Assets |  |  |  |  |  |  |
|  | $\begin{gathered} \text { U.S } \\ \text { Government } \end{gathered}$ | Corporate | Asset- <br> Backed | Commercial <br> Mortgage- <br> Backed | Residential MortgageBacked | Equity | $\begin{gathered} \text { All } \\ \text { Other } \\ \text { Activity } \end{gathered}$ |
|  | (in millions) |  |  |  |  |  |  |
| Fair Value, beginning of period | \$0 | \$134 | \$ 431 | \$ 8 | \$2 | \$1,098 | \$ 25 |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | 0 | 0 | 0 | 0 | (16) |
| Asset management fees and other income | 0 | (8) | 8 | 0 | 0 | 63 | 2 |
| Net investment income | 0 | 0 | 5 | 1 | 0 | 0 | 0 |
| Purchases | 0 | 23 | 319 | 75 | 0 | 17 | 0 |
| Sales | 0 | (13) | (3) | (1) | 0 | (140) | 0 |
| Issuances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlements | 0 | (49) | (231) | (2) | 0 | (43) | (5) |
| Foreign currency translation | 0 | 0 | (8) | (1) | 0 | (153) | 0 |
| Other(1) | 0 | 0 | (75) | 0 | 0 | - | 0 |
| Transfers into Level 3(2) | 0 | 52 | 4 | 0 | 0 |  | 0 |
| Transfers out of Level 3(2) | 0 | (24) | (47) | (80) | 0 | 0 | 0 |
| Fair Value, end of period | \$0 | \$115 | \$ 403 | \$ 0 | \$2 | \$ 842 | \$ 6 |
| Unrealized gains (losses) for assets still held(3): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net . | \$0 |  |  |  | \$0 | \$ 0 | \$(16) |
| Asset management fees and other income | \$0 | \$ (7) | \$ 7 | \$ 0 | \$0 | \$ 50 | \$ 2 |


|  | Year Ended December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Equity } \\ & \text { Securities } \\ & \text { Available- } \\ & \text { For-Sale } \end{aligned}$ | Commercial Mortgage and Other Loans | Other <br> Long-term Investments | Other Asset |
|  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$330 | \$ 48 | \$1,053 | \$ 8 |
| Total gains (losses) (realized/unrealized): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net | 13 | 5 | 0 | (4) |
| Asset management fees and other income | 0 | 0 | 160 | 0 |
| Included in other comprehensive income (loss) | 58 | 0 | 0 | 0 |
| Purchases | 37 | 0 | 439 | 0 |
| Sales | (65) | 0 | 0 | 0 |
| Issuances | 0 | 0 | 0 | 0 |
| Settlements | (3) | (53) | (134) | 0 |
| Foreign currency translation | (53) | 0 | (13) | 0 |
| Other(1) | (18) | 0 | (109) | 0 |
| Transfers into Level 3(2) | 6 | 0 | 0 | 0 |
| Transfers out of Level 3(2) | (1) | 0 | 0 | 0 |
| Fair Value, end of period | \$304 | \$ 0 | \$1,396 | \$ 4 |
| Unrealized gains (losses) for assets still held(3): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net . | \$ (5) | \$ 0 | \$ (2) | \$(3) |
| Asset management fees and other income | \$ 0 | \$ 0 | \$ 155 | \$ 0 |

# ?PRUDENTIAL FINANCIAL, INC. <br> <br> Notes to Consolidated Financial Statements 

 <br> <br> Notes to Consolidated Financial Statements}

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Separate <br> Account <br> Assets(4) | Future <br> Policy <br> Benefits | Other Liabilities | Notes of consolidated VIEs |
|  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$21,132 | \$ $(3,348)$ | \$ 0 | \$ $(1,406)$ |
| Total gains (losses) (realized/unrealized): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net | 2 | 3,741 | (3) | 17 |
| Interest credited to policyholders' account balances | 2,649 | 0 | 0 | 0 |
| Net investment income | 20 | 0 | 0 | 0 |
| Purchases | 1,653 | 0 | 0 | 0 |
| Sales | (832) | 0 | 0 | 0 |
| Issuances | 0 | (836) | 0 | $(1,834)$ |
| Settlements | $(2,120)$ | ) | 0 | (31) |
| Foreign currency translation | 0 | 2 | 0 | 0 |
| Other(1) | 140 | 0 | (2) | 0 |
| Transfers into Level 3(2) | 89 | 0 | 0 | 0 |
| Transfers out of Level 3(2) | (130) | 0 | 0 | 0 |
| Fair Value, end of period | \$22,603 | \$ (441) | \$(5) | \$ 3,254 ) |
| Unrealized gains (losses) for assets/liabilities still held(3): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net | \$ 0 | \$ 3,647 | \$(3) | \$ 17 |
| Interest credited to policyholders' account | \$ 1,652 | \$ 0 | \$ 0 | \$ 0 |


|  | Year Ended December 31, 2012 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fixed Maturities Available-For-Sale |  |  |  |  |  |  |
|  | U.S. <br> Government | U.S. States | $\begin{gathered} \text { Foreign } \\ \text { Government } \end{gathered}$ | Corporate | AssetBacked | $\begin{gathered} \text { Commercial Residential } \\ \begin{array}{c} \text { Mortgage- } \\ \text { Backed } \end{array} \begin{array}{c} \text { Mortgage- } \\ \text { Backed } \end{array} \\ \hline \end{gathered}$ |  |
|  |  |  |  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$ 66 | \$ 0 | \$ 25 | \$1,450 | \$2,528 | \$145 | \$16 |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | 0 | (35) | 21 | 25 | 0 |
| Included in other comprehensive income (loss) | 0 | 0 | 0 | 195 | 102 | 11 | 0 |
| Net investment income . | 0 | 0 | 0 | 8 | 30 | (1) | 1 |
| Purchases | 0 | 10 | 0 | 375 | 2,640 | 44 | 0 |
| Sales | 0 | 0 | 0 | (165) | (426) | (28) | 0 |
| Issuances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlements | (2) | 0 | 0 | (325) | (673) | (14) | (6) |
| Foreign currency translation | 0 | 0 | 0 | (38) | (41) | (5) | 0 |
| Other(1) | (64) | 0 | (8) | 71 | 0 | 0 | 0 |
| Transfers into Level 3(2) | 0 | 0 | 8 | 306 | 60 | 37 | 0 |
| Transfers out of Level 3(2) | 0 | (10) | (25) | (212) | (538) | (90) | 0 |
| Fair Value, end of period |  |  | \$ 0 | \$1,630 | \$3,703 | \$124 | \$11 |

Unrealized gains (losses) for assets still held(3):
Included in earnings:
Realized investment gains (losses), net $\ldots \ldots \ldots \ldots \ldots \ldots \ldots$

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2012 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Account Assets |  |  |  |  |  |  |
|  | U.S. <br> Government | Corporate | $\left.\frac{(\text { in millions) }}{\begin{array}{c}\text { Asset- } \\ \text { Backed }\end{array}} \begin{array}{c}\text { Commercial } \\ \text { Mortgage- } \\ \text { Backed }\end{array}\right]$ |  | Residential MortgageBacked | Equity | All Other Activity |
|  |  |  |  |  |  |  |  |
| Fair Value, beginning of period | \$ 9 | \$148 | \$ 416 | \$ 35 | \$ 4 | \$1,296 | \$ 93 |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | 0 | 0 | 0 | 0 | (73) |
| Asset management fees and other income | 0 | (7) | 17 | 2 | 1 | 88 | 2 |
| Net investment income | 0 | 0 | 6 | 1 | 0 | 0 | 0 |
| Purchases | 0 | 22 | 182 | 16 | 2 | 21 | 0 |
| Sales | 0 | (12) | (12) | (5) | (3) | (170) | 0 |
| Issuances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlements | (2) | (25) | (112) | (4) | (1) | (89) | 6 |
| Foreign currency translation | 0 | 0 | (4) | (1) | 0 | (70) | 0 |
| Other(1) | (7) | 7 | 1 | 0 | (1) | 3 | (3) |
| Transfers into Level 3(2) | 0 | 5 | 4 | 82 | 0 | 20 | 0 |
| Transfers out of Level 3(2) | 0 | (4) | (67) | (118) | 0 | (1) | 0 |
| Fair Value, end of period | \$ 0 | \$134 | \$ 431 | \$ 8 | \$ 2 | \$1,098 | \$ 25 |
| Unrealized gains (losses) for assets still held(3): Included in earnings: |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ (1) | \$(73) |
| Asset management fees and other income | \$ 0 | \$(10) | \$ 14 | \$ 2 | \$ 0 | \$ 78 | \$ 2 |


|  | Year Ended December 31, 2012 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Equity Securities Available-For-Sale | Commercial Mortgage and Other Loans | Other <br> Long-term Investments | Short-term Investments |
|  | (in millions) |  |  |  |
| Fair Value, beginning of period | \$360 | \$ 86 | \$1,110 | \$ 0 |
| Total gains (losses) (realized/unrealized): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net | (1) | 2 | 1 | (9) |
| Asset management fees and other income | 0 | 0 | 126 | 0 |
| Included in other comprehensive income (loss) | 29 | 0 | 0 | 0 |
| Net investment income | 0 | 0 | 6 | 0 |
| Purchases | 69 | 0 | 186 | 9 |
| Sales | (22) | 0 | (25) | 0 |
| Issuances | 0 | 0 | 0 | 0 |
| Settlements | 0 | (40) | (296) | 0 |
| Foreign currency translation | (18) | 0 | 2 | 0 |
| Other(1) . . . | 0 | 0 | 7 | 0 |
| Transfers into Level 3(2) | 5 | 0 | 0 | 0 |
| Transfers out of Level 3(2) | (92) | 0 | (64) | 0 |
| Fair Value, end of period | $\stackrel{\$ 330}{ }$ | \$48 | \$1,053 | \$0 |
| Unrealized gains (losses) for assets/liabilities still held(3): |  |  |  |  |
| Included in earnings: |  |  |  |  |
| Realized investment gains (losses), net . | \$ (1) | \$ 1 | \$ 1 | \$(9) |
| Asset management fees and other income |  |  | \$ 56 | \$ 0 |

## PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Other Assets | Separate Account Assets(4) | Future Policy Benefits | Other Liabilities | Notes of consolidated VIEs |
|  | (in millions) |  |  |  |  |
| Fair Value, beginning of period | \$ 9 | \$19,358 | \$(2,886) | \$ (3) | \$ (282) |
| Total gains (losses) (realized/unrealized): |  |  |  |  |  |
| Included in earnings: |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | 231 | (23) | (4) |
| Asset management fees and other income | 2 | 0 | 0 | 0 | 0 |
| Interest credited to policyholders' account balances | 0 | 1,932 | 0 | 0 | 0 |
| Purchases | 0 | 4,230 | 0 | 0 | 0 |
| Sales | (3) | $(1,697)$ | 0 | 0 | 0 |
| Issuances | 0 | 0 | (694) | 0 | $(1,412)$ |
| Settlements | 0 | $(2,272)$ | 0 | 26 | 0 |
| Foreign currency translation | 0 | 0 | 1 | 0 | 0 |
| Other(1) | 0 | 0 | 0 | 0 | 292 |
| Transfers into Level 3(2) | 0 | 326 | 0 | 0 | 0 |
| Transfers out of Level 3(2) | 0 | (745) | 0 | 0 | 0 |
| Fair Value, end of period | \$ 8 | \$21,132 | \$(3,348) | \$ 0 | \$(1,406) |
| Unrealized gains (losses) for assets/liabilities still held(3): |  |  |  |  |  |
| Included in earnings: |  |  |  |  |  |
| Realized investment gains (losses), net | \$ 0 | \$ 0 | \$ 146 | \$(23) | \$ (4) |
| Asset management fees and other income | \$ 2 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Interest credited to policyholders' account ... | \$ 0 | \$ 1,013 | \$ 0 | \$ 0 | \$ 0 |


|  | Year Ended December 31, 2011 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fixed Maturities Available-For-Sale |  |  |  |  |  |
|  | U.S. <br> Government | Foreign Government | Corporate | AssetBacked | $\begin{aligned} & \text { Commercial } \\ & \text { Mortgage- } \\ & \text { Backed } \end{aligned}$ | Residential MortgageBacked |
|  | (in millions) |  |  |  |  |  |
| Fair Value, beginning of period | \$ 0 | \$27 | \$1,187 | \$1,753 | \$130 | \$23 |
| Total gains (losses) (realized/unrealized): |  |  |  |  |  |  |
| Included in earnings: |  |  |  |  |  |  |
| Realized investment gains (losses), net | 0 | 0 | (31) | 38 | (41) | 0 |
| Included in other comprehensive income (loss) | 0 | 2 | (139) | (14) | 8 | (1) |
| Net investment income | 0 | 0 | 9 | 24 | (1) | 0 |
| Purchases | 66 | 0 | 556 | 1,473 | 5 | 1 |
| Sales | 0 | (1) | (144) | (558) | (30) | (1) |
| Issuances . | 0 | 0 | 33 | 0 | 0 | 0 |
| Settlements | 0 | 0 | (387) | (373) | (36) | (5) |
| Foreign currency translation | 0 | 0 | 7 | 54 | 8 | 0 |
| Other(1) . ....... | 0 | 0 | 143 | 502 | 31 | (1) |
| Transfers into Level 3(2) | 0 | 0 | 893 | 252 | 76 | 0 |
| Transfers out of Level 3(2) | 0 | (3) | (677) | (623) | (5) | 0 |
| Fair Value, end of period | \$66 | \$25 | \$1,450 | \$2,528 | \$145 | \$16 |
| Unrealized gains (losses) for assets still held(3): |  |  |  |  |  |  |
| Included in earnings: |  |  |  |  |  |  |
| Realized investment gains (losses), net . . | \$ 0 | \$ 0 | \$ (39) | \$ 7 | \$(55) | \$ 0 |

# PRUDENTIAL FINANCIAL, INC. 

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2011 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Account Assets |  |  |  |  |  |  |
|  | U.S. <br> Government | Corporate | AssetBacked | Commercial <br> Mortgage- <br> Backed <br> (in millions) | Residential MortgageBacked | Equity Securities | All Other Activity |
|  |  |  |  |  |  |  |  |
| Fair Value, beginning of period | \$0 | \$117 | \$ 280 | \$ 24 | \$ 36 | \$ 30 | \$134 |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net . | 0 | 0 | 0 | 0 | 0 | 0 | (31) |
| Asset management fees and other income | 0 | 7 | (3) | 2 | 0 | (69) | 3 |
| Net investment income | 0 | 0 | 5 | 2 | 0 | 0 | 0 |
| Purchases | 9 | 82 | 305 | 10 | 0 | 39 | 0 |
| Sales | 0 | (18) | (41) | (13) | (2) | (107) | 0 |
| Issuances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlements | 0 | (39) | (106) | (5) | (2) | (126) | (18) |
| Foreign currency translation | 0 | 0 | 5 | 1 | 1 | 25 | 0 |
| Other(1) | 0 | (1) | 17 | 13 | (29) | 1,302 | 0 |
| Transfers into Level 3(2) | 0 | 44 | 39 | 24 | 0 | 202 | 5 |
| Transfers out of Level 3(2) | 0 | (44) | (85) | (23) | 0 | 0 | 0 |
| Fair Value, end of period | \$9 | \$148 | \$ 416 | \$ 35 | \$ 4 | \$1,296 | \$ 93 |
| Unrealized gains (losses) for assets still held(3): Included in earnings: |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Realized investment gains (losses), net . | \$0 |  | \$ 0 |  |  | \$ 0 | \$ (31) |
| Asset management fees and other income | \$0 | \$ 5 | \$ (7) | \$ (1) | \$ 0 | \$ (80) | \$ 3 |


|  | Year Ended December 31, 2011 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Equity Securities Available For-Sale | Commercia <br> Mortgage - and Other Loans | Other Long-term Investments | Other Assets | Separate Account Assets(4) | Future Policy Benefits | Other Liabilities and notes of consolidated VIEs(5) |
|  | (in millions) |  |  |  |  |  |  |
| Fair Value, beginning of period | \$ 355 | \$ 212 | \$ 768 | \$9 | \$15,792 | \$ 204 | \$ (3) |
| Total gains (losses) (realized/unrealized): Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | (16) | 15 | 2 | 0 | 0 | $(2,554)$ | (16) |
| Asset management fees and other income | 0 | 0 | (1) | 0 | 0 | 0 | 0 |
| Interest credited to policyholders' account balance | 0 | 0 | 0 | 0 | 2,868 | 0 | 0 |
| Included in other comprehensive income (loss) | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net investment income | 0 | 0 | (27) | 0 | 0 | 0 | 0 |
| Purchases | 63 | 0 | 280 | 0 | 3,111 | 0 | 0 |
| Sales | (66) | 0 | (25) | 0 | $(1,462)$ | 0 | 0 |
| Issuances | ) | 0 | 0 | 0 | 3 | (506) | (284) |
| Settlements | (46) | (141) | (168) | 0 | $(1,156)$ | (1) | 18 |
| Foreign currency translation | 75 | 0 | 14 | 0 | 0 | 1 | 0 |
| Other(1) | (853) | 0 | 267 | 0 |  | (30) | 0 |
| Transfers into Level 3(2) | 823 | 0 | 0 | 0 | 864 | 0 | 0 |
| Transfers out of Level 3(2) | (2) | 0 | 0 | 0 | (662) | 0 | 0 |
| Fair Value, end of period | \$ 360 | \$ 86 | \$1,110 | \$9 | \$19,358 | \$(2,886) | \$(285) |
| Unrealized gains (losses) for assets still held(3): |  |  |  |  |  |  |  |
| Included in earnings: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net | \$ (25) | \$ 15 | \$ 2 | \$0 | \$ 0 | \$(2,566) | \$ (17) |
| Asset management fees and other income . . . . |  |  | \$ 24 | \$0 | \$ 0 | \$ 0 | \$ 0 |
| Interest credited to policyholders' account balances | \$ 0 | \$ 0 | \$ 0 | \$0 | \$ 1,823 | \$ 0 | \$ 0 |

[^11]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

Transfers-Transfers into Level 3 are generally the result of unobservable inputs utilized within valuation methodologies and the use of indicative broker quotes for assets that were previously valued using observable inputs. Transfers out of Level 3 are generally due to the use of observable inputs in valuation methodologies as well as the utilization of pricing service information for certain assets that the Company is able to validate.

For the year ended December 31, 2012, the majority of the Equity Securities Available-for-Sale transfers out of Level 3 were due to the determination that the pricing inputs for certain equity securities did not have a material liquidity discount and therefore, should be classified as Level 1, not Level 3.

For the year ended December 31, 2011, the majority of Equity Securities Available-for-Sale and Trading Account Assets—Equity Securities transfers into Level 3 were due to the determination that the pricing inputs for perpetual preferred stocks provided by third party pricing services were primarily based on indicative broker quotes which could not always be verified against directly observable market information.

## Derivative Fair Value Information

The following tables present the balance of derivative assets and liabilities measured at fair value on a recurring basis, as of the date indicated, by primary underlying. These tables exclude embedded derivatives which are typically recorded with the associated host contract. The derivative assets and liabilities shown below are included in "Other trading account assets," "Other long-term investments" or "Other liabilities" in the tables presented previously in this note, under the headings "Assets and Liabilities by Hierarchy Level" and "Changes in Level 3 Assets and Liabilities."

|  |  | As of | Decembe | 31, 2013 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | Level 2 | Level 3 | Netting(1) | Total |
|  |  |  | (in millio |  |  |
| Derivative assets: |  |  |  |  |  |
| Interest Rate | \$ 10 | \$ 6,122 | \$ 8 | \$ 0 | \$ 6,140 |
| Currency | 0 | 593 | 0 | 0 | 593 |
| Credit | 0 | 3 | 0 | 0 | 3 |
| Currency/Interest Rate | 0 | 647 | 0 | 0 | 647 |
| Equity | 14 | 376 | 0 | 0 | 390 |
| Commodity | 1 | 0 | 0 | 0 | 1 |
| Netting(1) | 0 | 0 | 0 | $(7,241)$ | $(7,241)$ |
| Total derivative assets | \$ 25 | \$ 7,741 | \$ 8 | \$ $(7,241)$ | \$ 533 |
| Derivative liabilities: |  |  |  |  |  |
| Interest Rate | \$ 5 | \$ 7,597 | \$ 5 | \$ 0 | \$ 7,607 |
| Currency | 0 | 425 | 0 | 0 | 425 |
| Credit | 0 | 49 | 0 | 0 | 49 |
| Currency/Interest Rate | 0 | 857 | 0 | 0 | 857 |
| Equity | 1 | 474 | 0 | 0 | 475 |
| Commodity | 0 | 0 | 0 | 0 | 0 |
| Netting(1) | 0 | 0 | 0 | $(7,257)$ | $(7,257)$ |
| Total derivative liabilities | \$ 6 | \$ 9,402 | \$ 5 | \$ $(7,257)$ | \$ 2,156 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | As of December 31, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 1 | $\underline{\text { Level } 2}$ | Level 3 | Netting(1) | Total |
|  |  |  | (in millio |  |  |
| Derivative assets: |  |  |  |  |  |
| Interest Rate | \$ 11 | \$11,675 | \$ 5 | \$ 0 | \$ 11,691 |
| Currency | 0 | 432 | 0 | 0 | 432 |
| Credit | 0 | 19 | 0 | 0 | 19 |
| Currency/Interest Rate | 0 | 450 | 0 | 0 | 450 |
| Equity ... | 63 | 518 | 19 | 0 | 600 |
| Commodity | 0 | 0 | 0 | 0 | 0 |
| Netting(1) | 0 | 0 | 0 | $(10,117)$ | $(10,117)$ |
| Total derivative assets . | \$ 74 | \$13,094 | \$24 | \$(10,117) | \$ 3,075 |
| Derivative liabilities: |  |  |  |  |  |
| Interest Rate | \$ 11 | \$ 6,783 | \$ 2 | \$ 0 | \$ 6,796 |
| Currency | 0 | 517 | 0 | 0 | 517 |
| Credit | 0 | 84 | 0 | 0 | 84 |
| Currency/Interest Rate | 0 | 578 | 0 | 0 | 578 |
| Equity . . . | 165 | 198 | 0 | 0 | 363 |
| Commodity | 0 | 0 | 0 | 0 | 0 |
| Netting(1) | 0 | 0 | 0 | $(8,031)$ | $(8,031)$ |
| Total derivative liabilities | \$176 | \$8,160 | \$2 | \$ (8,031) | \$ 307 |

(1) "Netting" amounts represent cash collateral and the impact of offsetting asset and liability positions held with the same counterparty.

Changes in Level 3 derivative assets and liabilities-The following tables provide a summary of the changes in fair value of Level 3 derivative assets and liabilities for the year ended December 31, 2013, as well as the portion of gains or losses included in income for the year ended December 31, 2013, attributable to unrealized gains or losses related to those assets and liabilities still held at December 31, 2013.

|  | Year Ended December 31, 2013 |  |  |
| :---: | :---: | :---: | :---: |
|  | Derivative AssetsEquity | Derivative AssetsCredit | $\begin{gathered} \text { Derivative } \\ \text { Assets- } \\ \text { Interest Rate } \end{gathered}$ |
|  | (in millions) |  |  |
| Fair Value, beginning of period | \$ 19 | \$0 | \$3 |
| Total gains or (losses) (realized/unrealized): |  |  |  |
| Included in earnings: |  |  |  |
| Realized investment gains (losses), net | (15) | 0 | 0 |
| Asset management fees and other income . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0 | 0 | 0 |
| Purchases | 0 | 0 | 0 |
| Sales | 0 | 0 | 0 |
| Issuances | 0 | 0 | 0 |
| Settlements | (4) | 0 | 0 |
| Transfers into Level 3(1) | 0 | 0 | 0 |
| Transfers out of Level 3(1) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0 | 0 | 0 |
| Fair Value, end of period | \$ 0 | \$0 | \$3 |
| Unrealized gains (losses) for the period relating to those level 3 assets that were still held at the end of the period: |  |  |  |
| Included in earnings: |  |  |  |
| Realized investment gains (losses), net | \$(15) | \$0 | \$0 |
| Asset management fees and other income | \$ 0 | \$0 | \$0 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

|  | Year Ended December 31, 2012 |  |  |
| :---: | :---: | :---: | :---: |
|  | Derivative AssetsEquity | Derivative AssetsCredit | Derivative AssetsInterest Rate |
|  | (in millions) |  |  |
| Fair Value, beginning of period | \$ 83 | \$ 1 | \$(1) |
| Total gains or (losses) (realized/unrealized): |  |  |  |
| Included in earnings: |  |  |  |
| Realized investment gains (losses), net | (70) | (1) | 4 |
| Asset management fees and other income | 0 | 0 | 0 |
| Purchases | 6 | 0 | 0 |
| Sales | 0 | 0 | 0 |
| Issuances | 0 | 0 | 0 |
| Settlements | 0 | 0 | 0 |
| Transfers into Level 3(1) | 0 | 0 | 0 |
| Transfers out of Level 3(1) | 0 | 0 | 0 |
| Fair Value, end of period | \$ 19 | \$ 0 | \$ 3 |
| Unrealized gains (losses) for the period relating to those level 3 assets that were still held at the end of the period: |  |  |  |
| Included in earnings: |  |  |  |
| Realized investment gains (losses), net | \$(70) | \$(1) | \$ 4 |
| Asset management fees and other income ... | \$ 0 | \$ 0 | \$ 0 |

(1) Transfers into or out of Level 3 are generally reported as the value as of the beginning of the quarter in which the transfer occurs.

Nonrecurring Fair Value Measurements-Certain assets and liabilities are measured at fair value on a nonrecurring basis. Nonrecurring fair value reserve adjustments resulted in a net loss of $\$ 9$ million for the year ended December 31, 2013 on certain commercial mortgage loans. The carrying value of these loans as of December 31, 2013 was $\$ 27$ million. Valuation reserve adjustments on certain commercial mortgage loans for the year ended December 31, 2012, resulted in a net gain of \$2 million and a net loss of $\$ 7$ million for the year ended December 31, 2011. The adjustments were based on discounted cash flows utilizing market rates or the fair value of the underlying real estate collateral and the underlying assets were classified as Level 3 in the hierarchy.

There were no intangible asset impairments recorded for the years ended December 31, 2013 and 2011. Impairments of $\$ 46$ million were recorded related to the write off of intangible assets for the year ended December 31, 2012. The impairments were primarily based on discounted cash flow models, using assumptions and inputs specific to the Company, and those underlying assets are therefore, classified as Level 3 in the valuation hierarchy. For certain cost method investments, impairments of $\$ 21$ million, $\$ 4$ million and $\$ 8$ million were recorded for the years ended December 31, 2013, 2012 and 2011, respectively. The methodologies utilized were primarily discounted future cash flow and, where appropriate, valuations provided by the general partners taking into consideration investment related expenses. These cost method investments are classified as Level 3 in the valuation hierarchy.

For mortgage servicing rights, valuation reserves decreased, resulting in a gain of $\$ 16$ million for the year ended December 31, 2013. Similarly, valuation reserve increases of $\$ 14$ million and $\$ 9$ million were recorded for the years ended December 31, 2012 and 2011, respectively, for mortgage servicing rights. Mortgage servicing rights are valued based on internal models and classified as Level 3 in the valuation hierarchy. For real estate and property and equipment related investments, no impairments were recorded for the year ended December 31, 2013. Impairments of $\$ 4$ million and $\$ 22$ million for the years ended December 31, 2012 and 2011, respectively, were recorded for real estate investments, some of which were classified as discontinued operations. The impairments for these real estate investments were based primarily on appraisal values and the assets were therefore classified as Level 3 in the valuation hierarchy.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

Fair Value Option-The following table presents information regarding changes in fair values recorded in earnings for commercial mortgage loans, other long-term investments and notes issued by consolidated variable interest entities, where the fair value option has been elected.

|  | Years Ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Assets: |  |  |  |
| Commercial mortgage loans: |  |  |  |
| Changes in instrument-specific credit risk | \$ 0 | \$ 0 | \$ 1 |
| Other changes in fair value | 0 | (1) | 4 |
| Other long-term investments: |  |  |  |
| Changes in fair value | 68 | 40 | (5) |
| Liabilities: |  |  |  |
| Notes issued by consolidated variable interest entities: |  |  |  |
| Changes in fair value . | \$(17) | \$ 2 | \$ 0 |

Changes in fair value are reflected in "Realized investment gains (losses), net" for commercial mortgage loans and "Asset management fees and other income" for other long-term investments and notes issued by consolidated variable interest entities. Changes in fair value due to instrument-specific credit risk are estimated based on changes in credit spreads and quality ratings for the period reported.

Interest income on commercial mortgage loans is included in net investment income. For the years ended December 31, 2013, 2012 and 2011, the Company recorded $\$ 10$ million, $\$ 13$ million and $\$ 12$ million of interest income, respectively, on these fair value option loans. Interest income on these loans is recorded based on the effective interest rates as determined at the closing of the loan.

The fair values and aggregate contractual principal amounts of commercial mortgage loans, for which the fair value option has been elected, were $\$ 158$ million and $\$ 154$ million, respectively, as of December 31, 2013, and $\$ 162$ million and $\$ 156$ million, respectively, as December 31, 2012. As of December 31, 2013, there were no loans in non-accrual status and none of the loans are more than 90 days past due and still accruing.

The fair value of other long-term investments was $\$ 873$ million and $\$ 465$ million as of December 31, 2013 and 2012, respectively.
The fair value and aggregate contractual principal amounts of notes issued by consolidated variable interest entities, for which the fair value option has been elected, were $\$ 3,254$ million and $\$ 3,276$ million, respectively, as of December 31, 2013, and $\$ 1,406$ million and $\$ 1,422$ million, respectively, as December 31, 2012. Interest expense recorded for these liabilities was $\$ 106$ million and $\$ 21$ million for the years ended December 31, 2013 and 2012, respectively.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

## Fair Value of Financial Instruments

The table below presents the carrying amount and fair value by fair value hierarchy level of certain financial instruments that are not reported at fair value. However, in some cases, as described below, the carrying amount equals or approximates fair value.

|  | December 31, 2013 |  |  |  |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value |  |  |  | Carrying Amount(1) | $\begin{aligned} & \text { Fair } \\ & \text { Value } \end{aligned}$ | Carrying Amount |
|  | Level 1 | Level 2 | Level 3 | Total | Total | Total | Total |
|  |  |  |  | (in millio |  |  |  |
| Assets: |  |  |  |  |  |  |  |
| Fixed maturities, held-to-maturity |  | \$ 2,065 | \$ 1,488 | \$ 3,553 | \$ 3,312 | \$ 4,511 | \$ 4,268 |
| Commercial mortgage and other loans . | 0 | 639 | 42,010 | 42,649 | 40,850 | 39,554 | 36,570 |
| Policy loans | 0 | 0 | 11,766 | 11,766 | 11,766 | 14,592 | 11,575 |
| Other long term investments | 0 | 0 | 2,470 | 2,470 | 2,203 | 2,159 | 1,995 |
| Short-term investments | 0 | 518 | 0 | 518 | 518 | 57 | 57 |
| Cash and cash equivalents | 3,661 | 796 | 0 | 4,457 | 4,457 | 4,500 | 4,500 |
| Accrued investment income | 0 | 3,089 | 0 | 3,089 | 3,089 | 3,127 | 3,127 |
| Other assets | 162 | 2,147 | 252 | 2,561 | 2,561 | 2,601 | 2,601 |
| Total assets | \$3,823 | \$ 9,254 | \$57,986 | \$ 71,063 | \$ 68,756 | \$ 71,101 | \$ 64,693 |
| Liabilities: |  |  |  |  |  |  |  |
| Policyholders' account balances-investment contracts | \$ 0 | \$ 39,347 | \$57,253 | \$ 96,600 | \$ 95,476 | \$104,200 | \$101,232 |
| Securities sold under agreements to repurchase | 0 | 7,898 | 0 | 7,898 | 7,898 | 5,818 | 5,818 |
| Cash collateral for loaned securities | 0 | 5,040 | 0 | 5,040 | 5,040 | 3,941 | 3,941 |
| Short-term debt | 0 | 2,718 | 0 | 2,718 | 2,669 | 2,506 | 2,484 |
| Long-term debt | 1,078 | 19,453 | 5,038 | 25,569 | 23,553 | 27,497 | 24,729 |
| Notes of consolidated VIEs | 0 | 0 | 39 | 39 | 48 | 149 | 171 |
| Other liabilities | 0 | 5,803 | 266 | 6,069 | 6,069 | 6,356 | 6,356 |
| Separate account liabilities-investment contracts | 0 | 82,071 | 22,163 | 104,234 | 104,234 | 96,561 | 96,561 |
| Total liabilities | \$1,078 | \$162,330 | \$84,759 | \$248,167 | \$244,987 | \$247,028 | \$241,292 |

(1) Carrying values presented herein differ from those in the Company's Consolidated Statement of Financial Position because certain items within the respective financial statement captions are not considered financial instruments or out of scope under authoritative guidance relating to disclosures of the fair value of financial instruments. Financial statement captions excluded from the above table are not considered financial instruments.

The fair values presented above have been determined by using available market information and by applying market valuation methodologies, as described in more detail below.

## Fixed Maturities, Held-to-Maturity

The fair values of public fixed maturity securities are generally based on prices from third-party pricing services, which are reviewed to validate reasonableness. However, for certain public fixed maturity securities and investments in private placement fixed maturity securities, this information is either not available or not reliable. For these public fixed maturity securities, the fair value is based on indicative broker quotes, if available, or determined using a discounted cash flow model or internally-developed values. For private fixed maturities, fair value is determined using a discounted cash flow model. In determining the fair value of certain fixed maturity securities, the discounted cash flow model may also use unobservable inputs, which reflect the Company's own assumptions about the inputs market participants would use in pricing the security.

## Commercial Mortgage and Other Loans

The fair value of most commercial mortgage loans is based upon the present value of the expected future cash flows discounted at the appropriate U.S. Treasury rate or foreign government bond rate (for non-U.S. dollar-denominated loans) plus an appropriate credit spread for similar quality loans. The quality ratings for these loans, a primary determinant of the credit spreads and a significant component of the pricing process, are based on an internally-developed methodology.

Certain commercial mortgage loans are valued incorporating other factors, including the terms of the loans, the principal exit strategies for the loans, prevailing interest rates and credit risk. Other loan valuations are primarily based upon the present value of the expected future cash flows discounted at the appropriate local government bond rate and local market swap rates or credit default swap spreads, plus an appropriate credit spread and liquidity premium. The credit spread and liquidity premium are a significant component of the pricing inputs, and are based upon an internally-developed methodology, which takes into account, among other factors, the credit quality of the loans, the property type of the collateral, the weighted average coupon and the weighted average life of the loans.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

## Policy Loans

During the fourth quarter of 2013, the Company changed the valuation technique used to fair value policy loans. For the period ended December 31, 2013, the fair value of policy loans was determined by discounting expected cash flows at the current loan coupon rate. As a result, the carrying value of the policy loans approximates the fair value for the year ended December 31, 2013. Prior to this change, the fair value of U.S. insurance policy loans was calculated by discounting expected cash flows based upon current U.S. Treasury rates and historical loan repayment patterns, while Japanese insurance policy loans used the risk-free proxy based on the yen LIBOR.

## Other Long-term Investments

Other long-term investments include investments in joint ventures and limited partnerships. The estimated fair values of these cost method investments are generally based on the Company's share of the net asset value ("NAV") as provided in the financial statements of the investees. In certain circumstances, management may adjust the NAV by a premium or discount when it has sufficient evidence to support applying such adjustments. For the year end December 31, 2013 and 2012, no such adjustments were made.

## Short-Term Investments, Cash and Cash Equivalents, Accrued Investment Income and Other Assets

The Company believes that due to the short-term nature of certain assets, the carrying value approximates fair value. These assets include: certain short-term investments which are not securities, are recorded at amortized cost and include quality loans; cash and cash equivalent instruments; accrued investment income; and other assets that meet the definition of financial instruments, including receivables, such as reinsurance recoverables, unsettled trades, accounts receivable and restricted cash.

## Policyholders' Account Balances—Investment Contracts

Only the portion of policyholders' account balances related to products that are investment contracts (those without significant mortality or morbidity risk) are reflected in the table above. For fixed deferred annuities, single premium endowments, payout annuities and other similar contracts without life contingencies, fair values are derived using discounted projected cash flows based on interest rates that are representative of the Company's financial strength ratings, and hence reflect the Company's own non-performance risk. For guaranteed investment contracts, funding agreements, structured settlements without life contingencies and other similar products, fair values are derived using discounted projected cash flows based on interest rates being offered for similar contracts with maturities consistent with those of the contracts being valued. For those balances that can be withdrawn by the customer at any time without prior notice or penalty, the fair value is the amount estimated to be payable to the customer as of the reporting date, which is generally the carrying value. For defined contribution and defined benefit contracts and certain other products, the fair value is the market value of the assets supporting the liabilities.

## Securities Sold Under Agreements to Repurchase

The Company receives collateral for selling securities under agreements to repurchase, or pledges collateral under agreements to resell. Repurchase and resale agreements are also generally short-term in nature, and therefore, the carrying amounts of these instruments approximate fair value.

## Cash Collateral for Loaned Securities

Cash collateral for loaned securities represents the collateral received or paid in connection with loaning or borrowing securities, similar to the securities sold under agreement to repurchase above. For these transactions, the carrying value of the related asset or liability approximates fair value, as they equal the amount of cash collateral received/paid.

## Debt

The fair value of short-term and long-term debt, as well as notes issued by consolidated VIEs, is generally determined by either prices obtained from independent pricing services, which are validated by the Company, or discounted cash flow models. With the exception of the notes issued by consolidated VIEs for which recourse is limited to the assets of the respective VIE and does not extend to the general credit of the Company, the fair values of these instruments consider the Company's own non-performance risk. Discounted cash flow models predominately use market observable inputs such as the borrowing rates currently available to the Company for debt and financial instruments with similar terms and remaining maturities. For commercial paper issuances and other debt with a maturity of less than 90 days, the carrying value approximates fair value.

A portion of the senior secured notes issued by Prudential Holdings, LLC (the "IHC debt") is insured by a third-party financial guarantee insurance policy. The effect of the third-party credit enhancement is not included in the fair value measurement of the IHC debt and the methodologies used to determine fair value consider the Company's own non-performance risk.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 20. FAIR VALUE OF ASSETS AND LIABILITIES (continued)

## Other Liabilities

Other liabilities are primarily payables, such as reinsurance payables, unsettled trades, drafts and accrued expense payables. Due to the short term until settlement of most of these liabilities, the Company believes that carrying value approximates fair value.

## Separate Account Liabilities—Investment Contracts

Only the portion of separate account liabilities related to products that are investments contracts are reflected in the table above. Separate account liabilities are recorded at the amount credited to the contractholder, which reflects the change in fair value of the corresponding separate account assets including contractholder deposits less withdrawals and fees. Therefore, carrying value approximates fair value.

## 21. DERIVATIVE INSTRUMENTS

## Types of Derivative Instruments and Derivative Strategies

## Interest Rate Contracts

Interest rate swaps, options, and futures are used by the Company to reduce risks from changes in interest rates, manage interest rate exposures arising from mismatches between assets and liabilities (including duration mismatches) and to hedge against changes in the value of assets it owns or anticipates acquiring or selling. Swaps may be attributed to specific assets or liabilities or may be used on a portfolio basis. Under interest rate swaps, the Company agrees with other parties to exchange, at specified intervals, the difference between fixed-rate and floating-rate interest amounts calculated by reference to an agreed upon notional principal amount.

The Company also uses swaptions, interest rate caps, and interest rate floors to manage interest rate risk. A swaption is an option to enter into a swap with a forward starting effective date. The Company pays a premium for purchased swaptions and receives a premium for written swaptions. In an interest rate cap, the buyer receives payments at the end of each period in which the interest rate exceeds the agreed strike price. Similarly, in an interest rate floor, the buyer receives payments at the end of each period in which the interest rate is below the agreed strike price. Swaptions and interest rate caps and floors are included in interest rate options.

In exchange-traded interest rate futures transactions, the Company purchases or sells a specified number of contracts, the values of which are determined by the values of underlying referenced investments, and posts variation margin on a daily basis in an amount equal to the difference in the daily market values of those contracts. The Company enters into exchange-traded futures with regulated futures commission's merchants who are members of a trading exchange.

## Equity Contracts

Equity index options are contracts which will settle in cash based on differentials in the underlying indices at the time of exercise and the strike price. The Company uses combinations of purchases and sales of equity index options to hedge the effects of adverse changes in equity indices within a predetermined range.

## Foreign Exchange Contracts

Currency derivatives, including currency futures, options, forwards, and swaps, are used by the Company to reduce risks from changes in currency exchange rates with respect to investments denominated in foreign currencies that the Company either holds or intends to acquire or sell, and to hedge the currency risk associated with net investments in foreign operations and anticipated earnings of its foreign operations.

Under currency forwards, the Company agrees with other parties to deliver a specified amount of an identified currency at a specified future date. Typically, the price is agreed upon at the time of the contract and payment for such a contract is made at the specified future date. As noted above, the Company uses currency forwards to mitigate the impact of changes in currency exchange rates on U.S. dollar equivalent earnings generated by certain of its non-U.S. businesses, primarily its international insurance and investments operations. The Company executes forward sales of the hedged currency in exchange for U.S. dollars at a specified exchange rate. The maturities of these forwards correspond with the future periods in which the non-U.S. dollar-denominated earnings are expected to be generated. These earnings hedges do not qualify for hedge accounting.

Under currency swaps, the Company agrees with other parties to exchange, at specified intervals, the difference between one currency and another at an exchange rate and calculated by reference to an agreed principal amount. Generally, the principal amount of each currency is exchanged at the beginning and termination of the currency swap by each party.

## Credit Contracts

The Company writes credit default swaps for which it receives a premium to insure credit risk. These are used by the Company to enhance the return on the Company's investment portfolio by creating credit exposure similar to an investment in public fixed maturity

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

cash instruments. With these derivatives, the Company sells credit protection on an identified name, or an index of names, and in return receives a quarterly premium. This premium or credit spread generally corresponds to the difference between the yield on the referenced name's (or an index's referenced names) public fixed maturity cash instruments and swap rates, at the time the agreement is executed. If there is an event of default by the referenced name or one of the referenced names in the index, as defined by the agreement, then the Company is obligated to pay the referenced amount of the contract to the counterparty and receive in return the referenced defaulted security or similar security or (in the case of a credit default index) pay the referenced amount less the auction recovery rate. See credit derivatives written section for further discussion of guarantees. In addition to selling credit protection the Company has purchased credit protection using credit derivatives in order to hedge specific credit exposures in the Company's investment portfolio.

## Other Contracts

TBAS. The Company uses "to be announced" ("TBA") forward contracts to gain exposure to the investment risk and return of mortgage-backed securities. TBA transactions can help the Company enhance the return on its investment portfolio, and can provide a more liquid and cost effective method of achieving these goals than purchasing or selling individual mortgage-backed pools. Typically, the price is agreed upon at the time of the contract and payment for such a contract is made at a specified future date. Additionally, pursuant to the Company's mortgage dollar roll program, TBAs or mortgage-backed securities are transferred to counterparties with a corresponding agreement to repurchase them at a future date. These transactions do not qualify as secured borrowings and are accounted for as derivatives.

Loan Commitments. In its mortgage operations, the Company enters into commitments to fund commercial mortgage loans at specified interest rates and other applicable terms within specified periods of time. These commitments are legally binding agreements to extend credit to a counterparty. Loan commitments for loans that will be held for sale are recognized as derivatives and recorded at fair value. The determination of the fair value of loan commitments accounted for as derivatives considers various factors including, among others, terms of the related loan, the intended exit strategy for the loans based upon either securitization valuation models or investor purchase commitments, prevailing interest rates, origination income or expense, and the value of service rights. Loan commitments that relate to the origination of mortgage loans that will be held for investment are not accounted for as derivatives and accordingly are not recognized in the Company's financial statements. See Note 23 for a further discussion of these loan commitments.

Embedded Derivatives. The Company sells variable annuity products, which may include guaranteed benefit features that are accounted for as embedded derivatives. These embedded derivatives are marked to market through "Realized investment gains (losses), net" based on the change in value of the underlying contractual guarantees, which are determined using valuation models. The Company maintains a portfolio of derivative instruments that is intended to economically hedge the risks related to the above products' features. The derivatives may include, but are not limited to equity options, total return swaps, interest rate swaptions, caps, floors, and other instruments.

The Company invests in fixed maturities that, in addition to a stated coupon, provide a return based upon the results of an underlying portfolio of fixed income investments and related investment activity. The Company accounts for these investments as available-for-sale fixed maturities containing embedded derivatives. Such embedded derivatives are marked to market through "Realized investment gains (losses), net," based upon the change in value of the underlying portfolio.

Synthetic Guarantees. The Company sells synthetic guaranteed investment contracts, through both full service and investment-only sales channels, to qualified pension plans. The assets are owned by the trustees of such plans, who invest the assets according to the contract terms agreed to with the Company. The contracts contain a guarantee of a minimum rate of return on participant balances supported by the underlying assets, and a guarantee of liquidity to meet certain participant-initiated withdrawals from the contract. Under U.S. GAAP, these contracts are accounted for as derivatives and recorded at fair value.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

The table below provides a summary of the gross notional amount and fair value of derivatives contracts used in a non-broker-dealer capacity by the primary underlying, excluding embedded derivatives which are recorded with the associated host. Many derivative instruments contain multiple underlyings. The fair value amounts below represent the gross fair value of derivative contracts prior to taking into account the netting effects of master netting agreements and cash collateral held with the same counterparty. This netting impact results in total derivative assets of $\$ 533$ million and $\$ 3,075$ million as of December 31, 2013 and 2012, respectively, and total derivative liabilities of $\$ 2,156$ million and $\$ 307$ million as of December 31, 2013 and 2012, respectively, reflected in the Consolidated Statement of Financial Position.

|  |  | mber 31 |  |  | mber 31, |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Primary Underlying/ |  | Gross | air Value |  | Gross | ir Value |
| Instrument Type | Notional | Assets | $\underline{\text { Liabilities }}$ | Notional | Assets | $\underline{\text { Liabilities }}$ |
|  |  |  |  | lions) |  |  |
| Derivatives Designated as Hedge Accounting |  |  |  |  |  |  |
| Instruments: |  |  |  |  |  |  |
| Interest Rate |  |  |  |  |  |  |
| Interest Rate Swaps | \$ 2,393 | \$ 8 | \$ (228) | \$ 3,374 | \$ 26 | \$ (396) |
| Foreign Currency |  |  |  |  |  |  |
| Foreign Currency Forwards | 497 | 1 | (27) | 639 | 1 | (35) |
| Currency/Interest Rate |  |  |  |  |  |  |
| Foreign Currency Swaps | 8,903 | 216 | (530) | 6,373 | 128 | (342) |
| Total Qualifying Derivatives | \$ 11,793 | \$ 225 | \$ (785) | \$ 10,386 | \$ 155 | \$ (773) |
| Derivatives Not Qualifying as Hedge Accountin |  |  |  |  |  |  |
| Instruments: |  |  |  |  |  |  |
| Interest Rate |  |  |  |  |  |  |
| Interest Rate Swaps | \$118,419 | \$3,835 | \$(5,102) | \$108,581 | \$ 7,779 | \$(3,301) |
| Interest Rate Futures | 14,825 | 8 | (5) | 6,749 | 11 | (12) |
| Interest Rate Options | 23,873 | 369 | (283) | 25,250 | 895 | (141) |
| Interest Rate Forwards | 1,452 | 0 | (6) | 660 | 0 | 0 |
| Foreign Currency |  |  |  |  |  |  |
| Foreign Currency Forwards | 13,357 | 596 | (358) | 14,638 | 371 | (397) |
| Foreign Currency Options | 74 | 5 | 0 | 92 | 13 | 0 |
| Currency/Interest Rate |  |  |  |  |  |  |
| Foreign Currency Swaps | 7,072 | 339 | (254) | 5,304 | 239 | (152) |
| Credit |  |  |  |  |  |  |
| Credit Default Swaps | 1,904 | 3 | (49) | 3,250 | 19 | (84) |
| Equity |  |  |  |  |  |  |
| Equity Futures | 262 | 1 | (1) | 6,518 | 0 | (165) |
| Equity Options | 61,301 | 406 | (19) | 42,757 | 603 | (40) |
| Total Return Swaps | 11,389 | 1 | (466) | 5,779 | 8 | (158) |
| Commodity |  |  |  |  |  |  |
| Commodity Futures | 37 | 1 | 0 | 0 | 0 | 0 |
| Synthetic GIC's | 60,758 | 8 | 0 | 64,359 | 6 | 0 |
| Total Non-Qualifying Derivatives(1) | \$314,723 | \$5,572 | \$(6,543) | \$283,937 | \$ 9,944 | \$(4,450) |
| Total Derivatives(2) | \$326,516 | \$5,797 | \$(7,328) | \$294,323 | \$10,099 | \$(5,223) |

(1) Based on notional amounts, most of the Company's derivatives do not qualify for hedge accounting as follows: i) derivatives that economically hedge embedded derivatives do not qualify for hedge accounting because changes in the fair value of the embedded derivatives are already recorded in net income, ii) derivatives that are utilized as macro hedges of the Company's exposure to various risks typically do not qualify for hedge accounting because they do not meet the criteria required under portfolio hedge accounting rules, and iii) synthetic guaranteed investment contracts (GIC's), which are product standalone derivatives do not qualify as hedging instruments under hedge accounting rules.
(2) Excludes embedded derivatives which contain multiple underlyings. The fair value of these embedded derivatives was a net liability of $\$ 430$ million as of December 31, 2013, and a net liability of $\$ 3,438$ million as of December 31, 2012, included in "Future policy benefits" and "Fixed maturities, available-for-sale."

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

## Offsetting Assets and Liabilities

The following table presents recognized derivative instruments (including bifurcated embedded derivatives), and repurchase and reverse repurchase agreements that are offset in the balance sheet, and/or are subject to an enforceable master netting arrangement or similar agreement, irrespective of whether they are offset in the balance sheet.

|  | December 31, 2013 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross <br> Amounts of Recognized Financial Instruments | Gross Amounts Offset in the Statement of Financial Position | Net Amounts Presented in the Statement of Financial Position | Financial Instruments/ Collateral | Net <br> Amount |
|  |  |  | (in millions) |  |  |
| Offsetting of Financial Assets: |  |  |  |  |  |
| Derivatives | \$ 7,721 | \$(7,241) | \$ 480 | \$ (535) | \$ (55) |
| Securities purchased under agreement to resell | 656 | 0 | 656 | (656) | 0 |
| Total Assets | \$ 8,377 | \$(7,241) | \$ 1,136 | \$ $(1,191)$ | \$ (55) |
| Offsetting of Financial Liabilities: |  |  |  |  |  |
| Derivatives | \$ 9,408 | \$(7,257) | \$ 2,151 | \$ $(1,999)$ | \$152 |
| Securities sold under agreement to repurchase | 7,898 | 0 | 7,898 | $(7,898)$ | 0 |
| Total Liabilities | \$17,306 | \$(7,257) | \$10,049 | \$(9,897) | \$152 |
|  | December 31, 2012 |  |  |  |  |
|  | Gross <br> Amounts of Recognized Financial Instruments | Gross Amounts Offset in the Statement of Financial Position | Net Amounts Presented in the Statement of Financial Position | Financial Instruments/ Collateral | Net Amount |
|  |  |  | (in millions) |  |  |
| Offsetting of Financial Assets: |  |  |  |  |  |
| Derivatives | \$13,167 | \$(10,117) | \$3,050 | \$(2,891) | \$159 |
| Securities purchased under agreement to resell | 990 | 0 | 990 | (990) | 0 |
| Total Assets | \$14,157 | \$(10,117) | \$4,040 | \$ $(3,881)$ | \$159 |
| Offsetting of Financial Liabilities: |  |  |  |  |  |
| Derivatives | \$ 8,329 | \$ $(8,031)$ | \$ 298 | \$ (63) | \$235 |
| Securities sold under agreement to repurchase | 5,818 | 0 | 5,818 | $(5,818)$ | 0 |
| Total Liabilities | \$14,147 | \$ $(8,031)$ | \$6,116 | \$(5,881) | \$235 |

For information regarding the rights of offset associated with the derivative assets and liabilities in the table above see "-Credit Risk" below. For securities purchased under agreements to resell and securities sold under agreements to repurchase, the Company monitors the value of the securities and maintains collateral, as appropriate, to protect against credit exposure. Where the Company has entered into repurchase and resale agreements with the same counterparty, in the event of default, the Company would generally be permitted to exercise rights of offset. For additional information on the Company's accounting policy for securities repurchase and resale agreements, see Note 2 to the Company's Consolidated Financial Statements.

## Cash Flow, Fair Value and Net Investment Hedges

The primary derivative instruments used by the Company in its fair value, cash flow, and net investment hedge accounting relationships are interest rate swaps, currency swaps and currency forwards. These instruments are only designated for hedge accounting in instances where the appropriate criteria are met. The Company does not use futures, options, credit, equity or embedded derivatives in any of its fair value, cash flow or net investment hedge accounting relationships.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

The following table provides the financial statement classification and impact of derivatives used in qualifying and non-qualifying hedge relationships, excluding the offset of the hedged item in an effective hedge relationship.

|  | Year Ended December 31, 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Realized } \\ \text { Investment } \\ \text { Gains/(Losses) } \end{gathered}$ | Net Investment Income | Other <br> Income | Interest <br> Expense | Interest <br> Credited <br> To Policyholders, <br> Account <br> Balances | Accumulated <br> Other <br> Comprehensive <br> Income(1) |
|  |  |  |  | millions) |  |  |
| Derivatives Designated as Hedge Accounting Instruments: Fair value hedges |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Interest Rate | \$ 103 | \$(71) | \$ 0 | \$ 0 | \$20 | \$ 0 |
| Currency | (80) | (1) | 0 | 0 | 0 | 0 |
| Total fair value hedges | 23 | (72) | 0 | 0 | 20 | 0 |
| Cash flow hedges |  |  |  |  |  |  |
| Interest Rate | 0 | 0 | 0 | (23) | 0 | 26 |
| Currency/Interest Rate | 0 | 2 | (91) | 0 | 0 | (215) |
| Total cash flow hedges | 0 | 2 | (91) | (23) | 0 | (189) |
| Net investment hedges |  |  |  |  |  |  |
| Currency(2) | 0 | 0 | (4) | 0 | 0 | 6 |
| Currency/Interest Rate . | 0 | 0 | 0 | 0 | 0 | 233 |
| Total net investment hedges | 0 | 0 | (4) | 0 | 0 | 239 |
| Derivatives Not Qualifying as Hedge Accounting Instruments: |  |  |  |  |  |  |
| Interest Rate . | $(5,254)$ | 0 | 0 | 0 | 0 | 0 |
| Currency | (591) | 0 | 0 | 0 | 0 | 0 |
| Currency/Interest Rate | 131 | 0 | (2) | 0 | 0 | 0 |
| Credit | (4) | 0 | 0 | 0 | 0 | 0 |
| Equity | $(3,684)$ | 0 | 0 | 0 | 0 | 0 |
| Commodity | 1 | 0 | 0 | 0 | 0 | 0 |
| Embedded Derivatives . | 3,752 | 0 | 0 | 0 | 0 | 0 |
| Total non-qualifying hedges | $(5,649)$ | 0 | (2) | 0 | 0 | 0 |
| Total | \$(5,626) | \$(70) | \$(97) | \$(23) | \$20 | \$50 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

|  | Year Ended December 31, 2012 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Realized } \\ \text { Investment } \\ \text { Gains/(Losses) } \end{gathered}$ | Net Investment Income | Other Income | Interest Expense | Interest <br> Credited <br> To Policyholders, <br> Account <br> Balances | AccumulatedOtherComprehensiveIncome(1) |
|  |  |  |  | millions) |  |  |
| Derivatives Designated as Hedge Accounting Instruments: Fair value hedges |  |  |  |  |  |  |
| Interest Rate | \$ 22 | \$ (92) |  | \$ 4 | \$33 | \$ 0 |
| Currency | (37) | (3) | 0 | 0 | 0 | 0 |
| Total fair value hedges | (15) | (95) | 0 | 4 | 33 | 0 |
| Cash flow hedges |  |  |  |  |  |  |
| Interest Rate | 0 | 0 | 0 | (19) | (1) | 14 |
| Currency/Interest Rate | 0 | (5) | (20) | 0 | 0 | (185) |
| Total cash flow hedges | 0 | (5) | (20) | (19) | (1) | (171) |
| Net investment hedges |  |  |  |  |  |  |
| Currency (2) | (1) | 0 | 0 | 0 | 0 | (9) |
| Currency/Interest Rate | 0 | 0 | 0 | 0 | 0 | 228 |
| Total net investment hedges | (1) | 0 | 0 | 0 | 0 | 219 |
| Derivatives Not Qualifying as Hedge Accounting Instruments: |  |  |  |  |  |  |
| Interest Rate | 413 | 0 | 0 | 0 | 0 | 0 |
| Currency | (64) | 0 | 0 | 0 | 0 | 0 |
| Currency/Interest Rate | 235 | 0 | 0 | 0 | 0 | 0 |
| Credit | (34) | 0 | 0 | 0 | 0 | 0 |
| Equity | $(2,302)$ | 0 | 0 | 0 | 0 | 0 |
| Commodity | 0 | 0 | 0 | 0 | 0 | 0 |
| Embedded Derivatives | 251 | 0 | 0 | 0 | 0 | 0 |
| Total non-qualifying hedges | $(1,501)$ | 0 | 0 | 0 | 0 | 0 |
| Total | \$(1,517) | \$(100) | \$(20) | \$(15) | \$32 | \$48 |

# PRUDENTIAL FINANCIAL, INC. <br> <br> Notes to Consolidated Financial Statements 

 <br> <br> Notes to Consolidated Financial Statements}

## 21. DERIVATIVE INSTRUMENTS (continued)

|  | Year Ended December 31, 2011 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Realized } \\ \text { Investment } \\ \text { Gains/(Losses) } \end{gathered}$ | Net <br> Investment <br> Income | Other <br> Income | Interest Expense | Interest <br> Credited <br> To Policyholders' <br> Account <br> Balances | Accumulated Other Comprehensive Income(1) |
|  |  |  |  | millions) |  |  |
|  |  |  |  |  |  |  |
| Fair value hedges |  |  |  |  |  |  |
| Interest Rate | \$ (122) | \$(113) | \$ 0 | \$ 8 | \$56 | \$ 0 |
| Currency | 28 | (5) | 0 | 0 | 0 | 0 |
| Total fair value hedges | (94) | (118) | 0 | 8 | 56 | 0 |
| Cash flow hedges |  |  |  |  |  |  |
| Interest Rate | 0 | 0 | 0 | (19) | (1) | (4) |
| Currency/Interest Rate | 0 | (14) | 22 | 0 | 0 | 180 |
| Total cash flow hedges | 0 | (14) | 22 | (19) | (1) | 176 |
| Net investment hedges |  |  |  |  |  |  |
| Currency(2) | (9) | 0 | 6 | 0 | 0 | (6) |
| Currency/Interest Rate | 0 | 0 | 0 | 0 | 0 | (23) |
| Total net investment hedges . . . . . . . . . . . . . . . . . . . . . . . . . . | (9) | 0 | 6 | 0 | 0 | (29) |
| Derivatives Not Qualifying as Hedge Accounting Instruments: |  |  |  |  |  |  |
| Interest Rate | 5,133 | 0 | 0 | 0 | 0 | 0 |
| Currency . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 125 | 0 | 0 | 0 | 0 | 0 |
| Currency/Interest Rate | (4) | 0 | 0 | 0 | 0 | 0 |
| Credit | (38) | 0 | 0 | 0 | 0 | 0 |
| Equity | (318) | 0 | 0 | 0 | 0 | 0 |
| Commodity | 0 | 0 | 0 | 0 | 0 | 0 |
| Embedded Derivatives | $(2,579)$ | 0 | 0 | 0 | 0 | 0 |
| Total non-qualifying hedges . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 2,319 | 0 | 0 | 0 | 0 | 0 |
| Total . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | \$ 2,216 | \$(132) | \$28 | \$(11) | \$55 | \$147 |
| (1) Amounts deferred in "Accumulated other comprehensive income (loss)."(2) Relates to the sale of equity method investments. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

For the years ended December 31, 2013, 2012 and 2011, the ineffective portion of derivatives accounted for using hedge accounting was not material to the Company's results of operations and there were no material amounts reclassified into earnings relating to instances in which the Company discontinued cash flow hedge accounting because the forecasted transaction did not occur by the anticipated date or within the additional time period permitted by the authoritative guidance for the accounting for derivatives and hedging. In addition, there were no instances in which the Company discontinued fair value hedge accounting due to a hedged firm commitment no longer qualifying as a fair value hedge.

Presented below is a roll forward of current period cash flow hedges in "Accumulated other comprehensive income (loss)" before taxes:

|  | (in millions) |
| :---: | :---: |
| Balance, December 31, 2010 | \$(262) |
| Net deferred gains/(losses) on cash flow hedges from January 1 to December 31, 2011 | 148 |
| Amount reclassified into current period earnings | 28 |
| Balance, December 31, 2011 | (86) |
| Net deferred gains/(losses) on cash flow hedges from January 1 to December 31, 2012 | (219) |
| Amount reclassified into current period earnings | 48 |
| Balance, December 31, 2012 | (257) |
| Net deferred gains/(losses) on cash flow hedges from January 1 to December 31, 2013 | (317) |
| Amount reclassified into current period earnings | 128 |
| Balance, December 31, 2013 | \$(446) |

Using December 31, 2013 values, it is anticipated that a pre-tax loss of approximately $\$ 15$ million will be reclassified from "Accumulated other comprehensive income (loss)" to earnings during the subsequent twelve months ending December 31, 2014, offset by amounts pertaining to the hedged items. As of December 31, 2013, the Company does not have any qualifying cash flow hedges of

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

forecasted transactions other than those related to the variability of the payment or receipt of interest or foreign currency amounts on existing financial instruments. The maximum length of time for which these variable cash flows are hedged is 25 years. Income amounts deferred in "Accumulated other comprehensive income (loss)" as a result of cash flow hedges are included in "Net unrealized investment gains (losses)" in the Consolidated Statements of Equity.

For effective net investment hedges, the amounts, before applicable taxes, recorded in the cumulative translation adjustment account within "Accumulated other comprehensive income (loss)" were \$356 million in 2013, \$117 million in 2012, and \$(102) million in 2011.

## Credit Derivatives Written

The following table sets forth the Company's exposure from credit derivatives where the Company has written credit protection, by NAIC rating of the underlying credits as of December 31, 2013 and 2012. The Company's maximum amount at risk under these credit derivatives listed below assumes the value of the underlying referenced securities become worthless. These credit derivatives have maturities of less than 2 years. The table excludes a credit derivative related to surplus notes issued by a subsidiary of Prudential Insurance and embedded derivatives contained in externally-managed investments in the European market.

|  |  |  |  | Decemb | 31, 2013 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Sing | Name | Credit D | ault Index |  |  |
|  | Designation | Notional | Fair Value | Notional | Fair Value | Notional | Fair Value |
|  |  |  |  |  | ilions) |  |  |
|  | 1 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  | 2 | 5 | 0 | 0 | 0 | 5 | 0 |
| Subtotal . |  | 5 | 0 | 0 | 0 | 5 | 0 |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal . |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Total |  | \$5 | \$0 | \$0 | \$0 | \$5 | \$0 |
|  |  |  |  | Decemb | 31, 2012 |  |  |
|  |  | Sing | Name | Credit D | ault Index |  |  |
|  | NAIC <br> Designation | Notional | Fair Value | Notional | Fair Value | Notional | Fair Value |
|  |  |  |  |  | Ilions) |  |  |
|  | 1 | \$275 | \$0 | \$ 0 | \$0 | \$ 275 | \$0 |
|  | 2 | 45 | 0 | 0 | - | 45 | 0 |
| Subtotal . |  | 320 | 0 | 0 | 0 | 320 | 0 |
|  | 3 | 0 | 0 | 750 | 2 | 750 | 2 |
|  | 4 | 0 | 0 | 0 | 0 | , | 0 |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal . |  | 0 | 0 | 750 | 2 | 750 | 2 |
| Total |  | \$320 | \$0 | \$750 | \$2 | \$1,070 | \$2 |

The following table sets forth the composition of the Company's credit derivatives where the Company has written credit protection by industry category as of the dates indicated.

| Industry | December 31, 2013 |  | December 31, 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Notional | Fair Value | Notional | Fair Value |
|  | (in millions) |  |  |  |
| Corporate Securities: |  |  |  |  |
| Consumer Non-cyclical . | \$0 | \$0 | \$ 120 | \$0 |
| Capital Goods | 0 | 0 | 90 | 0 |
| Basic Industry | 0 | 0 | 40 | 0 |
| Transportation | 0 | 0 | 25 | 0 |
| Consumer Cyclical | 0 | 0 | 20 | 0 |
| Energy | 0 | 0 | 20 | 0 |
| Communication | 5 | 0 | 5 | 0 |
| Finance | 0 | 0 | 0 | 0 |
| Other(1) . . . . . . | 0 | 0 | 750 | 2 |
| Total Credit Derivatives | \$5 | \$0 | \$1,070 | \$2 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 21. DERIVATIVE INSTRUMENTS (continued)

(1) Includes Credit Default Index derivative with various industry categories.

In addition to the above, the Company entered into a credit derivative that will require the Company to make certain payments in the event of deterioration in the value of the surplus notes issued by a subsidiary of Prudential Insurance. The notional amount of this credit derivative is $\$ 500$ million and the fair value as of December 31, 2013 and 2012 was a liability of $\$ 4$ million and $\$ 32$ million, respectively. No collateral was pledged in either period.

In addition to writing credit protection, the Company has purchased credit protection using credit derivatives in order to hedge specific credit exposures in the Company's investment portfolio. As of December 31, 2013 and 2012, the Company had $\$ 1,399$ million and $\$ 1,680$ million of outstanding notional amounts, respectively, reported at fair value as a liability of $\$ 42$ million and $\$ 35$ million, respectively.

Prior to disposal in the fourth quarter of 2013, the Company held certain externally-managed investments in the European market which contained embedded derivatives. Their fair values were primarily driven by changes in credit spreads. These investments were medium-term notes that were collateralized by investment portfolios primarily consisting of investment grade European fixed income securities, including corporate bonds and asset-backed securities, and derivatives, as well as varying degrees of leverage. The notes had a stated coupon and provided a return based on the performance of the underlying portfolios and the level of leverage. The Company invested in these notes to earn a coupon through maturity, consistent with its investment purpose for other debt securities. The notes were accounted for under U.S. GAAP as available-for-sale fixed maturity securities with bifurcated embedded derivatives (total return swaps). Changes in the value of the fixed maturity securities were reported in Equity under the heading "Accumulated Other Comprehensive Income (Loss)" and changes in the market value of the embedded total return swaps are included in current period earnings in "Realized investment gains (losses), net." The Company's maximum exposure to loss from these investments was $\$ 314$ million on December 31, 2012.

## Counterparty Credit Risk

The Company is exposed to credit-related losses in the event of non-performance by counterparties to financial derivative transactions. The Company manages credit risk by entering into derivative transactions with highly rated major international financial institutions and other creditworthy counterparties, and by obtaining collateral where appropriate. Additionally, limits are set on single party credit exposures which are subject to periodic management review.

The credit exposure of the Company's OTC derivative transactions is represented by the contracts with a positive fair value (market value) at the reporting date. To reduce credit exposures, the Company seeks to (i) enter into OTC derivative transactions pursuant to master agreements that provide for a netting of payments and receipts with a single counterparty, and (ii) enter into agreements that allow the use of credit support annexes, which are bilateral rating-sensitive agreements that require collateral postings at established threshold levels. Cleared derivatives are bilateral transactions between the Company and a counterparty where the transactions are cleared through a clearinghouse, such that each derivative counterparty is only exposed to the default of the clearinghouse. These cleared transactions require initial and daily variation margin collateral postings and include certain interest rate swaps and credit default swaps entered into on or after June 10, 2013, related to new guidelines implemented under the Dodd-Frank Wall Street Reform and Consumer Protection Act. Also, the Company enters into exchange-traded futures and certain options transactions through regulated exchanges and these transactions are settled on a daily basis, thereby reducing credit risk exposure in the event of non-performance by counterparties to such financial instruments.

Under fair value measurements, the Company incorporates the market's perception of its own and the counterparty's non-performance risk in determining the fair value of the portion of its OTC derivative assets and liabilities that are uncollateralized. Credit spreads are applied to the derivative fair values on a net basis by counterparty. To reflect the Company's own credit spread a proxy based on relevant debt spreads is applied to OTC derivative net liability positions. Similarly, the Company's counterparty's credit spread is applied to OTC derivative net asset positions.

Certain of the Company's derivative agreements with some of its counterparties contain credit-rating related triggers. If the Company's credit rating were to fall below a certain level, the counterparties to the derivative instruments could request termination at the then fair value of the derivative or demand immediate full collateralization on derivative instruments in net liability positions. If a downgrade occurred and the derivative positions were terminated, the Company anticipates it would be able to replace the derivative positions with other counterparties in the normal course of business. The aggregate fair value of all derivative instruments with credit-riskrelated contingent features that are in a net liability position were $\$ 621$ million as of December 31, 2013. In the normal course of business the Company has posted collateral related to these instruments of $\$ 519$ million as of December 31, 2013. If the credit-risk-related contingent features underlying these agreements had been triggered on December 31, 2013, the Company estimates that it would be required to post a maximum of $\$ 60$ million of additional collateral to its counterparties.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION

## Segments

The Company has organized its principal operations into the Financial Services Businesses and the Closed Block Business. Within the Financial Services Businesses, the Company operates through three divisions, which together encompass six reportable segments. Businesses that are not sufficiently material to warrant separate disclosure and divested businesses are included in Corporate and Other operations within the Financial Services Businesses. Collectively, the businesses that comprise the three operating divisions and Corporate and Other are referred to as the Financial Services Businesses.
U.S. Retirement Solutions and Investment Management Division. The U.S. Retirement Solutions and Investment Management division consists of the Individual Annuities, Retirement, and Asset Management segments. The Individual Annuities segment manufactures and distributes individual variable and fixed annuity products, primarily to the U.S. mass affluent market. The Retirement segment manufactures and distributes products and provides administrative services for qualified and non-qualified retirement plans and offers innovative pension risk transfer solutions, investment-only stable value products, guaranteed investment contracts, funding agreements, institutional and retail notes, structured settlement annuities and other group annuities. The Asset Management segment provides a broad array of investment management and advisory services by means of institutional portfolio management, mutual funds, asset securitization activity and other structured products, and strategic investments. These products and services are provided to the public and private marketplace, as well as to other segments of the Company.
U.S. Individual Life and Group Insurance Division. The U.S. Individual Life and Group Insurance division consists of the Individual Life and Group Insurance segments. The Individual Life segment manufactures and distributes individual variable life, term life and universal life insurance products primarily to the U.S. mass middle, mass affluent and affluent markets. The Individual Life segment also includes the results of the individual life business acquired from The Hartford on January 2, 2013. The Group Insurance segment manufactures and distributes a full range of group life, long-term and short-term group disability, and group corporate-, bank- and trustowned life insurance in the U.S. primarily to institutional clients for use in connection with employee and plans and affinity groups.

International Insurance Division. The International Insurance division consists of the International Insurance segment, which manufactures and distributes individual life insurance, retirement and related products to the mass affluent and affluent markets in Japan, Korea and other foreign countries through its Life Planner operations. In addition, similar products are offered to the broad middle income market across Japan through Life Consultants, the proprietary distribution channel of the Company's Gibraltar Life operation, as well as other channels, including banks and independent agencies.

Corporate and Other. Corporate and Other includes corporate operations, after allocations to business segments, and divested businesses. Corporate operations consist primarily of: (1) investment returns on capital that is not deployed in any business segments; (2) returns from investments not allocated to business segments, including debt-financed investment portfolios, as well as tax credit investments and other tax enhanced investments financed by business segments; (3) capital debt that is used or will be used to meet the capital requirements of the Company and the related interest expense; (4) income and expense from qualified pension and other employee benefit plans, after allocations to business segments; (5) corporate-level income and expense, after allocations to business segments, including corporate governance, corporate advertising, philanthropic activities, deferred compensation, and costs related to certain contingencies and enhanced regulatory supervision; (6) certain retained obligations relating to pre-demutualization policyholders whom the Company had previously agreed to provide insurance for reduced or no premium in accordance with contractual settlements related to prior individual life insurance sales practices remediation; (7) results related to the Company's capital protection framework; (8) results related to a life insurance joint venture and an asset management company joint venture in China and (9) the impact of transactions with other segments.

Closed Block Business. The Closed Block Business, which is managed separately from the Financial Services Businesses, was established on the date of demutualization. It includes the Closed Block (as discussed in Note 12); assets held outside the Closed Block necessary to meet insurance regulatory capital requirements related to products included within the Closed Block; deferred policy acquisition costs related to the Closed Block policies; the principal amount of the IHC debt (as discussed in Note 14) and certain related assets and liabilities.

Segment Accounting Policies. The accounting policies of the segments are the same as those described in Note 2. Results for each segment include earnings on attributed equity established at a level which management considers necessary to support each segment's risks. Operating expenses specifically identifiable to a particular segment are allocated to that segment as incurred. Operating expenses not identifiable to a specific segment that are incurred in connection with the generation of segment revenues are generally allocated based upon the segment's historical percentage of general and administrative expenses. As discussed in Note 2, results for the periods presented in the Company's Consolidated Financial Statements reflect the implementation of a discretionary change in accounting principle related to the Company's accrual of performance-based incentive fee revenue in its Asset Management segment.

For information related to significant acquisitions and disposition, see Note 3. For information related to the adoption of new accounting pronouncements, see Note 2 . The segments' results in prior years have been revised for these items, as applicable, to conform to the current year presentation.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

## Adjusted Operating Income

In managing the Financial Services Businesses, the Company analyzes the operating performance of each segment using "adjusted operating income." Adjusted operating income does not equate to "income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures" or "net income" as determined in accordance with U.S. GAAP but is the measure of segment profit or loss used by the Company to evaluate segment performance and allocate resources, and consistent with authoritative guidance, is the measure of segment performance presented below. Adjusted operating income is calculated by adjusting each segment's "income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures" for the following items, which are described in greater detail below:

- realized investment gains (losses), net, and related charges and adjustments;
- net investment gains and losses on trading account assets supporting insurance liabilities and changes in experience-rated contractholder liabilities due to asset value changes;
- the contribution to income/loss of divested businesses that have been or will be sold or exited, including businesses that have been placed in wind down status, but that did not qualify for "discontinued operations" accounting treatment under U.S. GAAP; and
- equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests.

These items are important to an understanding of overall results of operations. Adjusted operating income is not a substitute for income determined in accordance with U.S. GAAP, and the Company's definition of adjusted operating income may differ from that used by other companies. However, the Company believes that the presentation of adjusted operating income as measured for management purposes enhances the understanding of results of operations by highlighting the results from ongoing operations and the underlying profitability factors of the Financial Services Businesses.

As discussed in Note 1, the Company recorded out of period adjustments during 2012 that resulted in a decrease in adjusted operating income of $\$ 160$ million for the year, principally $\$ 61$ million to the Asset Management segment and $\$ 99$ million to Corporate and Other operations.

## Realized investment gains (losses), net, and related charges and adjustments

## Realized investment gains (losses), net

Adjusted operating income excludes "Realized investment gains (losses), net," except for certain items described below. Significant activity excluded from adjusted operating income includes impairments and credit-related gains and losses from sales of securities, the timing of which depends largely on market credit cycles and can vary considerably across periods, and interest rate-related gains and losses from sales of securities, which are largely subject to the Company's discretion and influenced by market opportunities, as well as the Company's tax and capital profile. Additionally, certain gains and losses pertaining to derivative contracts that do not qualify for hedge accounting treatment are also excluded from adjusted operating income. Trends in the underlying profitability of the Company's businesses can be more clearly identified without the fluctuating effects of these transactions.

The following table sets forth the significant components of "Realized investment gains (losses), net" that are included in adjusted operating income and, as a result, are reflected as adjustments to "Realized investment gains (losses), net" for purposes of calculating adjusted operating income:

|  | Years Ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Net gains (losses) from: |  |  |  |
| Terminated hedges of foreign currency earnings | \$240 | \$ (75) | \$(136) |
| Current period yield adjustments(1) | 445 | 320 | 241 |
| Principal source of earnings(1) | \$122 | \$ 91 | \$ 176 |

(1) Amounts for the prior periods have been reclassified to conform to current period presentation. In addition to the items in the table above, "Realized investment gains (losses), net, and related charges and adjustments" also includes an adjustment to reflect "Realized investments gains (losses), net" related to divested businesses as results of "Divested businesses", discussed below.

Terminated Hedges of Foreign Currency Earnings. The amounts shown in the table above primarily reflect the impact of an intercompany arrangement between Corporate and Other operations and the International Insurance segment, pursuant to which the nonU.S. dollar-denominated earnings in all countries for a particular year, including its interim reporting periods, are translated at fixed currency exchange rates. The fixed rates are determined in connection with a currency hedging program designed to mitigate the risk that unfavorable rate changes will reduce the segment's U.S. dollar equivalent earnings. Pursuant to this program, the Company's Corporate and Other operations may execute forward currency contracts with third parties to sell the net exposure of projected earnings from the hedged currency in exchange for U.S. dollars at a specified exchange rate. The maturities of these contracts correspond with the future

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

periods in which the identified non-U.S. dollar-denominated earnings are expected to be generated. These contracts do not qualify for hedge accounting under U.S. GAAP, so the resulting profits or losses are recorded in "Realized investment gains (losses), net." When the contracts are terminated in the same period that the expected earnings emerge, the resulting positive or negative cash flow effect is included in adjusted operating income.

Current Period Yield Adjustments. The Company uses interest rate and currency swaps and other derivatives to manage interest and currency exchange rate exposures arising from mismatches between assets and liabilities, including duration mismatches. For derivative contracts that do not qualify for hedge accounting treatment, the periodic swap settlements, as well as certain other derivative related yield adjustments are recorded in "Realized investment gains (losses), net", and are included in adjusted operating income to reflect the afterhedge yield of the underlying instruments. In certain instances, when these derivative contracts are terminated or offset before their final maturity, the resulting realized gains or losses are recognized in adjusted operating income over periods that generally approximate the expected terms of the derivatives or underlying instruments in order for adjusted operating income to reflect the after-hedge yield of the underlying instruments. Included in the amounts shown in the table above are gains on certain derivatives contracts that were terminated or offset in prior periods of $\$ 72$ million, $\$ 64$ million and $\$ 50$ million for the years ended 2013, 2012 and 2011, respectively. Additionally, as of December 31, 2013, there was a $\$ 444$ million deferred net gain related to certain derivative contracts that were terminated or offset before their final maturity, primarily in the International Insurance segment.

Principal Source of Earnings. The Company conducts certain activities for which realized investment gains and losses are a principal source of earnings for its businesses and therefore included in adjusted operating income, particularly within the Company's Asset Management segment. For example, Asset Management's strategic investing business makes investments for sale or syndication to other investors or for placement or co-investment in the Company's managed funds and structured products. The realized investment gains and losses associated with the sale of these strategic investments, as well as related derivative results, are a principal activity for this business and included in adjusted operating income. In addition, the realized investment gains and losses associated with loans originated by the Company's commercial mortgage operations, as well as related derivative results and retained mortgage servicing rights, are a principal activity for this business and included in adjusted operating income.

## Other items reflected as adjustments to Realized investment gains (losses), net

The following table sets forth certain other items excluded from adjusted operating income and reflected as an adjustment to "Realized investment gains (losses), net" for purposes of calculating adjusted operating income:

|  | Years Ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Net gains (losses) from: |  |  |  |
| Other trading account assets | \$ 168 | \$ 102 | \$ (81) |
| Foreign currency exchange movements | $(4,060)$ | $(1,750)$ | 986 |
| Other activities | \$ 167 | \$ 29 | \$(109) |

Other Trading Account Assets. The Company has certain investments in its general account portfolios that are classified as trading. These trading investments are carried at fair value and included in "Other trading account assets, at fair value" on the Company's statements of financial position. Realized and unrealized gains and losses for these investments are recorded in "Asset management fees and other income." Consistent with the exclusion of realized investment gains and losses with respect to other investments managed on a consistent basis, the net gains or losses on these investments are excluded from adjusted operating income.

Foreign Currency Exchange Movements. The Company has certain assets and liabilities for which, under U.S. GAAP, the changes in value, including those associated with changes in foreign currency exchange rates during the period, are recorded in "Asset management fees and other income." To the extent the foreign currency exposure on these assets and liabilities is economically hedged or considered part of the Company's capital funding strategies for its international subsidiaries, the change in value included in "Asset management fees and other income" is excluded from adjusted operating income. The amounts in the table above are largely driven by non-yen denominated insurance liabilities in the Company's Japanese insurance operations. The insurance liabilities are supported by investments denominated in corresponding currencies, including a significant portion designated as available-for-sale. While these non-yen denominated assets and liabilities are economically hedged, under U.S. GAAP, unrealized gains and losses on available-for-sale investments, including those arising from foreign currency exchange rate movements, are recorded in "Accumulated other comprehensive income (loss)," while the nonyen denominated liabilities are re-measured for foreign currency exchange rate movements, and the related change in value is recorded in earnings within "Asset management fees and other income." Due to this non-economic volatility that is reflected in U.S. GAAP earnings, the change in value recorded within "Asset management fee and other income" is excluded from adjusted operating income.

Other Activities. The Company excludes certain other items from adjusted operating income that are consistent with similar adjustments described above. The significant items within other activities shown in the table above included the following:

In connection with the settlement of disputes arising out of the Chapter 11 bankruptcy petition filed by Lehman Brothers Holdings Inc., the Company recorded losses of $\$ 65$ million in 2011 related to a portion of its counterparty exposure on derivative transactions it had previously held with Lehman Brothers and its affiliates. For the years ended 2013 and 2012, the Company recorded $\$ 146$ million and $\$ 12$

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

million, respectively, in estimated recoveries of this settlement. These losses and recoveries are recorded within "Asset management fees and other income" within the Company's Corporate and Other operations. Consistent with the exclusion of credit-related losses recorded in "Realized investment gains (losses), net", the impact of these losses and recoveries are excluded from adjusted operating income.

The Company records valuation adjustments for non-performance risk that relates to the uncollateralized portion of certain derivative contracts between a subsidiary of the Company and third parties and liquidity risk associated with certain derivatives. These adjustments are recorded within "Asset management fees and other income." Consistent with the exclusion of the mark-to-market on derivatives recorded in "Realized investment gains (losses), net", the impact of these risks is excluded from adjusted operating income. The net impact of these risks was to exclude from adjusted operating income net gains of $\$ 30$ million, net gains of $\$ 36$ million and net losses of $\$ 22$ million for the years ended 2013, 2012 and 2011, respectively.

## Related charges

Charges that relate to realized investment gains and losses are also excluded from adjusted operating income, and include the following:

- The portion of the amortization of deferred policy acquisition costs, value of business acquired, unearned revenue reserves and deferred sales inducements for certain products that is related to net realized investment gains and losses.
- Policyholder dividends and interest credited to policyholders' account balances that relate to certain life policies that pass back certain realized investment gains and losses to the policyholder, and reserves for future policy benefits for certain policies that are affected by net realized investment gains and losses.
- Market value adjustments paid or received upon a contractholder's surrender of certain of the Company's annuity products as these amounts mitigate the net realized investment gains or losses incurred upon the disposition of the underlying invested assets.


## Investment gains and losses on trading account assets supporting insurance liabilities and changes in experience-rated contractholder liabilities due to asset value changes

Certain products included in the Retirement and International Insurance segments are experience-rated in that investment results associated with these products are expected to ultimately accrue to contractholders. The majority of investments supporting these experience-rated products are classified as trading and are carried at fair value, with realized and unrealized gains and losses reported in "Asset management fees and other income." To a lesser extent, these experience-rated products are also supported by derivatives and commercial mortgage and other loans. The derivatives are carried at fair value, with realized and unrealized gains and losses reported in "Realized investment gains (losses), net." The commercial mortgage and other loans are carried at unpaid principal, net of unamortized discounts and an allowance for losses, with gains and losses on sales and changes in the valuation allowance for commercial mortgage and other loans reported in "Realized investment gains (losses), net."

Adjusted operating income excludes net investment gains and losses on trading account assets supporting insurance liabilities, which is consistent with the exclusion of realized investment gains and losses with respect to other investments supporting insurance liabilities managed on a consistent basis. In addition, to be consistent with the historical treatment of charges related to realized investment gains and losses on investments, adjusted operating income also excludes the change in contractholder liabilities due to asset value changes in the pool of investments (including changes in the fair value of commercial mortgage and other loans) supporting these experience-rated contracts, which are reflected in "Interest credited to policyholders' account balances." These adjustments are in addition to the exclusion from adjusted operating income of net investment gains and losses on the related derivatives and commercial mortgage and other loans through "Realized investment gains (losses), net, and related charges and adjustments," as discussed above. The result of this approach is that adjusted operating income for these products includes net fee revenue and interest spread the Company earns on these experience-rated contracts, and excludes changes in fair value of the pool of investments, both realized and unrealized, that are expected to ultimately accrue to the contractholders.

## Divested businesses

The contribution to income/loss of divested businesses that have been or will be sold or exited, including businesses that have been placed in wind down, but that did not qualify for "discontinued operations" accounting treatment under U.S. GAAP, are excluded from adjusted operating income as the results of divested businesses are not relevant to understanding the Company's ongoing operating results.

On July 1, 2013, the Company sold its wealth management solutions business to Envestnet Inc. Due to the existence of an ongoing contractual relationship between the Company and these operations, this disposition did not qualify for discontinued operations treatment under U.S. GAAP. As a result, the Company has classified the results of these operations, previously reported in the Asset Management segment, as a "divested business" and excluded the results from adjusted operating income for all periods presented.

As previously disclosed in its Annual Report on Form 10-K for the year ended December 31, 2012, the Company decided to place its long-term care business in wind down in 2012 and has classified the results of this business as a divested business for all periods presented.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

## Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests

Equity in earnings of operating joint ventures, on a pre-tax basis, are included in adjusted operating income as these results are a principal source of earnings. These earnings are reflected on a U.S. GAAP basis on an after-tax basis as a separate line on the Company's Consolidated Statements of Operations.

Earnings attributable to noncontrolling interests are excluded from adjusted operating income. Earnings attributable to noncontrolling interests represents the portion of earnings from consolidated entities that relates to the equity interests of minority investors, and are reflected on a U.S. GAAP basis as a separate line on the Company's Consolidated Statements of Operations.

The summary below reconciles adjusted operating income before income taxes for the Financial Services Businesses to income from continuing operations before income taxes and equity in earnings of operating joint ventures:

|  | Years Ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 |
|  | (in millions) |  |  |
| Adjusted Operating Income before income taxes for Financial Services Businesses by Segment: |  |  |  |
| Individual Annuities | \$ 2,085 | \$ 1,039 | \$ 662 |
| Retirement | 1,039 | 638 | 594 |
| Asset Management | 723 | 584 | 888 |
| Total U.S. Retirement Solutions and Investment Management Division | 3,847 | 2,261 | 2,144 |
| Individual Life | 583 | 384 | 482 |
| Group Insurance | 157 | 16 | 163 |
| Total U.S. Individual Life and Group Insurance Division | 740 | 400 | 645 |
| International Insurance | 3,152 | 2,704 | 2,263 |
| Total International Insurance Division | 3,152 | 2,704 | 2,263 |
| Corporate Operations | $(1,370)$ | $(1,338)$ | $(1,112)$ |
| Total Corporate and Other | $(1,370)$ | $(1,338)$ | $(1,112)$ |
| Adjusted Operating Income before income taxes for Financial Services Businesses | 6,369 | 4,027 | 3,940 |
| Reconciling items: |  |  |  |
| Realized investment gains (losses), net, and related adjustments . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | $(9,956)$ | $(3,666)$ | 2,503 |
| Charges related to realized investment gains (losses), net . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1,807 | 857 | $(1,656)$ |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net . . . . . . . . . . . . . . . . . | (250) | 610 | 223 |
| Change in experience-rated contractholder liabilities due to asset value changes . . . . . . . . . . . . . . . . . . . . . . . | 227 | (540) | (123) |
| Divested businesses . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 29 | (615) | 90 |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests . . . . . . . . . . . | 28 | (29) | (227) |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures for |  |  |  |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures for Closed Block Business | 62 | 64 | 214 |
| Income (loss) from continuing operations before income taxes and equity in earnings of operating joint ventures . . . . . . | \$(1,684) | \$ 708 | \$ 4,964 |

The U.S. Retirement Solutions and Investment Management Division and U.S. Individual Life and Group Insurance Division results reflect deferred policy acquisition costs as if the individual annuity business and group insurance business were stand-alone operations. The elimination of intersegment costs capitalized in accordance with this policy is included in consolidating adjustments within Corporate and Other operations.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

The summary below presents certain financial information for the Company's reportable segments:

|  | As Of or Year Ended December 31, 2013 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Revenues | Net Investment Income | Policyholders, Benefits | Interest Credited to Policyholders Account Balances | Dividends to Policyholders | Interest Expense | Amortization of Deferred Policy Acquisition Costs | Total Assets |
|  |  |  |  | (in mill | lions) |  |  |  |
| Financial Services Businesses: |  |  |  |  |  |  |  |  |
| Individual Annuities | \$ 4,465 | \$ 693 | \$ 77 | \$ 381 | \$ 0 | \$ 91 | \$257 | \$160,778 |
| Retirement | 6,028 | 4,067 | 2,461 | 1,529 | 0 | 26 | 15 | 170,762 |
| Asset Management | 2,678 | 87 | 0 | 0 | 0 | 11 | 25 | 45,040 |
| Total U.S. Retirement Solutions and Investment Management Division | 13,171 | 4,847 | 2,538 | 1,910 | 0 | 128 | 297 | 376,580 |
| Individual Life | 4,620 | 1,406 | 1,869 | 576 | 33 | 407 | 111 | 64,990 |
| Group Insurance | 5,518 | 585 | 4,299 | 232 | 0 | 7 | 10 | 39,185 |
| Total U.S. Individual Life and Group Insurance Division | 10,138 | 1,991 | 6,168 | 808 | 33 | 414 | 121 | 104,175 |
| International Insurance | 22,540 | 4,306 | 14,499 | 984 | 107 | 3 | 1,011 | 168,677 |
| Total International Insurance Division | 22,540 | 4,306 | 14,499 | 984 | 107 | 3 | 1,011 | 168,677 |
| Corporate Operations | (568) | 386 | (35) | 0 | 0 | 715 | (35) | 13,947 |
| Total Corporate and Other | (568) | 386 | (35) | 0 | 0 | 715 | (35) | 13,947 |
| Total | 45,281 | 11,530 | 23,170 | 3,702 | 140 | 1,260 | 1,394 | 663,379 |
| Reconciling items: |  |  |  |  |  |  |  |  |
| Realized investment gains (losses), net, and related adjustments | $(9,960)$ | (13) | 0 | 0 | 0 | 0 | 0 |  |
| Charges related to realized investment gains (losses), net | (199) | 0 | (225) | (500) | 0 | 0 | $(1,191)$ |  |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net | (250) | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Change in experience-rated contractholder liabilities due to assets value changes .. | 0 | 0 | 0 | (227) | 0 | 0 | 0 |  |
| Divested businesses ..................... | 631 | 196 | 454 | 0 | 0 | 1 | 0 |  |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests | (78) | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Total Financial Services |  |  |  |  |  |  |  |  |
| Businesses | 35,425 | 11,713 | 23,399 | 2,975 | 140 | 1,261 | 203 | 663,379 |
| Closed Block Business | 6,036 | 3,016 | 3,334 | 136 | 1,910 | 148 | 37 | 68,402 |
| Total per Consolidated Financial Statements | \$41,461 | \$14,729 | \$26,733 | \$3,111 | \$2,050 | \$1,409 | \$240 | \$731,781 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

22. SEGMENT INFORMATION (continued)

|  | As Of or Year Ended December 31, 2012 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Revenues | Net Investment Income | Policyholders' Benefits | Interest Credited to Policyholders' Account Balances | Dividends to Policyholders | Interest <br> Expense | Amortization of Deferred Policy Acquisition Costs | Total Assets |
|  |  |  |  | (in millio | s) |  |  |  |
| Financial Services Businesses: |  |  |  |  |  |  |  |  |
| Individual Annuities | \$ 3,983 | \$ 770 | \$ 573 | \$ 452 | \$ 0 | \$ 109 | \$ 338 | \$146,893 |
| Retirement(1) | 36,595 | 3,203 | 33,317 | 1,695 | 0 | 20 | 49 | 168,262 |
| Asset Management | 2,376 | 107 | 0 | 0 | 0 | 15 | 24 | 41,884 |
| Total U.S. Retirement Solutions and Investment Management Division . . . | 42,954 | 4,080 | 33,890 | 2,147 | 0 | 144 | 411 | 357,039 |
| Individual Life | 3,367 | 1,033 | 1,210 | 329 | 31 | 316 | 419 | 47,371 |
| Group Insurance | 5,601 | 586 | 4,528 | 228 | 0 | 7 | 5 | 38,754 |
| Total U.S. Individual Life and Group Insurance Division | 8,968 | 1,619 | 5,738 | 557 | 31 | 323 | 424 | 86,125 |
| International Insurance | 29,586 | 4,268 | 20,981 | 1,122 | 124 | 3 | 1,173 | 183,794 |
| Total International Insurance Division | 29,586 | 4,268 | 20,981 | 1,122 | 124 | 3 | 1,173 | 183,794 |
| Corporate Operations | (405) | 403 | 136 | (22) | 0 | 773 | (42) | 12,287 |
| Total Corporate and Other | (405) | 403 | 136 | (22) | 0 | 773 | (42) | 12,287 |
| Total | 81,103 | 10,370 | 60,745 | 3,804 | 155 | 1,243 | 1,966 | 639,245 |
| Reconciling items: |  |  |  |  |  |  |  |  |
| Realized investment gains (losses), net, and related adjustments | $(3,671)$ | (24) | 0 | 0 | 0 | 0 | 0 |  |
| Charges related to realized investment gains (losses), net | (108) | 0 | (2) | (247) | 0 | 0 | (716) |  |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net | 610 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Change in experience-rated contractholder <br> liabilities due to assets value changes | 0 | 0 | 0 | 540 | 0 | 0 | 0 |  |
| Divested businesses . . . . . . . . . . . . . . . | 735 | 162 | 943 | 0 | 0 | 0 | 216 |  |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests | (79) | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Total Financial Services Businesses | 78,590 | 10,508 | 61,686 | 4,097 | 155 | 1,243 | 1,466 | 639,245 |
| Closed Block Business | 6,257 | 3,153 | 3,445 | 137 | 2,021 | 148 | 38 | 69,990 |
| Total per Consolidated Financial Statements | \$84,847 | \$13,661 | \$65,131 | \$4,234 | \$2,176 | \$1,391 | \$1,504 | \$709,235 |

(1) In 2012, the Company completed significant non-participating group annuity pension risk transfer transactions with two unaffiliated pension plan sponsors. The premiums from these transactions contributed approximately $\$ 31.8$ billion to revenue in the Retirement segment. These premiums were largely offset by a corresponding increase in policyholders' benefits.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 22. SEGMENT INFORMATION (continued)

|  | Year Ended December 31, 2011 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Revenues | Net Investment Income | Policyholders' Benefits | Interest Credited to Policyholders' Account Balances | Dividends to Policyholders | Interest Expense | Amortization of Deferred Policy Acquisition Costs |
|  |  |  |  | (in millions) |  |  |  |
| Financial Services Businesses: |  |  |  |  |  |  |  |
| Individual Annuities | \$ 3,638 | \$ 790 | \$ 476 | \$ 570 | \$ 0 | \$ 112 | \$ 536 |
| Retirement | 4,871 | 3,178 | 1,594 | 1,715 | 0 | 14 | 41 |
| Asset Management | 2,531 | 118 | 0 | 0 | 0 | 13 | 25 |
| Total U.S. Retirement Solutions and Investment Management Division | 11,040 | 4,086 | 2,070 | 2,285 | 0 | 139 | 602 |
| Individual Life | 2,900 | 978 | 1,115 | 299 | 29 | 214 | 135 |
| Group Insurance | 5,606 | 575 | 4,474 | 228 | 0 | 0 | 6 |
| Total U.S. Individual Life and Group Insurance Division | 8,506 | 1,553 | 5,589 | 527 | 29 | 214 | 141 |
| International Insurance | 19,567 | 3,754 | 11,963 | 978 | 122 | 1 | 880 |
| Total International Insurance Division | 19,567 | 3,754 | 11,963 | 978 | 122 | 1 | 880 |
| Corporate Operations | (187) | 410 | 146 | (34) | 0 | 809 | (58) |
| Total Corporate and Other | (187) | 410 | 146 | (34) | 0 | 809 | (58) |
| Total | 38,926 | 9,803 | 19,768 | 3,756 | 151 | 1,163 | 1,565 |
| Reconciling items: |  |  |  |  |  |  |  |
| Realized investment gains (losses), net, and related adjustments | 2,497 | (28) | 0 | 0 | 0 | 0 | 0 |
| Charges related to realized investment gains (losses), net | (108) | 0 | 0 | 466 | 1 | 0 | 1,080 |
| Investment gains (losses) on trading account assets supporting insurance liabilities, net . . . . . . . . . . . | 223 | 0 | 0 | 0 | 0 | 0 | 0 |
| Change in experience-rated contractholder <br> liabilities due to assets value changes | 0 | 0 | 0 | 123 | 0 | 0 | 0 |
| Divested businesses | 793 | 135 | 364 | 0 | 0 | 1 | 13 |
| Equity in earnings of operating joint ventures and earnings attributable to noncontrolling interests | (261) | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Financial Services Businesses | 42,070 | 9,910 | 20,132 | 4,345 | 152 | 1,164 | 2,658 |
| Closed Block Business | 7,015 | 3,214 | 3,482 | 139 | 2,571 | 148 | 37 |
| Total per Consolidated Financial Statements | \$49,085 | \$13,124 | \$23,614 | \$4,484 | \$2,723 | \$1,312 | \$2,695 |

Revenues, calculated in accordance with U.S. GAAP, for the years ended December 31, include the following associated with the Company's foreign and domestic operations:

|  | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: |
|  |  | (in millions) |  |
| Domestic operations | \$22,222 | \$56,684 | \$28,955 |
| Foreign operations, total | 19,239 | 28,163 | 20,130 |
| Foreign operations, Japan | 16,523 | 26,393 | 17,607 |
| Foreign operations, Korea | 1,437 | 1,294 | 1,331 |

The Asset Management segment revenues include intersegment revenues, primarily consisting of asset-based management and administration fees, for the years ended December 31, as follows:


Management has determined the intersegment revenues with reference to market rates. Intersegment revenues are eliminated in consolidation in Corporate and Other.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS

## Commitments and Guarantees

The Company occupies leased office space in many locations under various long-term leases and has entered into numerous leases covering the long-term use of computers and other equipment. Rental expense, net of sub-lease income, incurred for the years ended December 31, 2013, 2012 and 2011, was $\$ 253$ million, $\$ 287$ million and $\$ 280$ million, respectively.

The following table presents, at December 31, 2013, the Company's future minimum lease payments under non-cancelable operating leases along with associated sub-lease income:

|  | Operating Leases | Sub-lease Income |
| :---: | :---: | :---: |
|  | (in mi | ions) |
| 2014 | \$140 | \$(14) |
| 2015 | 97 | (1) |
| 2016 | 75 | 0 |
| 2017 | 62 | 0 |
| 2018 | 45 | 0 |
| 2019 and thereafter | 90 | 0 |
| Total | \$509 | \$(15) |

Occasionally, for business reasons, the Company may exit certain non-cancelable operating leases prior to their expiration. In these instances, the Company's policy is to accrue, at the time it ceases to use the property being leased, the future rental expense net of any expected sub-lease income, and to release this reserve over the remaining commitment period. Of the total non-cancelable operating leases and sub-lease income amounts listed above, $\$ 9$ million and $\$ 4$ million, respectively, has been accrued at December 31, 2013.

## Commercial Mortgage Loan Commitments

|  | As of December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Total outstanding mortgage loan commitments | \$2,365 | \$2,552 |
| Portion of commitment where prearrangement | \$ 587 | \$ 897 |

In connection with the Company's commercial mortgage operations, it originates commercial mortgage loans. Commitments for loans that will be held for sale are recognized as derivatives and recorded at fair value. In certain of these transactions, the Company pre-arranges that it will sell the loan to an investor, including to governmental sponsored entities as discussed below, after the Company funds the loan.

## Commitments to Purchase Investments (excluding Commercial Mortgage Loans)

|  | As of 1 | er 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  |  |  |
| Expected to be funded from the general account and other operations outside the separate accounts(1) | \$5,461 | \$3,410 |
| Expected to be funded from separate accounts | \$ 274 | \$ 757 |
| Portion of separate account commitments with recourse to Prudential Insurance | \$ | 7 |

(1) Includes a remaining commitment of $\$ 256$ million and $\$ 200$ million at December 31, 2013 and 2012, respectively, related to the Company's agreement to co-invest with the Fosun Group (Fosun) in a private equity fund, managed by Fosun, for the Chinese marketplace.

The Company has commitments to purchase or fund investments, some of which are contingent upon events or circumstances not under the Company's control, including those at the discretion of the Company's counterparties. The Company anticipates a portion of these commitments will ultimately be funded from its separate accounts. Some of the separate account commitments have recourse to Prudential Insurance if the separate accounts are unable to fund the amounts when due.

## Guarantees of Investee Debt

|  | As of December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Total guarantees of debt issued by entities in which the separate accounts have invested | \$2,510 | \$2,178 |
| Amount of above guarantee that is limited to separate account assets | \$2,510 | \$2,167 |
| Accrued liability associated with guarantee | \$ 0 | \$ |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

A number of guarantees provided by the Company relate to real estate investments held in its separate accounts, in which entities that the separate account has invested in have borrowed funds, and the Company has guaranteed their obligations. The Company provides these guarantees to assist these entities in obtaining financing. The Company's maximum potential exposure under these guarantees is mostly limited to the assets of the separate account. The exposure that is not limited to the separate account assets relates mostly to guarantees limited to fraud, criminal activity or other bad acts. These guarantees generally expire at various times over the next eleven years. At December 31, 2013, the Company's assessment is that it is unlikely payments will be required. Any payments that may become required under these guarantees would either first be reduced by proceeds received by the creditor on a sale of the underlying collateral, or would provide rights to obtain the underlying collateral.

## Indemnification of Securities Lending Transactions

|  | As of | ber 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  |  |  |
| Indemnification provided to mutual fund and separate account clients for securities lending | \$15,598 | \$15,454 |
| Fair value of related collateral associated with above indemnifications | \$15,965 | \$15,730 |
| Accrued liability associated with guarantee | \$ 0 | \$ |

In the normal course of business, the Company may facilitate securities lending transactions on behalf of mutual funds and separate accounts for which the Company is the investment advisor and/or the asset manager. In certain of these arrangements, the Company has provided an indemnification to the mutual funds or separate accounts to hold them harmless against losses caused by counterparty (i.e., borrower) defaults associated with the securities lending activity facilitated by the Company. Collateral is provided by the counterparty to the mutual fund or separate account at the inception of the loan equal to or greater than $102 \%$ of the fair value of the loaned securities and the collateral is maintained daily at $102 \%$ or greater of the fair value of the loaned securities. The Company is only at risk if the counterparty to the securities lending transaction defaults and the value of the collateral held is less than the value of the securities loaned to such counterparty. The Company believes the possibility of any payments under these indemnities is remote.

## Credit Derivatives Written

As discussed further in Note 21, the Company writes credit derivatives under which the Company is obligated to pay the counterparty the referenced amount of the contract and receive in return the defaulted security or similar security.

## Guarantees of Asset Values

|  | As of December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Guaranteed value of third parties' assets | \$78,110 | \$64,424 |
| Fair value of collateral supporting these assets | \$79,458 | \$67,555 |
| Asset associated with guarantee, carried at fair value | \$ | \$ |

Certain contracts underwritten by the Retirement segment include guarantees related to financial assets owned by the guaranteed party. These contracts are accounted for as derivatives and carried at fair value. The collateral supporting these guarantees is not reflected on the Company's balance sheet.

## Guarantees of Credit Enhancements

|  | As of | er 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  |  |  |
| Guarantees of credit enhancements of debt instruments associated with commercial real estate assets | \$156 | \$172 |
| Fair value of properties and associated tax credits that secure the guarantee | \$220 | \$215 |
| Accrued liability associated with guarantee . | \$ 0 |  |

The Company arranges for credit enhancements of certain debt instruments that provide financing primarily for affordable multifamily real estate assets, including certain tax-exempt bond financings. The credit enhancements provide assurances to the debt holders as to the timely payment of amounts due under the debt instruments. The remaining contractual maturities for these guarantees are up to fifteen years. The Company's obligations to reimburse required credit enhancement payments are secured by mortgages on the related real estate. The Company receives certain ongoing fees for providing these enhancement arrangements and anticipates the extinguishment of its obligation under these enhancements prior to maturity through the aggregation and transfer of its positions to a substitute enhancement provider.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

## Indemnification of Serviced Mortgage Loans

|  | As of | ber 31, |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  |  |  |
| Maximum exposure under indemnification agreements for mortgage loans serviced by the Company | \$1,173 | \$1,147 |
| First-loss exposure portion of above | \$ 371 | \$ 369 |
| Accrued liability associated with guarantees | \$ 17 |  |

As part of the commercial mortgage activities of the Company's Asset Management segment, the Company provides commercial mortgage origination, underwriting and servicing for certain government sponsored entities, such as Fannie Mae and Freddie Mac. The Company has agreed to indemnify the government sponsored entities for a portion of the credit risk associated with certain of the mortgages it services through a delegated authority arrangement. Under these arrangements, the Company originates multi-family mortgages for sale to the government sponsored entities based on underwriting standards they specify, and makes payments to them for a specified percentage share of losses they incur on certain loans serviced by the Company. The Company's percentage share of losses incurred generally varies from $2 \%$ to $20 \%$ of the loan balance, and is typically based on a first-loss exposure for a stated percentage of the loan balance, plus a shared exposure with the government sponsored entity for any losses in excess of the stated first-loss percentage, subject to a contractually specified maximum percentage. The Company services $\$ 8,816$ million of mortgages subject to these loss-sharing arrangements as of December 31, 2013, all of which are collateralized by first priority liens on the underlying multi-family residential properties. As of December 31, 2013, these mortgages had an average debt service coverage ratio of 1.82 times and an average loan-tovalue ratio of $60 \%$. The Company's total share of losses related to indemnifications that were settled was $\$ 0$ million, $\$ 2$ million, and $\$ 1$ million for the years ended December 31, 2013, 2012, and 2011, respectively.

## Contingent Consideration



In connection with the Company's initial investment in an operating joint venture, the Company agreed to pay additional consideration in future periods, contingent upon the attainment of defined operating objectives. The arrangement was resolved in 2013 and no additional consideration is required as the joint venture did not attain the defined operating objectives.

## Other Guarantees



The Company is also subject to other financial guarantees and indemnity arrangements. The Company has provided indemnities and guarantees related to acquisitions, dispositions, investments and other transactions that are triggered by, among other things, breaches of representations, warranties or covenants provided by the Company. These obligations are typically subject to various time limitations, defined by the contract or by operation of law, such as statutes of limitation. In some cases, the maximum potential obligation is subject to contractual limitations, while in other cases such limitations are not specified or applicable. Included above are $\$ 323$ million and $\$ 299$ million as of December 31, 2013 and 2012, respectively, of yield maintenance guarantees related to certain investments the Company sold. The Company does not expect to make any payments on these guarantees and is not carrying any liabilities associated with these guarantees.

Since certain of these obligations are not subject to limitations, it is not possible to determine the maximum potential amount due under these guarantees. The accrued liabilities identified above do not include retained liabilities associated with sold businesses.

## Insolvency Assessments

Most of the jurisdictions in which the Company is admitted to transact business require insurers doing business within the jurisdiction to participate in guarantee associations, which are organized to pay contractual benefits owed pursuant to insurance policies issued by impaired, insolvent or failed insurers. These associations levy assessments, up to prescribed limits, on all member insurers in a particular

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

state on the basis of the proportionate share of the premiums written by member insurers in the lines of business in which the impaired, insolvent or failed insurer engaged. Some states permit member insurers to recover assessments paid through full or partial premium tax offsets. In addition, Japan has established the Japan Policyholders Protection Corporation as a contingency to protect policyholders against the insolvency of life insurance companies in Japan through assessments to companies licensed to provide life insurance.

Assets and liabilities held for insolvency assessments were as follows:

|  | As of December 31, |  |
| :---: | :---: | :---: |
|  | 2013 | 2012 |
|  | (in millions) |  |
| Other assets: |  |  |
| Premium tax offset for future undiscounted assessments | \$78 | \$ 76 |
| Premium tax offsets currently available for paid assessments | 5 | 5 |
| Total | \$83 | \$ 81 |
| Other liabilities: |  |  |
| Insolvency assessments | \$46 | \$105 |

## Contingent Liabilities

On an ongoing basis, the Company's internal supervisory and control functions review the quality of sales, marketing and other customer interface procedures and practices and may recommend modifications or enhancements. From time to time, this review process results in the discovery of product administration, servicing or other errors, including errors relating to the timing or amount of payments or contract values due to customers. In certain cases, if appropriate, the Company may offer customers remediation and may incur charges, including the cost of such remediation, administrative costs and regulatory fines.

The Company is subject to the laws and regulations of states and other jurisdictions concerning the identification, reporting and escheatment of unclaimed or abandoned funds, and is subject to audit and examination for compliance with these requirements. For additional discussion of these matters, see "Litigation and Regulatory Matters" below.

It is possible that the results of operations or the cash flow of the Company in a particular quarterly or annual period could be materially affected as a result of payments in connection with the matters discussed above or other matters depending, in part, upon the results of operations or cash flow for such period. Management believes, however, that ultimate payments in connection with these matters, after consideration of applicable reserves and rights to indemnification, should not have a material adverse effect on the Company's financial position.

## Litigation and Regulatory Matters

The Company is subject to legal and regulatory actions in the ordinary course of its businesses. Pending legal and regulatory actions include proceedings relating to aspects of the Company's businesses and operations that are specific to it and proceedings that are typical of the businesses in which it operates, including in both cases businesses that have been either divested or placed in wind-down status. Some of these proceedings have been brought on behalf of various alleged classes of complainants. In certain of these matters, the plaintiffs are seeking large and/or indeterminate amounts, including punitive or exemplary damages. The outcome of litigation or a regulatory matter, and the amount or range of potential loss at any particular time, is often inherently uncertain.

The Company establishes accruals for litigation and regulatory matters when it is probable that a loss has been incurred and the amount of that loss can be reasonably estimated. For litigation and regulatory matters where a loss may be reasonably possible, but not probable, or is probable but not reasonably estimable, no accrual is established but the matter, if material, is disclosed, including matters discussed below. The Company estimates that as of December 31, 2013, the aggregate range of reasonably possible losses in excess of accruals established for those litigation and regulatory matters for which such an estimate currently can be made is not material (i.e., less than $\$ 250$ million). Any estimate is not an indication of expected loss, if any, or the Company's maximum possible loss exposure on such matters. The Company reviews relevant information with respect to its litigation and regulatory matters on a quarterly and annual basis and updates its accruals, disclosures and estimates of reasonably possible loss based on such reviews.

## Individual Annuities, Individual Life and Group Insurance

In January 2013, a qui tam action on behalf of the State of Florida, Total Asset Recovery Services v. Met Life Inc., et al., Manulife Financial Corporation, et. al., Prudential Financial, Inc., The Prudential Insurance Company of America, and Prudential Insurance Agency, LLC. filed in the Circuit Court of Leon County, Florida, was served on the Company. The complaint alleges that the Company failed to escheat life insurance proceeds to the State of Florida in violation of the Florida False Claims Act and seeks injunctive relief, compensatory damages, civil penalties, treble damages, prejudgment interest, attorneys' fees and costs. In March 2013, the Company filed a motion to dismiss the complaint. In August 2013, the court dismissed the complaint with prejudice. In September 2013, plaintiff filed an appeal with Florida's Circuit Court of the Second Judicial Circuit in Leon County.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

In September 2012, the State of West Virginia, through its State Treasurer, filed a lawsuit, State of West Virginia ex. Rel. John D. Perdue v. Prudential Insurance Company of America, in the Circuit Court of Putnam County, West Virginia. The complaint alleges violations of the West Virginia Uniform Unclaimed Property Fund Act by failing to properly identify and report all unclaimed insurance policy proceeds which should either be paid to beneficiaries or escheated to West Virginia. The complaint seeks to examine the records of Prudential Insurance to determine compliance with the West Virginia Uniform Unclaimed Property Fund Act, and to assess penalties and costs in an undetermined amount. In October 2012, the State of West Virginia commenced a second action, State of West Virginia ex. Rel. John D. Perdue v. Pruco Life Insurance Company making the same allegations stated in the action against Prudential Insurance. In April 2013, the Company filed motions to dismiss the complaints in both of the West Virginia actions. In December 2013, the Court granted the Company's motions and dismissed the complaints with prejudice. In January 2014, the State of West Virginia appealed the decisions.

In January 2012, a Global Resolution Agreement entered into by the Company and a third party auditor became effective upon its acceptance by the unclaimed property departments of 20 states and jurisdictions. Under the terms of the Global Resolution Agreement, the third party auditor acting on behalf of the signatory states will compare expanded matching criteria to the Social Security Master Death File ("SSMDF") to identify deceased insureds and contract holders where a valid claim has not been made. In February 2012, a Regulatory Settlement Agreement entered into by the Company to resolve a multi-state market conduct examination regarding its adherence to state claim settlement practices became effective upon its acceptance by the insurance departments of 20 states and jurisdictions. The Regulatory Settlement Agreement applies prospectively and requires the Company to adopt and implement additional procedures comparing its records to the SSMDF to identify unclaimed death benefits and prescribes procedures for identifying and locating beneficiaries once deaths are identified. Substantially all other jurisdictions that are not signatories to the Global Resolution Agreement or the Regulatory Settlement Agreement have entered into similar agreements with the Company.

The Company is one of several companies subpoenaed by the New York Attorney General regarding its unclaimed property procedures. Additionally, the New York State Department of Financial Services ("NYDFS") has requested that 172 life insurers (including the Company) provide data to the NYDFS regarding use of the SSMDF. The New York Office of Unclaimed Funds is conducting an audit of the Company's compliance with New York's unclaimed property laws. In February 2012, the Massachusetts Office of the Attorney General requested information regarding the Company's unclaimed property procedures. In December 2013, this matter was closed without prejudice. In May 2013, the Company entered into a settlement agreement with the Minnesota Department of Commerce, Insurance Division, which requires the Company to take additional steps to identify deceased insureds and contract holders where a valid claim has not been made.

From July 2010 to December 2010, four purported nationwide class actions were filed challenging the use of retained asset accounts to settle death benefit claims of beneficiaries of a group life insurance contract owned by the United States Department of Veterans Affairs that covers the lives of members and veterans of the U.S. armed forces. In 2011, the cases were consolidated in the United States District Court for the District of Massachusetts by the Judicial Panel for Multi-District Litigation as In re Prudential Insurance Company of America SGLI/VGLI Contract Litigation. The consolidated complaint alleges that the use of the retained assets accounts that earn interest and are available to be withdrawn by the beneficiary, in whole or in part, at any time, to settle death benefit claims is in violation of federal law, and asserts claims of breach of contract, breaches of fiduciary duty and the duty of good faith and fair dealing, fraud and unjust enrichment and seeks compensatory and punitive damages, disgorgement of profits, equitable relief and pre and post-judgment interest. In March 2011, the motion to dismiss was denied. In January 2012, plaintiffs filed a motion to certify the class. In August 2012, the court denied plaintiffs' class certification motion without prejudice pending the filing of summary judgment motions on the issue of whether plaintiffs sustained an actual injury. In October 2012, the parties filed motions for summary judgment. In November 2013, the Court issued a Memorandum and Order stating that the named plaintffs: (1) did not suffer a cognizable legal injury; (2) are not entitled to any damages based on allegations of delay in payment of benefits; and (3) are not entitled to disgorgement of profits as a remedy. The Court ordered further briefing on whether nominal damages should be awarded and whether any equitable relief should be granted. In February 2014, the parties filed briefs on the issues addressed in the Court's order.

In September 2010, Huffman v. The Prudential Insurance Company, a purported nationwide class action brought on behalf of beneficiaries of group life insurance contracts owned by ERISA-governed employee welfare benefit plans was filed in the United States District Court for the Eastern District of Pennsylvania, challenging the use of retained asset accounts in employee welfare benefit plans to settle death benefit claims as a violation of ERISA and seeking injunctive relief and disgorgement of profits. In July 2011, the Company's motion for judgment on the pleadings was denied. In February 2012, plaintiffs filed a motion to certify the class. In April 2012, the Court stayed the case pending the outcome of a case involving another insurer that is before the Third Circuit Court of Appeals.

In January 2011, a purported state-wide class action, Garcia v. The Prudential Insurance Company of America was dismissed by the Second Judicial District Court, Washoe County, Nevada. The complaint was brought on behalf of Nevada beneficiaries of individual life insurance policies for which, unless the beneficiaries elected another settlement method, death benefits were placed in retained asset accounts. The complaint alleges that by failing to disclose material information about the accounts, the Company wrongfully delayed payment and improperly retained undisclosed profits, and seeks damages, injunctive relief, attorneys' fees and pre and post-judgment interest. In February 2011, plaintiff appealed the dismissal to the Nevada Supreme Court. As previously reported, in December 2009, an earlier purported nationwide class action raising substantially similar allegations brought by the same plaintiff in the United States District Court for the District of New Jersey, Garcia v. Prudential Insurance Company of America, was dismissed. In December 2011, plaintiff appealed the dismissal. In January 2013, the Nevada Supreme Court affirmed the dismissal of the complaint. In May 2013, the time for the plaintiffs to appeal the dismissal expired.

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

In December 2010, a purported state-wide class action complaint, Phillips v. Prudential Financial, Inc., was filed in state court and removed to the United States District Court for the Southern District of Illinois. The complaint makes allegations under Illinois law, substantially similar to the Garcia cases, on behalf of a class of Illinois residents whose death benefit claims were settled by retained assets accounts. In March 2011, the complaint was amended to drop the Company as a defendant and add Pruco Life Insurance Company as a defendant and is now captioned Phillips v. Prudential Insurance and Pruco Life Insurance Company. In November 2011, the complaint was dismissed. In December 2011, plaintiff appealed the dismissal. In May 2013, the United States Court of Appeals for the Seventh Circuit affirmed the dismissal of plaintiff's putative class action complaint. In August 2013, plaintiff's time to appeal the dismissal expired.

In February 2011, a fifth amended complaint was filed in the United States District Court for the District of New Jersey in Clark v. Prudential Insurance Company. The complaint brought on behalf of a purported class of California, Indiana, Ohio and Texas residents who purchased individual health insurance policies alleges that Prudential Insurance failed to disclose that it had ceased selling this type of policy in 1981 and that, as a result, premiums would increase significantly. The complaint alleges claims of fraudulent misrepresentation and omission, breach of the duty of good faith and fair dealing, and California's Unfair Competition Law and seeks compensatory and punitive damages. The matter was originally filed in 2008 and certain of the claims in the first four complaints were dismissed. In February 2012, plaintiffs filed a motion for class certification. In July 2012, Prudential Insurance moved for summary judgment on certain of plaintiffs' claims. In February 2013, the Court denied plaintiffs' motion for class certification, granted the motion by Prudential Insurance for summary judgment against two of the named plaintiffs, and denied summary judgment against two other plaintiffs. In April 2013, the Court denied plaintiffs' motions: (i) for reconsideration of the Court's order denying class certification and granting the Company partial summary judgment; and (ii) to alter or amend the order denying class certification by redefining the class and bifurcating liability and damages issues. In December 2013, the named plaintiffs agreed to a settlement within reserved amounts. In January 2014, the Court dismissed the complaint with prejudice.

From November 2002 to March 2005, eleven separate complaints were filed against the Company and the law firm of Leeds Morelli \& Brown in New Jersey state court and in the New Jersey Superior Court, Essex County as Lederman v. Prudential Financial, Inc., et al. The complaints allege that an alternative dispute resolution agreement entered into among Prudential Insurance, over 235 claimants who are current and former Prudential Insurance employees, and Leeds Morelli \& Brown (the law firm representing the claimants) was illegal and that Prudential Insurance conspired with Leeds Morelli \& Brown to commit fraud, malpractice, breach of contract, and violate racketeering laws by advancing legal fees to the law firm with the purpose of limiting Prudential's liability to the claimants. In February 2010, the New Jersey Supreme Court assigned the cases for centralized case management to the Superior Court, Bergen County. The Company participated in a court-ordered mediation that resulted in a settlement involving 193 of the remaining 235 plaintiffs. The amounts paid to the 193 plaintiffs were within existing reserves for this matter. In December 2013, the Company participated in court-ordered mediation that resulted in a December 2013 settlement involving 40 of the remaining 42 plaintiffs with litigation against the Company, including plaintiffs who had not yet appealed the dismissal of their claims. The amounts paid to the 40 plaintiffs were within existing reserves for this matter.

## Other Matters

In October 2012, a shareholder derivative lawsuit, Stephen Silverman, Derivatively on Behalf of Prudential Financial, Inc. v. John R. Strangfeld, et. al., was filed in the United States District Court for the District of New Jersey, alleging breaches of fiduciary duties, waste of corporate assets and unjust enrichment by certain senior officers and directors. The complaint names as defendants the Company's Chief Executive Officer, the Chief Financial Officer, the Principal Accounting Officer, certain members of the Company's Board of Directors and a former Director. The complaint alleges that the defendants made false and misleading statements regarding the Company's current and future financial condition based on, among other things, the alleged failure to disclose: (i) potential liability for benefits that should either have been paid to policyholders or their beneficiaries, or escheated to applicable states; and (ii) the extent of the Company's exposure for alleged state and federal law violations concerning the settlement of claims and the escheatment of unclaimed property. The complaint seeks an undetermined amount of damages, attorneys' fees and costs, and equitable relief including a direction for the Company to reform and to improve its corporate governance and internal procedures to comply with applicable laws.

In October 2012, the Board of Directors received a shareholder demand letter (the "Demand"), containing allegations of wrongdoing similar to those alleged in the Silverman complaint. The Demand alleges that the Company's Senior Management: (i) breached their fiduciary duties of loyalty and good faith in connection with the management, operation and oversight of the Company's business; (ii) breached their fiduciary duty of good faith to establish and maintain adequate internal controls; and (iii) breached their fiduciary duties by disseminating false, misleading and/or incomplete information, all in connection with the Company's alleged failure to use the SSDMF and to pay beneficiaries and escheat funds to states. The Demand requests that the Board of Directors: (a) undertake an independent internal investigation into Senior Management's violations of New Jersey and/or federal law; and (b) commence a civil action against each member of Senior Management to recover for the benefit of the Company the amount of damages sustained by the Company as a result of the alleged breaches described above. In response to the Demand, the Board of Directors formed a Special Litigation Committee that has retained an outside law firm to investigate the Demand's allegations. In September 2013, before the conclusion of the Special Litigation

## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)

Committee's investigation, the shareholder who submitted the Demand filed a shareholder derivative lawsuit, Paul Memo, Derivatively on Behalf of Prudential Financial, Inc. v. John R. Strangfeld, Jr. et. al., in New Jersey Superior Court, Essex County. The complaint names as defendants the Company's Chief Executive Officer, the Vice Chairman, a former Chief Financial Officer, the Principal Accounting Officer, certain members of the Company's Board of Directors and a former Director. The complaint repeats the allegations in the Demand and seeks an undetermined amount of damages, attorneys' fees and costs, and equitable relief including a direction for the Company to reform and to improve its corporate governance and internal procedures to comply with applicable laws.

In August 2012, a purported class action lawsuit, City of Sterling Heights General Employees' Retirement System v. Prudential Financial, Inc., et al., was filed in the United States District Court for the District of New Jersey, alleging violations of federal securities law. The complaint names as defendants the Company's Chief Executive Officer, the Chief Financial Officer, the Principal Accounting Officer and certain members of the Company's Board of Directors. The complaint alleges that knowingly false and misleading statements were made regarding the Company's current and future financial condition based on, among other things, the alleged failure to disclose: (i) potential liability for benefits that should either have been paid to policyholders or their beneficiaries, or escheated to applicable states; and (ii) the extent of the Company's exposure for alleged state and federal law violations concerning the settlement of claims and the escheatment of unclaimed property. The complaint seeks an undetermined amount of damages, interest, attorneys' fees and costs. In May 2013, the complaint was amended to add three additional putative institutional investors as lead plaintiffs: National Shopmen Pension Fund, The Heavy \& General Laborers' Locals 472 \& 172 Pension \& Annuity Funds, and Roofers Local No. 149 Pension Fund. In June 2013, the Company moved to dismiss the amended complaint. In February 2014, the Court denied the Company's motion to dismiss.

In October 2006, a purported class action lawsuit, Bouder v. Prudential Financial, Inc. and Prudential Insurance Company of America, was filed in the United States District Court for the District of New Jersey, claiming that Prudential failed to pay overtime to insurance agents in violation of federal and Pennsylvania law, and that improper deductions were made from these agents' wages in violation of state law. The complaint sought back overtime pay and statutory damages, recovery of improper deductions, interest, and attorneys' fees. In March 2008, the court conditionally certified a nationwide class on the federal overtime claim. Separately, in March 2008, a purported nationwide class action lawsuit was filed in the United States District Court for the Southern District of California, Wang v. Prudential Financial, Inc. and Prudential Insurance, claiming that the Company failed to pay its agents overtime and provide other benefits in violation of California and federal law and seeking compensatory and punitive damages in unspecified amounts. In September 2008, Wang was transferred to the United States District Court for the District of New Jersey and consolidated with the Bouder matter. Subsequent amendments to the complaint resulted in additional allegations involving purported violations of an additional nine states' overtime and wage payment laws. In February 2010, Prudential moved to decertify the federal overtime class that had been conditionally certified in March 2008 and moved for summary judgment on the federal overtime claims of the named plaintiffs. In July 2010, plaintiffs filed a motion for class certification of the state law claims. In August 2010, the district court granted Prudential's motion for summary judgment, dismissing the federal overtime claims. In January 2013, the Court denied plaintiffs' motion for class certification in its entirety. In July 2013, the Court granted plaintiffs' motion for reconsideration, permitting plaintiffs to file a motion to certify a class of employee insurance agents seeking recovery under state wage and hour laws. In September 2013, plaintiffs filed a renewed motion for class certification.

Since April 2012, the Company has filed ten actions seeking to recover damages attributable to investments in residential mortgagebacked securities ("RMBS"). Eight actions were filed in New Jersey state court, captioned The Prudential Insurance Company of America, et al. v. JP Morgan Chase, et al.; The Prudential Insurance Company of America, et al. v. Morgan Stanley, et al.; The Prudential Insurance Company of America, et al. v. Nomura Securities International, Inc., et al.; The Prudential Insurance Company of America, et al. v. Barclays Bank PLC, et al.; The Prudential Insurance Company of America, et al. v. Goldman Sachs \& Company, et al.;The Prudential Insurance Company of America, et al. v. RBS Financial Products, Inc., et al.; The Prudential Insurance Company of America, et al. v. Countrywide Financial Corp., et al.; and The Prudential Insurance Company of America, et al. v. UBS Securities LLC. et al. Additionally, two actions were filed in the United States District Court for the District of New Jersey: The Prudential Insurance Company of America $v$. Credit Suisse Securities (USA) LLC, et al. and The Prudential Insurance Company of America v. Bank of America National Association and Merrill Lynch \& Co., Inc., et al. Among other allegations stemming from the defendants' origination, underwriting and sales of RMBS, the complaints assert claims of common law fraud, negligent misrepresentation, breaches of the New Jersey Civil RICO statute, and, in some lawsuits, federal securities claims. The complaints seek unspecified damages.

Seven of the defendants (J.P. Morgan, Barclays, Nomura, RBS, Goldman Sachs, Countrywide, and UBS) removed the lawsuits from New Jersey state court to the United States District Court for the District of New Jersey. The Countrywide defendants also made an application to the Judicial Panel on Multi-District Litigation to transfer that case to the United States District Court for the Central District of California. In August 2013, that application was granted. Except for the Nomura and Goldman Sachs actions, the Company filed motions to remand the lawsuits to New Jersey state court. The J.P. Morgan, Barclays, RBS and UBS lawsuits were subsequently remanded to New Jersey state court.

Each of the Goldman Sachs, Morgan Stanley, Nomura, Credit Suisse, Barclays, Bank of America/Merrill Lynch, J.P. Morgan, RBS and Countrywide defendants filed motions to dismiss the complaints against them. The motions to dismiss filed by Goldman Sachs, J.P. Morgan, Morgan Stanley, and Credit Suisse have been denied, the motion to dismiss filed by Nomura has been superseded by the filing of our amended complaint, and the motions to dismiss filed by Barclays, Bank of America/Merrill Lynch, RBS and Countrywide are pending. In December 2013, the lawsuit against Goldman Sachs was settled.

# PRUDENTIAL FINANCIAL, INC. <br> Notes to Consolidated Financial Statements <br> \section*{23. COMMITMENTS AND GUARANTEES, CONTINGENT LIABILITIES AND LITIGATION AND REGULATORY MATTERS (continued)} 


#### Abstract

Summary The Company's litigation and regulatory matters are subject to many uncertainties, and given their complexity and scope, their outcome cannot be predicted. It is possible that the Company's results of operations or cash flow in a particular quarterly or annual period could be materially affected by an ultimate unfavorable resolution of pending litigation and regulatory matters depending, in part, upon the results of operations or cash flow for such period. In light of the unpredictability of the Company's litigation and regulatory matters, it is also possible that in certain cases an ultimate unfavorable resolution of one or more pending litigation or regulatory matters could have a material adverse effect on the Company's financial position. Management believes, however, that, based on information currently known to it, the ultimate outcome of all pending litigation and regulatory matters, after consideration of applicable reserves and rights to indemnification, is not likely to have a material adverse effect on the Company's financial position.


## 24. QUARTERLY RESULTS OF OPERATIONS (UNAUDITED)

The unaudited quarterly results of operations for the years ended December 31, 2013 and 2012 are summarized in the table below:

|  | Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | March 31 | June 30 | September 30 | ecember 31 |
|  | (in millions, except per share amounts) |  |  |  |
| 2013 |  |  |  |  |
| Total revenues | \$10,171 | \$10,041 | \$11,310 | \$ 9,939 |
| Total benefits and expenses | 11,730 | 10,810 | 9,784 | 10,821 |
| Income (loss) from continuing operations | (686) | (489) | 1,032 | (424) |
| Income (loss) from discontinued operations | 1 | 2 | 8 | (4) |
| Net income (loss) | (685) | (487) | 1,040 | (428) |
| Less: Income attributable to noncontrolling interests | 35 | 27 | 13 | 32 |
| Net income (loss) attributable to Prudential Financial, Inc. | (720) | (514) | 1,027 | (460) |
| Basic earnings per share-Common Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.58) | \$ (1.12) | \$ 2.06 | \$ (0.93) |
| Income (loss) from discontinued operations, net of taxes | 0.00 | 0.00 | 0.01 | (0.01) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (1.58) | \$ (1.12) | \$ 2.07 | \$ (0.94) |
| Diluted earnings per share-Common Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (1.58) | \$ (1.12) | \$ 2.02 | \$ (0.93) |
| Income (loss) from discontinued operations, net of taxes | 0.00 | 0.00 | 0.02 | (0.01) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (1.58) | \$ (1.12) | \$ 2.04 | \$ (0.94) |
| Basic and diluted earnings per share-Class B Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 5.50 | \$ 1.00 | \$ 29.50 | \$(14.00) |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ 5.50 | \$ 1.00 | \$ 29.50 | \$ (14.00) |
| 2012 |  |  |  |  |
| Total revenues | \$ 9,635 | \$16,140 | \$13,136 | \$45,936 |
| Total benefits and expenses | 10,386 | 13,167 | 14,074 | 46,512 |
| Income (loss) from continuing operations | (926) | 2,231 | (565) | (185) |
| Income (loss) from discontinued operations | 7 | 7 | (2) | 3 |
| Net income (loss) | (919) | 2,238 | (567) | (182) |
| Less: Income attributable to noncontrolling interests | 6 | 16 | 7 | 21 |
| Net income (loss) attributable to Prudential Financial, Inc. | (925) | 2,222 | (574) | (203) |
| Basic earnings per share-Common Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (2.01) | \$ 4.73 | \$ (1.32) | \$ (0.42) |
| Income (loss) from discontinued operations, net of taxes | 0.01 | 0.02 | 0.00 | 0.00 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (2.00) | \$ 4.75 | \$ (1.32) | \$ (0.42) |
| Diluted earnings per share-Common Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ (2.01) | \$ 4.67 | \$ (1.32) | \$ (0.42) |
| Income (loss) from discontinued operations, net of taxes | 0.01 | 0.02 | 0.00 | 0.00 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ (2.00) | \$ 4.69 | \$ (1.32) | \$ (0.42) |
| Basic and diluted earnings per share-Class B Stock(1): |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential Financial, Inc. | \$ 6.50 | \$ (6.00) | \$ 20.00 | \$ (9.00) |
| Income (loss) from discontinued operations, net of taxes | 0.00 | (0.50) | (0.50) | 0.00 |
| Net income (loss) attributable to Prudential Financial, Inc. | \$ 6.50 | \$ (6.50) | \$ 19.50 | \$ (9.00) |

[^12]
## PRUDENTIAL FINANCIAL, INC.

## Notes to Consolidated Financial Statements

## 24. QUARTERLY RESULTS OF OPERATIONS (UNAUDITED) (continued)

The quarterly historical information presented in the table above has been revised to reflect the impact of a discretionary change in accounting principle for recognition of performance based incentive fee revenue. The Company adopted this revised accounting principle in the fourth quarter of 2013 with retrospective application for prior periods. For further information, see Note 2. See table below for impact to net income (loss) attributable to Prudential Financial, Inc. and diluted earnings per share of Common stock for previously reported periods.

|  | Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | March 31 | June 30 | September 30 | December 31 |
|  | (in millions, except per share amounts) |  |  |  |
| Impact of change in accounting for performance based incentive fees: 2013 |  |  |  |  |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | \$ (21) | \$ (1) | \$ (21) | n/a |
| Less: Income (loss) attributable to noncontrolling interests | (7) | (8) | (6) | n/a |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL FINANCIAL, INC. | \$ (14) | \$ 7 | \$ (15) | n/a |
| EARNINGS PER SHARE |  |  |  |  |
| Financial Services Businesses |  |  |  |  |
| Basic earnings per share-Common Stock: |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential |  |  |  |  |
| Financial, Inc. | \$(0.03) | \$ 0.02 | \$(0.03) | $\mathrm{n} / \mathrm{a}$ |
| Net income (loss) attributable to Prudential Financial, Inc. | (0.03) | 0.01 | (0.04) | n/a |
| Diluted earnings per share-Common Stock: |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential |  |  |  |  |
| Financial, Inc. | \$(0.03) | \$ 0.02 | \$(0.04) | $\mathrm{n} / \mathrm{a}$ |
| Net income (loss) attributable to Prudential Financial, Inc. | (0.03) | 0.01 | (0.03) | $\mathrm{n} / \mathrm{a}$ |
| 2012 |  |  |  |  |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | \$ 9 | \$ (1) | \$ (8) | \$ 23 |
| Less: Income (loss) attributable to noncontrolling interests | (5) | 1 | (18) | (6) |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL |  |  |  |  |
| FINANCIAL, INC. | \$ 14 | \$ (2) | \$ 10 | \$ 29 |
| EARNINGS PER SHARE |  |  |  |  |
| Financial Services Businesses |  |  |  |  |
| Basic earnings per share-Common Stock: |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential |  |  |  |  |
| Financial, Inc. | \$ 0.03 | \$(0.01) | \$ 0.02 | \$0.06 |
| Net income (loss) attributable to Prudential Financial, Inc. | 0.03 | 0.00 | 0.02 | 0.06 |
| Diluted earnings per share-Common Stock: |  |  |  |  |
| Income (loss) from continuing operations attributable to Prudential |  |  |  |  |
| Financial, Inc. . . . . . . . | \$ 0.03 | \$ 0.00 | \$ 0.02 | \$0.06 |
| Net income (loss) attributable to Prudential Financial, Inc. | 0.03 | 0.00 | 0.02 | 0.06 |

Results for the fourth quarter of 2013 include a pre-tax benefit of $\$ 116$ million related to an out of period adjustment recorded by the Company due to an overstatement of reserves in the third quarter of 2013. The overstatement resulted from the use of incorrect data inputs to calculate the impact of the market's perception of our own non-performance risk on the reserves for certain annuities with guaranteed benefits. This item impacted only the third and fourth quarters of 2013 and had no impact to full year 2013 reported results.

Results for the second quarter of 2012 include a total pre-tax charge of $\$ 122$ million related to two out of period adjustments recorded by the Company. The first adjustment related to a decline in the value of a real estate-related investment. Based on a review of the underlying collateral and a related guarantee, the Company determined that impairments of $\$ 75$ million should have been recognized, $\$ 61$ million of which related to prior periods. The second adjustment consisted of an increase of $\$ 61$ million in reserves for estimated payments arising from use of new Social Security Master Death File matching criteria to identify deceased policy and contract holders. The initial calculation of the reserve excluded certain life policies in extended term status from the analysis used to identify potential claims.

Results for the fourth quarter of 2012 include a total pre-tax charge of $\$ 54$ million related to an out of period adjustment recorded by the Company due to an understatement of recorded liabilities for certain employee benefits based on a review of the consistency of recognition of such liabilities.

## PRUDENTIAL FINANCIAL, INC.

## Supplemental Combining Statements of Financial Position December 31, 2013 and 2012 (in millions)



## PRUDENTIAL FINANCIAL, INC.

## Supplemental Combining Statements of Operations

Years Ended December 31, 2013 and 2012 (in millions)

|  | 2013 |  |  | 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Services Businesses | Closed Block Business | Consolidated | Financial Services Businesses | Closed Block Business | Consolidated |
| REVENUES |  |  |  |  |  |  |
| Premiums | \$23,509 | \$2,728 | \$26,237 | \$62,537 | \$2,817 | \$65,354 |
| Policy charges and fee income | 5,415 | 0 | 5,415 | 4,489 | 0 | 4,489 |
| Net investment income | 11,713 | 3,016 | 14,729 | 10,508 | 3,153 | 13,661 |
| Asset management fees and other income | 226 | 60 | 286 | 2,740 | 44 | 2,784 |
| Realized investment gains (losses), net |  |  |  |  |  |  |
| Other-than-temporary impairments on fixed maturity securities | (659) | (396) | $(1,055)$ | (939) | (672) | $(1,611)$ |
| Other-than-temporary impairments on fixed maturity securities transferred to Other Comprehensive Income | 509 | 347 | 856 | 676 | 598 | 1,274 |
| Other realized investment gains (losses), net ........ | $(5,288)$ | 281 | $(5,007)$ | $(1,421)$ | 317 | $(1,104)$ |
| Total realized investment gains (losses), net | $(5,438)$ | 232 | $(5,206)$ | $(1,684)$ | 243 | $(1,441)$ |
| Total revenues | 35,425 | 6,036 | 41,461 | 78,590 | 6,257 | 84,847 |
| BENEFITS AND EXPENSES |  |  |  |  |  |  |
| Policyholders' benefits | 23,399 | 3,334 | 26,733 | 61,686 | 3,445 | 65,131 |
| Interest credited to policyholders' account balances | 2,975 | 136 | 3,111 | 4,097 | 137 | 4,234 |
| Dividends to policyholders | 140 | 1,910 | 2,050 | 155 | 2,021 | 2,176 |
| Amortization of deferred policy acquisition costs | 203 | 37 | 240 | 1,466 | 38 | 1,504 |
| General and administrative expenses | 10,454 | 557 | 11,011 | 10,542 | 552 | 11,094 |
| Total benefits and expenses | 37,171 | 5,974 | 43,145 | 77,946 | 6,193 | 84,139 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE INCOME TAXES AND EQUITY IN EARNINGS |  |  |  |  |  |  |
| OF OPERATING JOINT VENTURES | $(1,746)$ | 62 | $(1,684)$ | 644 | 64 | 708 |
| Income tax expense (benefit) | $(1,074)$ | 16 | $(1,058)$ | 192 | 21 | 213 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS BEFORE EQUITY IN EARNINGS OF OPERATING JOINT VENTURES | (672) | 46 | (626) | 452 | 43 | 495 |
| Equity in earnings of operating joint ventures, net of taxes | 59 | 0 | 59 | 60 | 0 | 60 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | (613) | 46 | (567) | 512 | 43 | 555 |
| Income (loss) from discontinued operations, net of taxes | 7 | 0 | 7 | 17 | (2) | 15 |
| NET INCOME (LOSS) | (606) | 46 | (560) | 529 | 41 | 570 |
| Less: Income attributable to noncontrolling interests | 107 | 0 | 107 | 50 | 0 | 50 |
| NET INCOME (LOSS) ATTRIBUTABLE TO PRUDENTIAL FINANCIAL, INC. | \$ (713) | \$ 46 | \$ (667) | \$ 479 | \$ 41 | \$ 520 |

## PRUDENTIAL FINANCIAL, INC.

## Notes to Supplemental Combining Financial Information

## 1. BASIS OF PRESENTATION

The supplemental combining financial information presents the consolidated financial position and results of operations for Prudential Financial, Inc. and its subsidiaries (together, the "Company"), separately reporting the Financial Services Businesses and the Closed Block Business. The Financial Services Businesses and the Closed Block Business are both fully integrated operations of the Company and are not separate legal entities. The supplemental combining financial information presents the results of the Financial Services Businesses and the Closed Block Business as if they were separate reporting entities and should be read in conjunction with the Consolidated Financial Statements.

The Company has outstanding two classes of common stock. The Common Stock reflects the performance of the Financial Services Businesses and the Class B Stock reflects the performance of the Closed Block Business.

The Closed Block Business was established on the date of demutualization and includes the assets and liabilities of the Closed Block (see Note 12 to the Consolidated Financial Statements for a description of the Closed Block). It also includes assets held outside the Closed Block necessary to meet insurance regulatory capital requirements related to products included within the Closed Block; deferred policy acquisition costs related to the Closed Block policies; the principal amount of the IHC debt (as discussed below and in Note 14 to the Consolidated Financial Statements) and related unamortized debt issuance costs, as well as an interest rate swap related to the IHC debt; and certain other related assets and liabilities. The Financial Services Businesses consist of the U.S. Retirement Solutions and Investment Management, U.S. Individual Life and Group Insurance, and International Insurance divisions and Corporate and Other operations.

## 2. ALLOCATION OF RESULTS

This supplemental combining financial information reflects the assets, liabilities, revenues and expenses directly attributable to the Financial Services Businesses and the Closed Block Business, as well as allocations deemed reasonable by management in order to fairly present the financial position and results of operations of the Financial Services Businesses and the Closed Block Business on a stand-alone basis. While management considers the allocations utilized to be reasonable, management has the discretion to make operational and financial decisions that may affect the allocation methods and resulting assets, liabilities, revenues and expenses of each business. In addition, management has limited discretion over accounting policies and the appropriate allocation of earnings between the two businesses. The Company is subject to agreements which provide that, in most instances, the Company may not change the allocation methodology or accounting policies for the allocation of earnings between the Financial Services Businesses and Closed Block Business without the prior consent of the Class B Stock holders or IHC debt bond insurer.

General corporate overhead not directly attributable to a specific business that has been incurred in connection with the generation of the businesses' revenues is generally allocated between the Financial Services Businesses and the Closed Block Business based on the general and administrative expenses of each business as a percentage of the total general and administrative expenses for all businesses.

PHLLC has outstanding IHC debt, of which net proceeds of $\$ 1.66$ billion were allocated to the Financial Services Businesses concurrent with the demutualization on December 18, 2001. The IHC debt is serviced by the cash flows of the Closed Block Business, and the results of the Closed Block Business reflect interest expense associated with the IHC debt.

Income taxes are allocated between the Financial Services Businesses and the Closed Block Business as if they were separate companies based on the taxable income or losses and other tax characterizations of each business. If the Financial Services Businesses generate tax benefits, such as net operating losses, it is entitled to record such tax benefits to the extent they are expected to be utilized on a consolidated basis. However, if the Closed Block Business generates tax benefits, it will receive the full benefit in cash, and the Financial Services Businesses will subsequently recover the payment at the time the benefits are actually utilized on a consolidated basis.

Holders of Common Stock have no interest in a separate legal entity representing the Financial Services Businesses; holders of the Class B Stock have no interest in a separate legal entity representing the Closed Block Business; and holders of each class of common stock are subject to all of the risks associated with an investment in the Company.

In the event of a liquidation, dissolution or winding-up of the Company, holders of Common Stock and holders of Class B Stock would be entitled to receive a proportionate share of the net assets of the Company that remain after paying all liabilities and the liquidation preferences of any preferred stock.

The results of the Financial Services Businesses are subject to certain risks pertaining to the Closed Block. These include any expenses and liabilities from litigation affecting the Closed Block policies as well as the consequences of certain potential adverse tax determinations. In connection with the sale of the Class B Stock and IHC debt, the cost of indemnifying the investors with respect to certain matters will be borne by the Financial Services Businesses.

## MARKET PRICE OF AND DIVIDENDS ON COMMON EQUITY, AND RELATED STOCKHOLDER MATTERS

Prudential Financial's Common Stock was issued to eligible policyholders in Prudential Insurance's demutualization and sold to investors in Prudential Financial's initial public offering. The Common Stock began trading on the New York Stock Exchange under the symbol "PRU" on December 13, 2001. The following table presents the high and low closing prices for the Common Stock on the New York Stock Exchange during the periods indicated and the dividends declared per share during such periods:

|  | High | Low | Dividends |
| :---: | :---: | :---: | :---: |
| 2013: |  |  |  |
| Fourth Quarter | \$92.43 | \$75.99 | \$0.53 |
| Third Quarter | \$82.62 | \$73.30 | \$0.40 |
| Second Quarter | \$73.03 | \$54.91 | \$0.40 |
| First Quarter | \$60.41 | \$54.64 | \$0.40 |
| 2012: |  |  |  |
| Fourth Quarter | \$59.89 | \$48.74 | \$1.60 |
| Third Quarter | \$58.63 | \$45.46 | - |
| Second Quarter | \$64.50 | \$44.74 | - |
| First Quarter | \$64.65 | \$51.30 | - |

On January 31, 2014, there were 1,612,274 registered holders of record for the Common Stock and 461 million shares outstanding.
The Class B Stock was issued to institutional investors (two subsidiaries of American International Group, Inc. and Pacific Life Corp.) in a private placement pursuant to Section 4(2) of the Securities Act of 1933 on the date of demutualization. There is no established public trading market for the Class B Stock. For the years ended December 31, 2013 and 2012, Prudential Financial paid dividends totaling $\$ 9.625$ per share of Class B Stock. On January 31, 2014, there were three holders of record for the Class B Stock and 2 million shares outstanding.

Prudential Financial's Board of Directors currently intends to continue to declare and pay dividends on the Common Stock and Class B Stock. Future dividend decisions will be based on, and affected by, a number of factors including the financial performance of the Financial Services Businesses and Closed Block Business; our overall financial condition, results of operations, cash requirements and future prospects; regulatory restrictions including on the payment of dividends by Prudential Financial's subsidiaries and requirements under Dodd-Frank; and such other factors as the Board of Directors may deem relevant. Dividends payable by Prudential Financial are limited to the amount that would be legally available for payment under New Jersey corporate law. For additional information on dividends and related regulatory restrictions, see Note 15 to the Consolidated Financial Statements.

For additional information about our exchangeable surplus notes see Note 14 to the Consolidated Financial Statements.

## PERFORMANCE GRAPH

The following graph, which covers the period from the closing price on December 31, 2008 through the closing price on December 31, 2013, compares the cumulative total shareholder return on Prudential Financial's Common Stock with the cumulative total shareholder return on (i) the Standard \& Poor's ("S\&P") 500 Index, and (ii) a Financial Services Composite Index, which is the average of the S\&P 500 Life \& Health Insurance and S\&P 500 Diversified Financials indices. The figures presented below assume the reinvestment of all dividends into shares of common stock and an initial investment of $\$ 100$ at the closing prices on December 31, 2008.

|  | ANNUAL RETURN PERCENTAGEYears Ending |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Company / Index | Dec09 | Dec10 | Dec11 | Dec12 | Dec13 |
| Prudential Financial, Inc | 66.75 | 20.66 | -12.19 | 9.67 | 77.17 |
| S\&P 500 Index | 26.46 | 15.06 | 2.11 | 16.00 | 32.39 |
| Financial Services Composite Index | 22.98 | 15.17 | -25.37 | 27.97 | 52.43 |



## FORWARD-LOOKING STATEMENTS

Certain of the statements included in this Annual Report on Form 10-K, including but not limited to those in Management's Discussion and Analysis of Financial Condition and Results of Operations, constitute forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. Words such as "expects," "believes," "anticipates," "includes," "plans," "assumes," "estimates," "projects," "intends," "should," "will," "shall" or variations of such words are generally part of forward-looking statements. Forward-looking statements are made based on management's current expectations and beliefs concerning future developments and their potential effects upon Prudential Financial, Inc. and its subsidiaries. There can be no assurance that future developments affecting Prudential Financial, Inc. and its subsidiaries will be those anticipated by management. These forward-looking statements are not a guarantee of future performance and involve risks and uncertainties, and there are certain important factors that could cause actual results to differ, possibly materially, from expectations or estimates reflected in such forward-looking statements, including, among others: (1) general economic, market and political conditions, including the performance and fluctuations of fixed income, equity, real estate and other financial markets; (2) the availability and cost of additional debt or equity capital or external financing for our operations; (3) interest rate fluctuations or prolonged periods of low interest rates; (4) the degree to which we choose not to hedge risks, or the potential ineffectiveness or insufficiency of hedging or risk management strategies we do implement, with regard to variable annuity or other product guarantees; (5) any inability to access our credit facilities; (6) reestimates of our reserves for future policy benefits and claims; (7) differences between actual experience regarding mortality, longevity, morbidity, persistency, surrender experience, interest rates or market returns and the assumptions we use in pricing our products, establishing liabilities and reserves or for other purposes; (8) changes in our assumptions related to deferred policy acquisition costs, value of business acquired or goodwill; (9) changes in assumptions for retirement expense; (10) changes in our financial strength or credit ratings; (11) statutory reserve requirements associated with term and universal life insurance policies under Regulation XXX and Guideline AXXX; (12) investment losses, defaults and counterparty non-performance; (13) competition in our product lines and for personnel; (14) difficulties in marketing and distributing products through current or future distribution channels; (15) changes in tax law; (16) economic, political, currency and other risks relating to our international operations; (17) fluctuations in foreign currency exchange rates and foreign securities markets; (18) regulatory or legislative changes, including the Dodd-Frank Wall Street Reform and Consumer Protection Act; (19) inability to protect our intellectual property rights or claims of infringement of the intellectual property rights of others; (20) adverse determinations in litigation or regulatory matters and our exposure to contingent liabilities, including in connection with our divestiture or winding down of businesses; (21) domestic or international military actions, natural or man-made disasters including terrorist activities or pandemic disease, or other events resulting in catastrophic loss of life; (22) ineffectiveness of risk management policies and procedures in identifying, monitoring and managing risks; (23) effects of acquisitions, divestitures and restructurings, including possible difficulties in integrating and realizing projected results of acquisitions; (24) interruption in telecommunication, information technology or other operational systems or failure to maintain the security, confidentiality or privacy of sensitive data on such systems; (25) changes in statutory or U.S. GAAP accounting principles, practices or policies; (26) Prudential Financial, Inc.'s primary reliance, as a holding company, on dividends or distributions from its subsidiaries to meet debt payment obligations and the ability of the subsidiaries to pay such dividends or distributions in light of our ratings objectives and/or applicable regulatory restrictions; and (27) risks due to the lack of legal separation between our Financial Services Businesses and our Closed Block Business. Prudential Financial, Inc. does not intend, and is under no obligation, to update any particular forwardlooking statement included in this document. See "Risk Factors" included in Prudential Financial's 2013 Annual Report on Form 10-K for discussion of certain risks relating to our businesses and investment in our securities.

## EXECUTIVE OFFICERS

John R. Strangfeld
Chairman of the Board, Chief Executive Officer and President

Mark B. Grier<br>Vice Chairman

## Edward P. Baird*

Executive Vice President and Chief Operating Officer, International Businesses

## Susan L. Blount

Executive Vice President and General Counsel

Robert M. Falzon
Executive Vice President and Chief Financial Officer

Charles F. Lowrey*
Executive Vice President and Chief Operating Officer, U.S. Businesses

Barbara G. Koster
Senior Vice President and Chief Information Officer

Richard F. Lambert
Senior Vice President and Chief Actuary

Nicholas C. Silitch
Senior Vice President and Chief Risk Officer

Scott C. Sleyster
Senior Vice President and Chief Investment Officer

Sharon C. Taylor
Senior Vice President, Human Resources
*Effective April 4, 2014, Charles F. Lowrey replaces Edward P. Baird as Executive Vice President and Chief Operating Officer of Prudential's International Businesses, following Baird's retirement, and Stephen Pelletier, previously CEO of Prudential's Group Insurance business, succeeds Lowrey as Executive Vice President and Chief Operating Officer, U.S. Businesses.

BOARD OF DIRECTORS
Thomas J. Baltimore Jr. President and Chief Executive Officer, RLJ Lodging Trust

Gordon M. Bethune
Managing Director, g-b1 Partners

## Gaston Caperton

Former Governor, West Virginia

Gilbert F. Casellas
Chairman, OMNITRU
James G. Cullen
Retired President and Chief Operating Officer, Bell Atlantic Corporation

Mark B. Grier
Vice Chairman, Prudential Financial, Inc.

Constance J. Horner
Former Guest Scholar at The Brookings Institution and Former Assistant to the President of the United States

## Martina T. Hund-Mejean

Chief Financial Officer, MasterCard Worldwide

## Karl J. Krapek

Co-Founder, The Keystone Companies

## Christine A. Poon

Dean and John W. Berry, Sr., Chair in Business, Fisher College of Business at The Ohio State University

## Douglas A. Scovanner

Founder and Managing Member, Comprehensive
Financial Strategies, LLC

## John R. Strangfeld

Chairman of the Board, Chief Executive Officer and President, Prudential Financial, Inc.

James A. Unruh<br>Founding Principal, Alerion Capital Group, LLC

## SHAREHOLDER INFORMATION

## Corporate Office

Prudential Financial, Inc.
751 Broad Street, Newark, NJ 07102
973-802-6000

## Stock Exchange Listing

The Common Stock of Prudential Financial, Inc. is traded on the New York Stock Exchange under the symbol "PRU."

## Shareholder Services at Computershare

Computershare Trust Company, N.A., the transfer agent for
Prudential Financial, Inc., can assist registered shareholders
with a variety of services, including:

- Convenient liquidation of shares
- Direct deposit of dividends
- Transferring shares from a deceased shareholder to another owner
- Changing the ownership of your shares
- Change of address

Now you can receive electronic delivery of all shareholder communications from Computershare, including the annual report and proxy materials, tax forms and other statements. By selecting this option, you are partnering with us to minimize our impact on the environment.

For more information, contact Computershare directly:

- Online: www.computershare.com/investor
- By phone: within the United States at 800-305-9404, outside the United States at 732-512-3782
- By mail: Computershare Trust Company, N.A. P.O. Box 43033, Providence, RI 02940-3033

Did you know you can also transfer shares registered at Computershare to your broker? Please contact your broker for additional information.

## Annual Meeting

Shareholders are invited to attend Prudential Financial, Inc.'s annual meeting, which will be held on May 13, 2014, beginning at 2 p.m. at our corporate headquarters. You may listen to the annual meeting on the internet by visiting www.investor.prudential.com. Additional information about the meeting can be found in the proxy statement.

Information about Prudential Financial, Inc.
You can contact Prudential Financial, Inc.'s Corporate Information Service at 877-998-7625 at any time to obtain or listen to financial results or news releases. In addition, you may request a copy of our Annual Report on Form 10-K, which we will send to you without charge. You may also access our news releases, financial information and reports filed with the Securities and Exchange Commission (for example, our Annual Report on Form 10-K, our Quarterly Reports on Form 10-Q, and our Current Reports on Form 8-K and any amendments to those forms) online at www.investor. prudential.com. Copies of current documents on our website are available without charge, and reports filed with or furnished to the Securities and Exchange Commission will be available as soon as reasonably practicable after they are filed with or furnished to the Commission.

## Investor Relations

Institutional investors, analysts and other members of the professional financial community can contact our Investor Relations department via e-mail at investor.relations@prudential.com, or by visiting the Investor Relations website at www.investor.prudential.com.
Visit Prudential Financial, Inc. Online
For more information about our corporate governance, as well as to access information for shareholders and information about our company, visit our website at www.prudential.com/governance. Sustainable Future.


[^0]:    *Adjusted operating income is not calculated under U.S. generally accepted accounting principles (GAAP) and is a financial measure we use to analyze the operating performance of our Financial Services Businesses. See footnote (1) on page 5 and footnote (A) on page 7 for a further description of adjusted operating income.

[^1]:    (1) Reflects the income from discontinued real estate investments.

[^2]:    (1) Represents circumstances where the Company determined in the current period that it intends to sell the security or it is more likely than not that it will be required to sell the security before recovery of the security's amortized cost.

[^3]:    (1) See Note 21 for more information on cash flow hedges
    (2) As of December 31, 2013, includes $\$ 18$ million of net unrealized losses on held-to-maturity securities that were previously transferred from available-for-sale. Also includes net unrealized gains on certain joint ventures that are strategic in nature and are included in "Other assets."

[^4]:    (1) Includes gains associated with sales of the Company's previous investment, through a consortium, in China Pacific Group, for which the Company's remaining shares were sold in January, 2013. For the years ended December 31, 2013, 2012 and 2011, the Company recognized pre-tax gains of $\$ 66$ million, $\$ 60$ million and $\$ 237$ million, respectively, from sales of this investment.

[^5]:    (1) Performance share and performance unit awards reflect the target awarded, reduced for cancellations and releases to date. The actual number of units to be awarded at the end of each performance period will range between $0 \%$ and $150 \%$ of the target number of awards granted, based upon a measure of the reported performance for the Company's Financial Services Businesses relative to stated goals.

[^6]:    (1) Certain employees were provided special termination benefits under non-qualified plans in the form of unreduced early retirement benefits as a result of their involuntary termination.
    (2) Includes net periodic (benefit) cost for pensions of $\$ 0$ million, $\$ 0$ million and ( $\$ 18$ ) million for 2013, 2012 and 2011, respectively, that have been classified as discontinued operations.

[^7]:    (1) The transfers in and out of Level 3 represent a reclassification of certain fund assets from Partnerships to Hedge Funds.

[^8]:    (1) This category invests in U.S. equity funds, primarily large cap equities whose objective is to track an index via pooled separate accounts and registered investment companies.
    (2) This category invests in U.S. equity funds, primarily large cap equities.
    (3) This category invests in international equity funds, primarily large cap international equities whose objective is to track an index.
    (4) This category fund invests in large cap international equity fund whose objective is to outperform an index.
    (5) This category invests in U.S. bonds funds.
    (6) This category invests in highly rated corporate bonds.
    (7) This category invests in highly rated Collateralized Mortgage Obligations.
    (8) Cash and cash equivalents, short term investments, payables and receivables and open future contract positions (including fixed income collateral).
    (9) In 2013 the contractual net value of the investment of securities lending collateral invested in primarily short-term bond funds is $\$ 16$ million and the liability for securities lending collateral is $\$ 16$ million.
    (10) In 2012 the contractual net value of the investment of securities lending collateral invested in primarily short-term bond funds is $\$ 44$ million and the liability for securities lending collateral is $\$ 44$ million.

[^9]:    (1) Represents valuations which could incorporate internally-derived and market inputs. See below for additional information related to internallydeveloped valuation for significant items in the above table.
    (2) Represents unadjusted prices from independent pricing services and independent non-binding broker quotes where pricing inputs are not readily available.
    (3) Includes assets classified as fixed maturities available-for-sale, trading account assets supporting insurance liabilities and other trading account assets.

[^10]:    (1) Conversely, the impact of a decrease in input would have the opposite impact for the fair value as that presented in the table
    (2) EBITDA multiples represent multiples of earnings before interest, taxes, depreciation and amortization, and are amounts used when the reporting entity has determined that market participants would use such multiples when pricing the investments.
    (3) In isolation, an increase in prepayment rate or a decrease in default rate or loss severity would generally result in an increase in fair value, although the interrelationships between these inputs depend on specific market conditions.
    (4) Future policy benefits primarily represent general account liabilities for the optional living benefit features of the Company's variable annuity contracts which are accounted for as embedded derivatives. Since the valuation methodology for these liabilities uses a range of inputs that vary at the contract level over the cash flow projection period, presenting a range, rather than weighted average, is a more meaningful representation of the unobservable inputs used in the valuation.

[^11]:    (1) Other primarily represents reclassifications of certain assets between reporting categories.
    (2) Transfers into or out of Level 3 are generally reported as the value as of the beginning of the quarter in which the transfer occurs.
    (3) Unrealized gains or losses related to assets still held at the end of the period do not include amortization or accretion of premiums and discounts.
    (4) Separate account assets represent segregated funds that are invested for certain customers. Investment risks associated with market value changes are borne by the customers, except to the extent of minimum guarantees made by the Company with respect to certain accounts. Separate account liabilities are not included in the above table as they are reported at contract value and not fair value in the Company's Consolidated Statement of Financial Position.
    (5) Issuances primarily relate to notes of consolidated VIEs.

[^12]:    (1) Quarterly earnings per share amounts may not add to the full year amounts due to the averaging of shares.

