

We built Bank of America to meet the full range of financial needs for people, businesses and institutional investors; to attract the best employees to serve our customers and clients; to support the communities where we do business; and to create long-term value for our shareholders.

Today's Bank of America is a financial services leader serving customers and clients worldwide. We help them to see and act on opportunities to achieve their goals by delivering value, convenience, expertise and innovation.

Opportunity Seized: $\longrightarrow$ Bank of America has the best franchise in the industry with number one or two positions in the business segments in which we compete and the largest customer and client base in our industry.

## Dear Shareholders,

Our work in 2010 was focused on two key goals: first, rebalancing and realigning our company so we can serve our customers and clients with the broadest and best financial services in the industry; and second, strengthening our balance sheet and capital position to create the right conditions for growth in long-term shareholder value.

This work is well underway, and we are making significant progress. As a result, we are a much stronger company today than we were a year ago. We have a vision for our company, a strategy to achieve that vision and well-defined operating principles to help guide our work as we pursue our goals. These are important to understanding how we intend to operate the company, serve customers and clients, and return value to shareholders.

## Our Vision and Strategy

Our vision is for Bank of America to be the world's finest financial services company. We think that this is an appropriate and achievable goal. I firmly believe that we have all the businesses and capabilities in place to meet the core financial needs of customers and clients more effectively than any other company.

Our success in realizing this vision will be measured by our customers, by our own employees and by you, the shareholder. We'll know we are succeeding when our customers choose to bring us more of their business, and make us their primary financial institution; when employees choose to build their careers here, because they can achieve anything they set out to do; and when shareholders realize the long-term value this franchise can deliver. That means solid returns on equity and assets, steady growth in tangible book value per share, attractive total shareholder returns, and consistent performance through economic cycles.
$\rightarrow$ By attracting new customers and more business from existing customers, our deposit balances continue to grow, topping $\$ 1$ trillion at the end of 2010.
$\rightarrow$ Customers have many valuable choices for how to bank with us - a great base for building any relationship.


Brian T. Moynihan, Chief Executive Officer

## Bank of America Operating Principles

- We are customer-driven
- We are building and will maintain a fortress balance sheet
- We are pursuing operational excellence in both efficiency and risk management
- We will deliver on our shareholder return model
- We will continue to clean up our legacy issues
- We will be the best place for people to work

To pursue our vision, we have laid out a clear strategy.
We emerged from the economic downturn as a global financial services company with leading positions in all our major businesses. We serve one in two households in the U.S. and operate in more than 40 countries, with nearly 300,000 employees around the world. Despite our global scale and reach, our strategy is relatively straightforward.

We serve three customer groups: people, businesses of all sizes, and institutional investors. For each of these groups, we provide core financial services.

We serve people with a range of financial services, from secured and unsecured lending, to deposit, checking and savings accounts. We serve parents who want to help their children open their first savings accounts, young people graduating from school and setting up checking and retirement accounts, and the wealthiest families in the world with complex multigenerational wealth management needs.

We help companies of all sizes grow by helping them transact, manage their cash, access the debt and equity markets, and manage the risk of currency and interest rate fluctuations. We provide strategic advice for transactions such as public offerings, and mergers and acquisitions.

Our institutional investor clients rely on our research to identify opportunities to invest wisely and confidently. We help them execute their transactions and connect them with the global financial markets through our sales and trading technology.

No other financial services company has assembled this breadth of capabilities for all of the customer groups we serve. And, our capabilities are at or near the top of the industry in every core financial product and service we offer.

We provide the full range of these financial services for all three customer groups in the United States. Outside the U.S., we deliver corporate and investment banking, global markets and wealth management services to business clients, institutional investors and wealthy individuals. Our Card Services business also serves customers in Canada, Ireland, the U.K. and Spain.

We run the franchise for every customer in full, delivering all of the services they may have traditionally sought separately from a retail bank, a commercial bank, an investment bank,
$\longrightarrow$ Synergies provide big opportunities. In the past year, our wealth managers referred thousands of clients to our commercial and global bankers - and vice versa.
$\rightarrow$ With the launch of Merrill Edge, we can help turn millions of bank customers into early wealth management clients.
a wealth management firm, a brokerage or a private bank. We serve them on an integrated, customer-focused basis.

That's our strategy. Deliver leading core financial products and services to these three groups of customers. Do that repeatedly, leave nothing to chance, develop broad, deep, longterm, profitable relationships, and deliver long-term value to you.

## Operating Principles to Move Us Forward

So, we have a vision and a strategy. To execute our strategy we have outlined six operating principles that will help guide our activities and focus our resources.

Be a customer-driven company What does it mean to be a "customer-driven company"? It simply means this: We are making business decisions by listening to our customers and responding to their needs and preferences.

Retail customers have told us that they want, and will pay for, value they can see and understand. They value clarity, choice and a healthy sense of security and control in their banking services.

We have taken a number of important steps to help customers take control. We eliminated overdraft fees for debit cards at the point of sale. We created Clarity Commitment ${ }^{\circledR}$ statements that spell out in plain English key benefits and obligations of certain products. We offer deposit-image ATMs, and online and mobile banking technologies to provide customers with more detailed and timely information. Our new Merrill Edge ${ }^{\circledR}$ account enables customers to manage their banking and investing activities through an integrated platform. And we have developed employee incentive, reward and recognition programs that align with our customer experience goals.

These are important steps as we build a consumer business driven by profitable relationships. Some of these actions have cost us revenue in the short term. But we also are working to mitigate revenue losses, whether due to our own decisions or regulatory and legislative changes. And, we are seeing immediate improvements in customer satisfaction, problem resolution and willingness to broaden and deepen relationships.

In serving businesses - from our millions of small business customers to our largest corporate clients - the idea is the same: We believe we can create more value by pursuing broad, deep and long-lasting relationships. One very promising area involves our work to integrate the way we deliver wealth management products and services with the work we do for commercial, corporate and investment banking clients. Many of our business clients need employee benefits management, for example, or access to global capital markets and wealth management solutions.

These efforts are paying off. Clients consistently tell me how much more they know we can do for them than our competitors. As a result, they are giving us more opportunities, and we are seeing a steady increase in successful customer referrals across our major lines of business.

In focusing on expanding relationships, we exited several businesses that were not driven by the core financial needs of our customers and clients. Overall, we divested assets valued at more than $\$ 20$ billion, strengthening our capital and liquidity position and allowing us to sharpen our focus on serving customers.

Total Net Revenue
In millions, full-year ended, FTE basis


Total Shareholders'

## Equity

In millions, at year end


Tier 1 Common Equity Ratio At year end

$\rightarrow$ In 2010, approximately 281,000 loan and deposit products were sold to customers who had an investment relationship with Merrill Lynch.
$\rightarrow$ Bank of America provided $\$ 92$ billion in credit to small- and medium-sized businesses in 2010, exceeding our previously announced goal by more than 6 percent.

## Total Assets

in millions, at year end

Total Deposits
In millions, at year end


Total Loans and Leases In millions, at year end

$08 \quad 09 \quad 10$

Assets Under Management
In millions, at year end

$08 \quad 09$
10

Build a fortress balance sheet Maintaining a fortress balance sheet through economic cycles entails strong liquidity and credit reserve positions, good asset quality, sufficient capital and a diverse mix of core businesses. We have been improving in all these areas. Although we held assets relatively flat last year, we significantly reduced risk-weighted assets while also taking down long-term debt, growing deposits and strengthening global excess liquidity to more than $\$ 336$ billion. Most important, we improved tangible common equity by more than 10 percent to more than $\$ 130$ billion, and also significantly improved our loan loss coverage ratios.

A key goal is to strengthen our capital base to meet new regulatory requirements without having to issue additional shares through the next economic cycle. Basel III rules as currently proposed will require a common equity Tier 1 ratio of at least 7 percent by 2019, a threshold we are confident we will exceed.

Pursue operational excellence and manage risk well An important element in our strategy is achieving operational excellence throughout the organization. This is where the opportunity to build deeper relationships begins. Getting it right for customers every time is how we build customer loyalty. With merger transition work largely completed, we now are free to focus resources on driving operational excellence for our customers by upgrading technology, increasing training and improving effectiveness and efficiency in all the company's core functions.

Operational excellence in risk management is especially important, as we continue to build on our work to institute new, rigorous risk management controls and procedures throughout the organization. In combination with the improving economy, this work is contributing to our improving credit quality results.

Deliver on our shareholder return model Our shareholder return model is not complicated but it requires consistent and disciplined execution. It begins with the fortress balance sheet. The next steps are achieving reasonable and sustainable revenue growth from our core consumer businesses in the U.S.; faster growth in our corporate and investment banking and wealth management businesses in the U.S. and internationally; and tight expense control.

We believe that consistently executing these steps will lead to less volatile earnings per share growth and steady capital generation. The end result, we believe, will be attractive growth in tangible book value per share and support for a higher multiple for the stock.

We also believe that the implementation of this model will enable us to put in place a prudent capital management strategy in the near future that, pending regulatory approvals, includes a higher dividend and stock repurchases.

Clean up legacy issues related to the economic downturn, primarily in the mortgage business The recession took a great toll on millions of families. While growth has returned, we continue to work through issues related to the downturn - primarily delinquent mortgages.

We are making progress. Bank of America (including Countrywide prior to the acquisition) has completed nearly 775,000 mortgage modifications since January of 2008 to help customers remain in their homes.

We reached agreements at the end of last year with Freddie Mac and Fannie Mae to resolve many of their repurchase claims on mortgages originated by Countrywide before we acquired
$\rightarrow$ In 2010, Bank of America Merrill Lynch achieved the No. 1 position in the United States for investment banking revenues and maintained its No. 2 global ranking (source: Dealogic).
$\leftrightarrow$ Bank of America Merrill Lynch participated in eight of the top 10 investment banking deals of the year by fees.
that company. We continue to work toward an appropriate resolution of repurchase claims held by private investors and monoline insurers.

It is important to the economic recovery that the housing market stabilizes. That will require moving through the modification and foreclosure process quickly but carefully. We took an important step in this direction in creating a new Legacy Asset Servicing group, which includes responsibility for residential mortgage repurchase claims and management of default servicing. This change will clear the way for leaders in our Home Loans business to focus on building the leading mortgage origination business in the country.

In addition to mitigating mortgage issues, we also reduced certain capital markets risk exposures that were originated prior to the downturn to $\$ 23$ billion in 2010.

Be the best place for people to work We want to be the best place for our teammates to achieve their professional goals, while helping build the world's finest financial services company for our customers and shareholders.

To meet this goal, we are aligning our training, reward and recognition programs to our customer strategy. We made changes to our benefits programs to make health care coverage more affordable for most of our employees; and, we continued to strengthen our leading diversity and inclusion programs to ensure that every member of our team can achieve his or her potential. We also conducted a company-wide employee survey ( 95 percent of our employees participated) that led to valuable feedback about what we can do to build an even more engaging workplace.

## Focused on the Future

Our 2010 results show that, while we have made progress in strengthening the balance sheet and focusing our capital to support core capabilities for customers, the overhang of issues related to recent acquisitions and regulatory changes remained significant. Excluding two non-cash, non-tax deductible goodwill impairment charges, we earned $\$ 10.2$ billion for the full year. Including these charges, we posted a net loss of $\$ 2.2$ billion.

Even so, the underlying results show the strength and promise of the company. Credit costs fell, resulting in a reduction of provision expense to $\$ 28.4$ billion from $\$ 48.6$ billion in 2009. Deposit balances reached a record $\$ 1$ trillion at the end of the year, showing that customers continue to see our company as a trusted and stable partner. And referrals among our businesses are increasing, demonstrating the power of our relationship-based, customer-centered strategy.

As I wrote above, our company is much stronger today than it was a year ago, as we made tough decisions in 2010 aimed at putting issues related to the recession behind us. We have the number one or number two market position in almost every business in which we choose to compete. We serve millions of consumers, businesses and institutional investors, each of which provides an opportunity for us to expand our relationship with them. We are leaving nothing to chance in our efforts to pursue these opportunities.

For your additional information, we have posted presentations from a recent all-day investor conference in New York at which members of our management team and I discussed in detail the items I've outlined here. I encourage you to view the presentations in the investor section of our public website at http://investor.bankofamerica.com.

Investment Banking Income
In millions, full-year ended


Sales and Trading

## Revenue*

In millions, full-year ended

*Fully taxable-equivalent basis

Tangible Common Equity Ratio At year end

$\rightarrow$ We're working to keep families in their homes. Since the start of 2008, Bank of America and previously Countrywide have completed nearly 775,000 loan modifications with customers.
$\longrightarrow$ In 2010, Bank of America extended nearly $\$ 685$ billion in credit to businesses around the world, helping fuel the economic recovery.

## Executive Management Team

## Brian Moynihan

Chief Executive Officer

## Catherine Bessant

Global Technology and Operations
Executive

## David Darnell

President, Global Commercial Banking

## Barbara Desoer

President, Bank of America Home Loans and Insurance

## Anne Finucane

Global Strategy and Marketing Officer

## Sallie Krawcheck

President, Global Wealth and Investment Management

## Terrence Laughlin

Legacy Asset Servicing Executive

## Thomas Montag

President, Global Banking and Markets

## Charles Noski

Executive Vice President and
Chief Financial Officer

## Edward O'Keefe

General Counsel

## Joe Price

President, Consumer and
Small Business Banking

## Andrea Smith

Global Head of Human Resources

## Bruce Thompson

Chief Risk Officer

As we build on the foundation we have laid, I want to thank our employees for their tremendous focus and effort over the past year; our customers and clients for giving us the opportunity to serve their needs; and our shareholders for your continued faith in the bright future of our company.

We are guided by our vision, have a strategy to pursue it, and operating principles to keep us focused and to guide our growth. I welcome your feedback as we proceed.


## Brian T. Moynihan

Chief Executive Officer March 15, 2011

## To Our Shareholders,



2010 was a rebuilding year for our company. Brian Moynihan and our management team accomplished a great deal, from implementing a new customerfocused business strategy, to strengthening our capital position, to working through issues related to the economic downturn.

The board worked closely with Brian and the team on a range of issues, including the implementation of the company's new risk management process and management's thoughtful and aggressive plans to put matters resulting from the mortgage crisis behind us. Together, we also focused on ensuring productive interactions with regulators and elected officials.

I would like to note the retirement from our board of my predecessor as chairman, Walter Massey. Walter retired last spring after 17 years on the board, and one year as chairman. He guided the board with a steady hand during a challenging period for the company. Walter has our best wishes for the future, and my personal apprecation for the skill with which he discharged his responsibilities.

With leading positions in the major markets in which we compete, I see boundless opportunities for Bank of America to grow and prosper. I believe we are on the right path, and that we have a CEO and management team with a vision and strategy that is appropriate and achievable.


## Charles O. Holliday

Chairman of the Board of Directors March 15, 2011

## Opportunities are everywhere.

At Bank of America, our strength comes from the relationships we have - and building on them to create opportunities for our customers at every point in their financial lives. We are confident that no competitor can match our ability to deliver our suite of products, services and solutions. For our company and our shareholders, focusing on what our customers need and building our teams and capabilities around them - is the key to long-term growth. The promise is compelling, and the results are real.

# At Bank of America, we're leading the industry toward a better way of banking and wealth management. To help our customers and clients meet their financial goals, we're responding to their needs and building deeper relationships. We do this by offering clear and straightforward banking that provides greater choice and control, services and products they value, personalized advice, a quality service experience, unmatched accessibility, and world-class technology that is reliable and secure. 


#### Abstract

Today, we serve one out of every two U.S. households. We're doing more than ever to listen to our customers and clients to understand their needs and enable them to do business with us wherever, whenever and however they choose.

It all starts with being the best at what we do. We offer an industry-leading range of banking products, including debit cards, checking account and savings account options, access to simple and affordable unsecured debt and credit card financing, and a full range of responsible home financing options. Our solutions include products and services for customers wherever they are in their financial life cycle. From customers just beginning a banking relationship to those with more sophisticated banking needs, we can bring the full capability of Bank of America to their doorstep. Our customers benefit from access to the largest ATM network in the country, including more deposit-image ATMs than any other bank, and more than 5,800 banking centers with friendly, knowledgeable employees who are active in their communities. We've created many of the most advanced features in banking, including our award-winning online and mobile banking capabilities, and top-ranking online security and account fraud protection guarantees.

At Bank of America, our goal is to deliver the right solutions as customers need them, provide quality service at a fair price, and reward customers with increasing value as they expand their relationships with us.




Right Start College senior Patrick Brescia (above) is balancing a major in communications, volunteering with the campus police department, and a new internship. He wants a bank that works as hard as he does and helps make meeting his financial goals easy, including staying on budget and building a strong credit history. He relies on tools from Bank of America, including Keep the Change ${ }^{\circledR}$, online bill pay and mobile banking to manage his accounts with confidence and help him save for his future. Technology and convenience are also important for busy mom Jenn Wylie (above), who has her hands full with a growing home business and three kids growing just as fast. One of her favorite timesaving tips - Bank of America's award-winning online banking website. Jenn chooses to bank from home, and loves the convenience of accessing her accounts online to check balances, pay bills and transfer funds whenever she wants. With $24 / 7$ account access, and debits and deposits that show up immediately, Jenn feels in control of her family's finances with time to spare.
$\rightarrow$ Cash ManagementCollege Savings
$\rightarrow$ Investment Management \& Advice

Estate Planning \& Philanthropy

For individuals with more complex wealth management needs, we believe there are no better partners than Merrill Lynch and U.S. Trust. That's because our client relationships are built one at a time - and each begins with listening. We separate ourselves from our competitors through the quality of our relationships, the skills and advice of our people, and the strength of our wealth management capabilities and solutions. We define our success by enabling our clients to realize their personal aspirations. Our products, services and advice are designed to provide a path to their wealth management goals. Whether it's investing in the post-recession market, managing risk within a portfolio, transferring wealth to the next generation, or planning an exciting life after retirement, our advisors are well-positioned to deliver the widest range of capabilities to clients.

Our wealth management services include banking, investing, retirement, philanthropy and trusts, and international offerings - with access to a number of global equity exchanges - backed by award-winning research, innovative thought leadership and a comprehensive, solutionsbased investment platform. We draw upon the strengths of our 20,000-plus client-facing professionals at Merrill Lynch and U.S. Trust to serve the needs of our clients and their families - from recent college graduates learning about the importance of saving, to clients reaching their peak earning years, to ultra high net worth families with complex private banking needs. We provide our services in the way they want to receive them. For example, our newest offering, Merrill Edge, is suited for self-directed investors or individuals who want team-based financial guidance - including the vast number of our traditional banking customers. And when wealth management needs become more complex, our Merrill Lynch and U.S. Trust advisors are among the best in the business - ready to offer their advice and expertise.


Long View When he needed help developing a wealth strategy after the sale of his business, David Bessey (above) looked to his Merrill Lynch Financial Advisor for guidance. Understanding that David had complex wealth preservation and estate planning needs, the Financial Advisor tapped U.S. Trust's considerable resources and expertise. Together, the Financial Advisor and U.S. Trust Private Client Advisor worked with David to create a strategy to help secure his family's future. The Merrill Lynch-U.S. Trust partnership, supported by a dedicated portfolio manager, wealth strategist and trust officer, is key to helping David move closer to his wealth management goals.

> From business checking and business loans, to employee retirement planning, to access to capital markets worldwide, there's nothing growing companies can't find through Bank of America. This gives us a significant opportunity to deepen relationships among the hundreds of thousands of companies we already serve, including small businesses, mid-sized companies, and some of the largest multinational corporations in the world.

Even small businesses want big ideas, and no one can deliver like Bank of America. We serve nearly four million small-business customers -12 percent of U.S. small businesses - more than any other bank. By supporting the unique needs of small businesses, the backbone of the U.S. economy, we're helping fuel economic stability and job growth across our communities. Our commitment to small- and medium-sized businesses is strong. In 2010, we extended $\$ 92$ billion of credit to companies with less than $\$ 50$ million in revenues. We've also pledged to increase our own spending with small- and medium-sized companies by $\$ 10$ billion over the next five years, because many small businesses told us their biggest challenge is not access to credit, but lack of demand for their products and services. And we've funded grants and launched partnerships with nonprofit lenders to help them deploy capital in underserved communities. In the coming years, we intend to take our commitment even further, including hiring more than 1,000 small business bankers. Based in communities across the United States, these bankers will consult with small-business owners, spend time at their offices and assess their companies' deposit, credit and cash management needs.



> When small businesses become larger and need more sophisticated products, services and advice, our commercial banking team delivers tailored solutions that meet those changing needs. A robust referral partnership between our small business bankers and our commercial banking experts ensures that smaller businesses experiencing more complex credit and treasury needs can get the advice and more sophisticated solutions they require.

Our more than 7,000 commercial banking professionals serve 198,000 companies with revenues generally between $\$ 1$ million and $\$ 2$ billion.

As part of our unique client coverage model, our commercial client teams partner with product experts from across the bank to seamlessly deliver integrated solutions ranging from credit, treasury and liquidity to capital markets and investment banking, as well as wealth management and retirement services.

As we put this coverage model to work for our clients, we're finding ample opportunities to deepen our relationships with them and better serve their needs. For example, last year our commercial banking team received more than 6,400 referrals from our wealth management advisors, and in turn they referred more than 5,100 opportunities with commercial clients to our wealth management experts. Our commercial bankers have an equally robust partnership with professionals in our Global Banking \& Markets organization, which enables our commercial clients to take advantage of our expertise in investment banking, capital markets, municipal finance, derivatives and foreign exchange, among many other products and services. Our No. 1 goal is to deepen relationships with our clients. The best way to do that is to leverage every resource that our company has to offer.

# For large corporate clients, we're a leader in supporting growth and executing critical transactions globally. From M\&A advice, launching IPOs and raising debt and equity capital, to providing comprehensive treasury solutions - we help businesses through each growth phase. But we know that truly valuable banking relationships go beyond supporting major deals. At Bank of America Merrill Lynch, we understand that it's the day-to-day, ongoing partnerships with our clients that lead to mutual success and a better future. 

Clients value our commitment to building long-standing relationships focused on understanding their strategic needs and creating opportunities and solutions. We deepen our client relationships by delivering a full suite of solutions when and how they need them, in more than 150 countries. As a result, our clients view us as more than their "big deal banker" - we're also their "everyday banker."

At Bank of America Merrill Lynch our work knows no borders, as we are able to leverage our global footprint across products, sectors and geographies to help large corporations succeed wherever they do business, in ways that few of our competitors can.

Our Global Capital Markets and Global Corporate \& Investment Banking professionals work in close coordination to advise on, structure and underwrite capital-raising transactions in the equity and debt capital markets on behalf of issuer clients globally. In 2010, we helped thousands of companies raise more than $\$ 684$ billion of capital around the world, enabling them to grow their businesses and achieve their goals.

Increasingly, we're helping companies in places like Brazil, Russia, India and China - emerging markets that are transforming into growth markets. We share our clients' vision in that these areas represent some of the greatest opportunities now and in years to come. As more of our clients expand their international presence, we're right there with them, utilizing a measured, strategic approach to ensuring we have the right infrastructure and systems in place to help them navigate often complex market conditions. Our commitment is for the long term - whether it's in Indianapolis or Istanbul, we'll be there to meet all of our clients' needs.


Big Deal To support the continued global expansion of the Volkswagen Group, Chief Financial Officer Hans Dieter Pötsch (above) worked with the capital markets experts at Bank of America Merrill Lynch. With the team's knowledge and guidance, the world's No. 3 car-maker raised $€ 4.1$ billion in one of the industry's biggest capital increases ever. The transaction enhanced Volkswagen's balance sheet and secured funding for the planned creation of an integrated automotive group with Porsche - two key initiatives to becoming the most successful automotive company globally by 2018. Despite the challenging economy, Volkswagen has continued to invest in growth - including the creation of 2,000 direct and about 10,000 indirect jobs in the U.S. via a new plant in Chattanooga, Tennessee to support its expansion in the region. The Volkswagen Group has emerged from the global economic downturn stronger than ever before: in 2010, it delivered 7.2 million vehicles to its customers, a new company record.


Street Smart MFS Investment Management® invented the open-end mutual fund in 1924. Today, MFS is a global investment firm managing more than $\$ 224$ billion across all major asset classes, and serving millions of individuals and hundreds of institutions in more than 70 countries. One thing that has not changed in MFS' 86 -year history is its emphasis on rigorous research. Chief Investment Officer Michael Roberge (above) relies on BofA Merrill Lynch Global Research to play a part in providing MFS with insightful, objective and decisive research, helping him and other investment professionals at MFS package their best ideas into client portfolios. As MFS continues to grow its global platform, Bank of America Merrill Lynch stands ready as a steadfast partner to provide it with innovative liquidity solutions and advisory services.

# For the world's leading institutions and asset managers, the overriding goal is performance and few partners are as able to help them as Bank of America Merrill Lynch. We've created one of the world's best research and strategic advisory platforms as well as one of the premier sales and trading organizations, bringing global intelligence, insight and ideas to our clients. We believe this makes us a vital partner for institutional investors, for whom driving returns and managing risk are more challenging than ever. 


#### Abstract

Whether a pension plan is looking to help fund future benefits; a mutual fund manager is seeking to outperform a benchmark and deliver solid returns for investors; or a hedge fund wants the most efficient financing and services - our institutional clients turn to us for guidance in navigating today's complex and rapidly changing global markets.

BofA Merrill Lynch Global Research has more than 800 research analysts who cover more than 4,000 securities working alongside our global network of sales and trading professionals to identify opportunities and provide the perspective to turn those insights into trade ideas. The depth and breadth of our platform mean we can offer clients thousands of products across the globe to invest in, ranging from equities, fixed income and securitized assets to commodities and currencies, helping individual investors and institutions of all kinds meet their investment and risk management objectives.

Building on our strong global platform, we will continue to focus on deepening our relationships with clients and leveraging our position as a global thought leader to provide customized, innovative solutions across products, sectors and geographies. Continuing to expand our businesses outside the United States represents one of our greatest opportunities, and we are taking a strategic and measured approach to our international development. Importantly, we continue to attract some of the best talent in the industry, and are well-positioned to meet the needs of our clients anywhere in the world.




Community Strong As part of our ongoing efforts to stimulate economic strength in communities, we recognize nonprofit organizations and individuals through our signature philanthropic program, the Neighborhood Excellence Initiative ${ }^{\circledR}$ (NEI), which operates in 44 U.S. communities and London. Since 2004, Bank of America has invested $\$ 130$ million in communities through the Neighborhood Excellence Initiative, recognizing nearly 600 nonprofit organizations and nearly 3,000 community leaders and high school students. Just some of the examples of how NEI helps set opportunity in motion in local communities include the service and leadership of a Los Angeles local hero who advocates for academic and cultural enrichment opportunities for at-risk children, a New York nonprofit that provides access to fresh food while supporting local produce providers, and a Boston high school senior who leads homework assistance efforts for underserved youth. Tony Brown, Just Food, and Sandy Liang, represented above, were all selected as 2010 awardees based on their outstanding community contributions.


# We're working hard to strengthen the communities we serve - supporting individuals, families and businesses during challenging economic times. We're advancing growth and development through innovative partnerships and initiatives, and helping set opportunity in motion by acting as a catalyst for economic and social success. 


#### Abstract

At Bank of America, we know that our growth depends on the economic vitality of communities worldwide. That's why we've made corporate social responsibility a fundamental way we do business. From providing clear and transparent products and services that meet the needs of our customers to investing in our communities through innovative grants and programs, we are strengthening the neighborhoods we serve through a unique combination of assets. We help generate economic and social opportunities through responsible business practices, community-development lending and investing, philanthropy, diversity and inclusion, volunteerism, support of arts and culture and environmental initiatives.

Through $\$ 200$ million in charitable giving in 2010, part of our 10-year, $\$ 2$ billion philanthropic goal, we continued to address the most pressing challenges facing our communities during difficult economic times, including immediate needs such as hunger relief, as well as longer-term issues including education and workforce development to help individuals and families move ahead. We also contributed an additional $\$ 1.6$ billion toward our 10-year, $\$ 20$ billion environmental business initiative (more than $\$ 11$ billion since 2007), to address global climate change. We know our involvement in the community is important to our customers, clients, shareholders and teammates. Please visit bankofamerica.com/opportunity for more detail on our commitment.


## Bank of America Corporation - Financial Highlights

Bank of America Corporation (NYSE: BAC) is headquartered in Charlotte, N.C. As of December 31, 2010, we operated in all 50 states, the District of Columbia and more than 40 countries. Through our banking and various nonbanking subsidiaries throughout the United States and in selected international markets, we provide a diversified range of banking and nonbanking financial services and products through six business segments: Deposits, Global Card Services, Home Loans \& Insurance, Global Commercial Banking, Global Banking \& Markets and Global Wealth \& Investment Management. Bank of America is a member of the Dow Jones Industrial Average.

Financial Highlights (in millions, except per share information)

| For the year | 2010 |  | 2009 |  |
| :---: | :---: | :---: | :---: | :---: |
| Revenue net of interest expense ${ }^{1}$ | \$ | 111,390 | \$ | 120,944 |
| Net income (loss) |  | $(2,238)$ |  | 6,276 |
| Net income excluding goodwill impairment charges ${ }^{2}$ |  | 10,162 |  | n/a |
| Earnings (loss) per common share |  | (0.37) |  | (0.29) |
| Diluted earnings (loss) per common share |  | (0.37) |  | (0.29) |
| Diluted earnings (loss) per common share excluding goodwill impairment charges ${ }^{2}$ |  | 0.86 |  | n/a |
| Dividends paid per common share |  | 0.04 |  | 0.04 |
| Return on average assets |  | $\mathrm{n} / \mathrm{m}$ |  | 0.26\% |
| Return on average tangible shareholders' equity |  | n/m |  | 4.18 |
| Efficiency ratio ${ }^{1}$ |  | 74.61 |  | 55.16 |
| Average diluted common shares issued and outstanding |  | 9,790 |  | 7,729 |
| At year end |  | 2010 |  | 2009 |
| Total loans and leases | \$ | 940,440 | \$ | 900,128 |
| Total assets |  | 2,264,909 |  | 2,230,232 |
| Total deposits |  | 1,010,430 |  | 991,611 |
| Total shareholders' equity |  | 228,248 |  | 231,444 |
| Book value per common share |  | 20.99 |  | 21.48 |
| Tangible book value per common share ${ }^{2}$ |  | 12.98 |  | 11.94 |
| Market price per common share |  | 13.34 |  | 15.06 |
| Common shares issued and outstanding |  | 10,085 |  | 8,650 |
| Tier 1 common equity ratio |  | 8.60\% |  | 7.81\% |
| Tangible common equity ratio ${ }^{2}$ |  | 5.99\% |  | 5.56\% |

1 Fully taxable equivalent (FTE) bas
${ }^{2}$ Measures reported above using FTE basis, excluding goodwill impairment charges, tangible book value per common share and tangible equity are non-GAAP measures. Other companies may define or calculate these measures differently. For additional information on the goodwill impairment charges, refer to Note 10 - Goodwill and Intangible Assets and for reconciliations to GAAP measures, refer to Table XIII in the 2010 Financial Review section.
$\mathrm{n} / \mathrm{a}=$ not applicable
$\mathrm{n} / \mathrm{m}=$ not meaningful

## Total Cumulative Shareholder Return ${ }^{3}$


${ }^{3}$ This graph compares the yearly change in the Corporation's total cumulative shareholder return on its common stock with (i) the Standard \& Poor's 500 Index and (ii) the KBW Bank Index for the years ended December 31, 2006 through 2010. The graph assumes an initial investment of $\$ 100$ at the end of 2005 and the reinvestment of all dividends during the years indicated.

2010 Total Net Revenue Per Line of Business ${ }^{\mathbf{1}}$ (dollars in billions)


2010 Net Income (Loss) Per Line of Business (dollars in billions)


Revenue Contribution by Client View

- Deposits

Global Card Services
Home Loans and Insurance
Revenue: \$49.4 Billion

- Companies and Institutional Investors

Revenue: \$39.4 Billion

- All Other ${ }^{2}$

Revenue: $\$ 5.9$ Billion

- Global Wealth \& Investment Management Revenue: $\$ 16.7$ Billion

Consumers

Total Revenue ${ }^{\mathbf{1}}$ : $\mathbf{\$ 1 1 1 . 4}$ Billion

## Our customers provide the foundation for opportunity:

## Consumers

- 57 Million Consumer and Small Business Relationships
- 5,856 Retail Branches
- 19,700 Wealth Advisors
- \$2.2 Trillion in Client Balances
- \$643 Billion in Loans
- $\$ 699$ Billion in Deposits


## Companies

- 158,000 Business Banking Clients
- 40,000 Middle Market Clients
- 10,000 Corporate Clients
- \$297 Billion in Funded Loans and Leases
- \$311 Billion in Deposits


## Institutional Investors

- 12,000 Institutional Clients
- 3,200 Companies Researched in 60 Countries
- Primary Dealer in 15 Countries
- \$414 Billion in Trading-Related Assets

1 FTE basis
2 All Other consists primarily of equity investments, the residential mortgage portfolio associated with asset and liability management (ALM) activities, the residual impact of the cost allocation process, allowance for credit losses and the cost allocation processes, Merger and Restructuring Charges, intersegment eliminations, fair value adjustments related to structured liabilities and the results of certain consumer finance, investment management and commercial lending businesses that are being liquidated.

# Opportunities are Everywhere - Our market-leading positions, products and capabilities allow us to offer a full range of financial products and services to the entire spectrum of customers to help them meet their financial goals. 

Deposits includes a comprehensive range of products provided to consumers and small businesses, including traditional savings accounts, money market savings accounts, CDs and IRAs, and noninterest- and interestbearing checking accounts. Deposit products provide a relatively stable source of funding and liquidity. In the U.S., we serve approximately 57 million consumer and small business relationships through a franchise that stretches coast to coast through 32 states and the District of Columbia utilizing our network of more than 5,800 banking centers, 18,000 ATMs, nationwide call centers and leading online and mobile banking platforms.

Global Card Services is one of the leading issuers of credit cards in the United States and Europe. We provide a broad offering of products including U.S. consumer and business cards, consumer lending, international cards and debit cards to consumers and small businesses. We provide credit card products to customers in the U.S., Canada, Ireland, Spain and the U.K. We offer a variety of co-branded and affinity credit and debit card products and are one of the leading issuers of credit cards through endorsed marketing in the U.S. and Europe.

Home Loans \& Insurance provides an extensive line of consumer real estate products and services including fixed and adjustable rate first-lien mortgage loans for home purchase and refinancing needs, home equity lines of credit and home equity loans to customers nationwide. Home Loans \& Insurance products are available to our customers through our banking centers, mortgage loan officers in 750 locations and a sales force offering our customers direct telephone and online access to our products. These products are also offered through our correspondent loan acquisition channel.

Global Commercial Banking provides a wide range of lending-related products and services, integrated working capital management and treasury solutions to clients through our network of offices and client relationship teams along with various product partners. Our clients include business banking and middle-market companies, commercial real estate firms and governments. Our lending products and services include commercial loans and commitment facilities, real estate lending, asset-based lending and indirect consumer loans. Our capital management and treasury solutions include treasury management, foreign exchange and short-term investing options.

Global Banking \& Markets (GBAM) provides financial products, advisory services, financing, securities clearing, settlement and custody services globally to our institutional investor clients in support of their investing and trading activities. We also work with our commercial and corporate clients to provide debt and equity underwriting and distribution capabilities, merger-related and other advisory services, and risk management products using interest rate, equity, credit, currency and commodity derivatives, foreign exchange, fixed-income and mortgage-related products. GBAM is a leader in the global distribution of fixed income, currency and energy commodity products and derivatives, has one of the largest equity trading operations in the world and is a leader in the origination and distribution of equity and equity-related products. Our corporate banking services provide a wide range of lending-related products and services, integrated working capital management and treasury solutions to clients.

Global Wealth \& Investment Management (GWIM) provides comprehensive wealth management capabilities to a broad base of clients from the emerging affluent to the ultra high net worth. These services include investment and brokerage services, estate and financial planning, fiduciary portfolio management, cash and liability management and specialty asset management. GWIM also provides retirement and benefit plan services, philanthropic management, asset management and lending and banking to individuals and institutions. Our primary wealth and investment management businesses are Merrill Lynch Global Wealth Management, U.S. Trust, Bank of America Private Wealth Management and Retirement Services.

# Bank of America 2010 Financial Review 

## Bank of America

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Throughout the MD\&A, we use certain acronyms and abbreviations which are defined in the Glossary.

# Management's Discussion and Analysis of Financial Condition and Results of Operations 

This report, the documents that it incorporates by reference and the documents into which it may be incorporated by reference may contain, and from time to time Bank of America Corporation (collectively with its subsidiaries, the Corporation) and its management may make, certain statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements can be identified by the fact that they do not relate strictly to historical or current facts. Forwardlooking statements often use words such as "expects," "anticipates," "believes," "estimates," "targets," "intends," "plans," "goal" and other similar expressions or future or conditional verbs such as "will," "may," "might," "should," "would" and "could." The forward-looking statements made represent the current expectations, plans or forecasts of the Corporation regarding the Corporation's future results and revenues, and future business and economic conditions more generally, including statements concerning: the adequacy of the liability for the remaining representations and warranties exposure to the government-sponsored enterprises (GSEs) and the future impact to earnings; the potential assertion and impact of additional claims not addressed by the GSE agreements; the expected repurchase claims on the 2004-2008 loan vintages; representations and warranties liabilities (also commonly referred to as reserves), and range of possible loss estimates, expenses and repurchase claims and resolution of those claims; the proposal to modestly increase dividends in the second half of 2011; the charge to income tax expense resulting from a reduction in the United Kingdom (U.K.) corporate income tax rate; future payment protection insurance claims in the U.K.; future risk-weighted assets and any mitigation efforts to reduce riskweighted assets; net interest income; credit trends and conditions, including credit losses, credit reserves, charge-offs, delinquency trends and nonperforming asset levels; consumer and commercial service charges, including the impact of changes in the Corporation's overdraft policy as well as from the Electronic Fund Transfer Act and the Corporation's ability to mitigate a decline in revenues; liquidity; capital levels determined by or established in accordance with accounting principles generally accepted in the United States of America (GAAP) and with the requirements of various regulatory agencies, including our ability to comply with any Basel capital requirements endorsed by U.S. regulators without raising additional capital; the revenue impact of the Credit Card Accountability Responsibility and Disclosure Act of 2009 (the CARD Act); the revenue impact resulting from, and any mitigation actions taken in response to, the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Financial Reform Act) including the impact of the Volcker Rule and derivatives regulations; mortgage production levels; long-term debt levels; run-off of loan portfolios; the impact of various legal proceedings discussed in "Litigation and Regulatory Matters" in Note 14 - Commitments and Contingencies to the Consolidated Financial Statements; the number of delayed foreclosure sales and the resulting financial impact and other similar matters; and other matters relating to the Corporation and the securities that we may offer from time to time. The foregoing is not an exclusive list of all forward-looking statements the Corporation makes. These statements are not guarantees of future results or performance and involve certain risks, uncertainties and assumptions that are difficult to predict and often are beyond the Corporation's control. Actual outcomes and results may differ materially from those expressed in, or implied by, the Corporation's forwardlooking statements.

You should not place undue reliance on any forward-looking statement and should consider the following uncertainties and risks, as well as the risks and uncertainties more fully discussed elsewhere in this report, including Item 1 A . "Risk Factors" of this Annual Report on Form 10-K, and in any of the Corporation's subsequent Securities and Exchange Commission (SEC) filings: the Corporation's resolution of certain representations and warranties
obligations with the GSEs and our ability to resolve any remaining claims; the Corporation's ability to resolve any representations and warranties obligations with monolines and private investors; failure to satisfy our obligations as servicer in the residential mortgage securitization process; the adequacy of the liability and/or range of possible loss estimates for the representations and warranties exposures to the GSEs, monolines and private-label and other investors; the potential assertion and impact of additional claims not addressed by the GSE agreements; the foreclosure review and assessment process, the effectiveness of the Corporation's response and any governmental or private third-party claims asserted in connection with these foreclosure matters; the adequacy of the reserve for future payment protection insurance claims in the U.K.; negative economic conditions generally including continued weakness in the U.S. housing market, high unemployment in the U.S., as well as economic challenges in many non-U.S. countries in which we operate and sovereign debt challenges; the Corporation's mortgage modification policies and related results; the level and volatility of the capital markets, interest rates, currency values and other market indices; changes in consumer, investor and counterparty confidence in, and the related impact on, financial markets and institutions, including the Corporation as well as its business partners; the Corporation's credit ratings and the credit ratings of its securitizations; estimates of the fair value of certain of the Corporation's assets and liabilities; legislative and regulatory actions in the U.S. (including the impact of the Financial Reform Act, the Electronic Fund Transfer Act, the CARD Act and related regulations and interpretations) and internationally; the identification and effectiveness of any initiatives to mitigate the negative impact of the Financial Reform Act; the impact of litigation and regulatory investigations, including costs, expenses, settlements and judgments as well as any collateral effects on our ability to do business and access the capital markets; various monetary, tax and fiscal policies and regulations of the U.S. and non-U.S. governments; changes in accounting standards, rules and interpretations (including new consolidation guidance), inaccurate estimates or assumptions in the application of accounting policies, including in determining reserves, applicable guidance regarding goodwill accounting and the impact on the Corporation's financial statements; increased globalization of the financial services industry and competition with other U.S. and international financial institutions; adequacy of the Corporation's risk management framework; the Corporation's ability to attract new employees and retain and motivate existing employees; technology changes instituted by the Corporation, its counterparties or competitors; mergers and acquisitions and their integration into the Corporation, including the Corporation's ability to realize the benefits and cost savings from and limit any unexpected liabilities acquired as a result of the Merrill Lynch and Countrywide acquisitions; the Corporation's reputation, including the effects of continuing intense public and regulatory scrutiny of the Corporation and the financial services industry; the effects of any unauthorized disclosures of our or our customers' private or confidential information and any negative publicity directed toward the Corporation; and decisions to downsize, sell or close units or otherwise change the business mix of the Corporation.

Forward-looking statements speak only as of the date they are made, and the Corporation undertakes no obligation to update any forward-looking statement to reflect the impact of circumstances or events that arise after the date the forward-looking statement was made.

Notes to the Consolidated Financial Statements referred to in the Management's Discussion and Analysis of Financial Condition and Results of Operations (MD\&A) are incorporated by reference into the MD\&A. Certain prior period amounts have been reclassified to conform to current period presentation.

## Executive Summary

## Business Overview

The Corporation is a Delaware corporation, a bank holding company and a financial holding company. When used in this report, "the Corporation" may refer to the Corporation individually, the Corporation and its subsidiaries, or certain of the Corporation's subsidiaries or affiliates. Our principal executive offices are located in the Bank of America Corporate Center in Charlotte, North Carolina. Through our banking and various nonbanking subsidiaries throughout the United States and in certain international markets, we provide a diversified range of banking and nonbanking financial services and products through six business segments: Deposits, Global Card Services, Home Loans \& Insurance, Global Commercial Banking, Global Banking \& Markets (GBAM) and Global Wealth \& Investment Management (GWIM), with the remaining operations recorded in All Other. Effective January 1, 2010, we realigned the Global Corporate and Investment Banking portion of the former Global Banking business segment with the former Global Markets business segment to form GBAM and to reflect Global Commercial Banking as a standalone segment. At December 31, 2010, the Corporation had $\$ 2.3$ trillion in assets and approximately 288,000 full-time equivalent employees.

On January 1, 2009, we acquired Merrill Lynch \& Co., Inc. (Merrill Lynch) and, as a result, we now have one of the largest wealth management businesses in the world with nearly 17,000 wealth advisors, an additional 3,000 clientfacing professionals and more than $\$ 2.2$ trillion in client assets. Additionally, we are a global leader in corporate and investment banking and trading across a broad range of asset classes serving corporations, governments, institutions and individuals around the world.

As of December 31, 2010, we operate in all 50 states, the District of Columbia and more than 40 non-U.S. countries. Our retail banking footprint covers approximately 80 percent of the U.S. population and in the U.S., we serve approximately 57 million consumer and small business relationships with 5,900 banking centers, 18,000 ATMs, nationwide call centers, and leading online and mobile banking platforms. We have banking centers in 13 of the 15 fastest growing states and have leadership positions in market share for deposits in seven of those states. We offer industry-leading support to approximately four million small business owners.

For information on recent and proposed legislative and regulatory initiatives that may affect our business, see Regulatory Matters beginning on page 60.

The table below provides selected consolidated financial data for 2010 and 2009.

## Table 1 Selected Financial Data

| (Dollars in millions, except per share information) | 2010 |  | 2009 |  |
| :---: | :---: | :---: | :---: | :---: |
| Income statement |  |  |  |  |
| Revenue, net of interest expense (FTE basis) ${ }^{(1)}$ |  | 111,390 |  | 120,944 |
| Net income (loss) |  | $(2,238)$ |  | 6,276 |
| Net income, excluding goodwill impairment charges ${ }^{(2)}$ |  | 10,162 |  | 6,276 |
| Diluted earnings (loss) per common share |  | (0.37) |  | (0.29) |
| Diluted earnings (loss) per common share, excluding goodwill impairment charges ${ }^{(2)}$ |  | 0.86 |  | (0.29) |
| Dividends paid per common share | \$ | 0.04 | \$ | 0.04 |
| Performance ratios |  |  |  |  |
| Return on average assets |  | $\mathrm{n} / \mathrm{m}$ |  | 0.26\% |
| Return on average assets, excluding goodwill impairment charges ${ }^{(2)}$ |  | 0.42\% |  | 0.26 |
| Return on average tangible shareholders' equity ${ }^{(1)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 4.18 |
| Return on average tangible shareholders' equity, excluding goodwill impairment charges ${ }^{(1,2)}$ |  | 7.11 |  | 4.18 |
| Efficiency ratio (FTE basis) ${ }^{(1)}$ |  | 74.61 |  | 55.16 |
| Efficiency ratio (FTE basis), excluding goodwill impairment charges ${ }^{(1,2)}$ |  | 63.48 |  | 55.16 |
| Asset quality |  |  |  |  |
| Allowance for loan and lease losses at December 31 | \$ | 41,885 | \$ | 37,200 |
| Allowance for loan and lease losses as a percentage of total loans and leases outstanding at December $31{ }^{(3)}$ |  | 4.47\% |  | 4.16\% |
| Nonperforming loans, leases and foreclosed properties at December $31{ }^{(3)}$ | \$ | 32,664 |  | 35,747 |
| Net charge-offs |  | 34,334 |  | 33,688 |
| Net charge-offs as a percentage of average loans and leases outstanding ${ }^{(3,4)}$ |  | 3.60\% |  | 3.58\% |
| Ratio of the allowance for loan and lease losses at December 31 to net charge-offs ${ }^{(3,5)}$ |  | 1.22 |  | 1.10 |
| Balance sheet at year end |  |  |  |  |
| Total loans and leases |  | 940,440 |  | 900,128 |
| Total assets |  | 2,264,909 |  | 2,230,232 |
| Total deposits |  | 1,010,430 |  | 991,611 |
| Total common shareholders' equity |  | 211,686 |  | 194,236 |
| Total shareholders' equity |  | 228,248 |  | 231,444 |
| Capital ratios at year end |  |  |  |  |
| Tier 1 common equity |  | 8.60\% |  | 7.81\% |
| Tier 1 capital |  | 11.24 |  | 10.40 |
| Total capital |  | 15.77 |  | 14.66 |
| Tier 1 leverage |  | 7.21 |  | 6.88 |

${ }^{(1)}$ Fully taxableequivalent (FTE) basis, return on average tangible shareholders' equity (ROTE) and the efficiency ratio are non-GAAP measures. Other companies may define or calculate these measures differently. For additional information on these measures and ratios, see Supplemental Financial Data beginning on page 40, and for a corresponding reconciliation to GAAP financial measures, see Table XIII.
${ }^{(2)}$ Net income (loss), diluted earnings (loss) per common share, return on average assets, ROTE and the efficiency ratio have been calculated excluding the impact of goodwill impairment charges of $\$ 12.4$ billion in 2010 and accordingly, these are non-GAAP measures. For additional information on these measures and ratios, see Supplemental Financial Data beginning on page 40, and for a corresponding reconciliation to GAAP financial measures, see Table XIII.
${ }^{(3)}$ Balances and ratios do not include loans accounted for under the fair value option. For additional exclusions on nonperforming loans, leases and foreclosed properties, see Nonperforming Consumer Loans and Foreclosed Properties Activity beginning on page 85 and corresponding Table 33, and Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity and corresponding Table 41 on page 93.
${ }^{(4)}$ Net charge-offs as a percentage of average loans and leases outstanding excluding purchased credit-impaired (PCI) loans were 3.73 percent and 3.71 percent for 2010 and 2009.
${ }^{(5)}$ Ratio of the allowance for loan and lease losses to net charge-offs excluding (PCI) loans was 1.04 percent and 1.00 percent for 2010 and 2009.
$n / m=$ not meaningful

## 2010 Economic and Business Environment

The banking environment and markets in which we conduct our businesses will continue to be strongly influenced by developments in the U.S. and global economies, as well as the continued implementation and rulemaking from recent financial reforms. The global economy continued to recover in 2010, but growth was very uneven across countries and regions. Emerging nations, led by China, India and Brazil, expanded rapidly, while the U.S., U.K., Europe and Japan continued to grow modestly.

## United States

In the U.S., the economy began to recover early in 2010, fueled by moderate growth in consumption and inventory rebuilding, but slowed in late spring, coincident with the intensification of Europe's financial crisis. A slowdown in consumption and domestic demand growth contributed to weak employment gains and an unemployment rate that drifted close to 10 percent. Year-over-year inflation measures receded below one percent and stock market indices declined. Concerns about high unemployment and fears that the U.S. might incur deflation led the Federal Reserve to adopt a second round of quantitative easing that involved purchases of $\$ 600$ billion of U.S. Treasury securities scheduled to occur through June 2011. The announcement of this policy led to lower interest rates. Bond yields rebounded in the second half of 2010 as the U.S. economy reaccelerated, driven by stronger consumer spending, rapid growth of exports and business investment in equipment and software. The strong holiday retail season provided healthy economic momentum toward year end. Despite only moderate economic growth in 2010, corporate profits rose sharply, benefiting from strong productivity gains and constraints on hiring and operating costs. Cautious business financial practices resulted in a record-breaking $\$ 1.5$ trillion in free cash flows at nonfinancial businesses.

The housing market remained weak throughout 2010. Home sales were soft, despite lower home prices and low interest rates. There were delays in the foreclosure process on the large number of distressed mortgages and the supply of unsold homes remained high. Based on available Home Price Index (HPI) information, the mild improvement in home prices that occurred in the second half of 2009 continued into early 2010. However, housing prices renewed a downward trend in the second half of 2010 , due in part to the expiration of tax incentives for home buyers.

Credit quality of bank loans to businesses and households improved significantly in 2010 and the continued economic recovery improved the environment for bank lending. Bank commercial and industrial loans to businesses increased in the last few months of 2010, following their steep recession-related declines, reflecting increasing loan demand relating to stronger production, inventory building and capital spending. Rising disposable personal income, household deleveraging and improving household finances contributed to improving consumer credit quality.

## Europe

In Europe, a financial crisis emerged in mid-2010, triggered by high budget deficits and rising direct and contingent sovereign debt in Greece, Ireland, Italy, Portugal and Spain that created concerns about the ability of these European Union (EU) "peripheral nations" to continue to service their debt obligations. These conditions impacted financial markets and resulted in high and volatile bond yields on the sovereign debt of many EU nations. The financial crisis and efforts by the European Commission, European Central Bank (ECB) and International Monetary Fund (IMF) to negotiate a financial support package to financially challenged EU nations unsettled global financial markets and contributed to Euro exchange rate and interest rate volatility. Economic performance of certain EU "core nations," led by Germany, remained healthy throughout 2010, while the economies of Greece, Ireland, Italy, Portugal and Spain experienced recessionary conditions and slowing
growth in response to the financial crisis and the implementation of fiscal austerity programs. Additionally, Spain and Ireland's economies declined as a result of material deterioration in their housing sectors. Uncertainty over the outcome of the EU governments' financial support programs and worries about sovereign finances continued through year end. For information on our exposure in Europe, see Non-U.S. Portfolio beginning on page 98 and Note 28 - Performance by Geographical Area to the Consolidated Financial Statements.

## Asia

Asia, excluding Japan, continued to outperform all other regions in 2010 with strong growth across most countries. China and India continued to lead the region in terms of growth and China became the second largest economy in the world after the U.S., eclipsing Japan. Growth across the region became broader based with consumer demand, investment activity and exports all performing well. Asia remained well positioned to withstand global shocks because of record international reserves, current account surpluses and reduced external leverage. Many Asian nations, including China, Taiwan, South Korea, Thailand and Malaysia, are net external creditors, with China and Japan among the largest holders of U.S. Treasury bonds. Bank balance sheets have improved across most of the region and asset quality issues have remained manageable. Among the key challenges faced by the region were large capital inflows that placed appreciation pressures on most currencies against the U.S. Dollar (USD), complicating monetary policy and adding to excess liquidity pressures. Most countries in the region, including China, India, South Korea, Thailand and Indonesia, began to withdraw fiscal stimulus and tighten monetary policy with hikes in interest rates as growth gathered momentum and as food and broader price inflation pressures began to increase. Japan performed well early in the year, but the economy weakened at the end of the year due to weakening consumer demand, and appreciation of the yen that hurt export competitiveness. For information on our exposure in Asia, see Non-U.S. Portfolio beginning on page 98 and Note 28 - Performance by Geographical Area to the Consolidated Financial Statements.

## Emerging Nations

In the emerging nations, inflation pressures began to mount and their central banks raised interest rates or took steps to tighten monetary policy and slow bank lending. Strong growth in emerging nations and their favorable economic outlooks attracted capital from the industrialized nations. The excess global liquidity generated by the accommodative monetary policies of the Federal Reserve, Bank of Japan and other central banks also flowed into emerging nations. These capital inflows put upward pressure on many emerging nation currencies. As a result, some emerging nations, such as Brazil, experienced strong currency appreciation. However, in other nations, that peg their currencies to the U.S. dollar, currency appreciation was muted causing inflationary pressures and rapid real estate price appreciation. Global economic momentum, along with the generally weak U.S. dollar and easing monetary policies in several industrialized nations, contributed to rising prices for industrial commodities in these emerging nations. Through year end, inflation pressures in key emerging nations continued to mount. For more information on our emerging nations exposure, see Table 48 on page 99.

## Performance Overview

In 2010, we reported a net loss of $\$ 2.2$ billion compared to net income of $\$ 6.3$ billion in 2009. After preferred stock dividends and accretion of $\$ 1.4$ billion in 2010 compared with $\$ 8.5$ billion in 2009 , net loss applicable to common shareholders was $\$ 3.6$ billion, or $\$ 0.37$ per diluted common share, compared to $\$ 2.2$ billion, or $\$ 0.29$ per diluted common share in 2009 . Our 2010 results reflected, among other things, $\$ 12.4$ billion in goodwill impairment charges, including non-cash, non-tax deductible goodwill impairment charges of
$\$ 10.4$ billion in Global Card Services and $\$ 2.0$ billion in Home Loans \& Insurance. For more information about the goodwill impairment charges in 2010, see Complex Accounting Estimates beginning on page 111 and Note 10-Goodwill and Intangible Assets to the Consolidated Financial Statements.

Excluding the $\$ 12.4$ billion of goodwill impairment charges, net income was $\$ 10.2$ billion for 2010. After preferred stock dividends and accretion, net income applicable to common shareholders, excluding the goodwill impairment charges was $\$ 8.8$ billion, or $\$ 0.86$ per diluted common share, for 2010. Revenue, net of interest expense on a FTE basis decreased $\$ 9.6$ billion or eight percent to $\$ 111.4$ billion in 2010.

Net interest income on a FTE basis increased $\$ 4.3$ billion to $\$ 52.7$ billion for 2010 compared to 2009. The increase was due to the impact of deposit pricing and the adoption of new consolidation guidance. The increase was partially offset by lower commercial and consumer loan levels and lower rates on the core assets and trading assets and liabilities.

Noninterest income decreased $\$ 13.8$ billion to $\$ 58.7$ billion in 2010 compared to $\$ 72.5$ billion in 2009. Contributing to the decline was lower mortgage banking income, down $\$ 6.1$ billion, largely due to $\$ 6.8$ billion in representations and warranties provision, and decreases in equity investment income of $\$ 4.8$ billion, gains on sales of debt securities of $\$ 2.2$ billion, trading account profits of $\$ 2.2$ billion, service charges of $\$ 1.6$ billion and insurance income of $\$ 694$ million, compared to 2009. These declines were partially offset by an increase in other income of $\$ 2.4$ billion and a decrease in impairment losses of $\$ 1.9$ billion.

Representations and warranties expense increased $\$ 4.9$ billion to $\$ 6.8$ billion in 2010 compared to $\$ 1.9$ billion in 2009. The increase was primarily driven by a $\$ 4.1$ billion provision for representations and warranties in the fourth quarter of 2010. The fourth quarter provision includes $\$ 3.0$ billion related to the impact of the agreements reached with the GSEs on December 31, 2010, pursuant to which we paid $\$ 2.8$ billion to resolve repurchase claims involving certain residential mortgage loans sold directly to the GSEs by entities related to legacy Countrywide Financial Corporation (Countrywide) as well as adjustments made to the representations and warranties liability for other loans sold
directly to the GSEs and not covered by these agreements. For more information about the GSE agreements, see Recent Events beginning on page 37 and Note 9 -Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements.

The provision for credit losses decreased $\$ 20.1$ billion to $\$ 28.4$ billion in 2010 compared to 2009. The provision for credit losses was $\$ 5.9$ billion lower than net charge-offs in 2010, resulting in a reduction in reserves, compared with the 2009 provision for credit losses that was $\$ 14.9$ billion higher than net charge-offs, reflecting reserve additions throughout the year. The reserve reduction in 2010 was due to improving portfolio trends across most of the consumer and commercial businesses, particularly the U.S. credit card, consumer lending and small business products, as well as core commercial loan portfolios.

Noninterest expense increased $\$ 16.4$ billion to $\$ 83.1$ billion in 2010 compared to 2009. The increase was driven by the $\$ 12.4$ billion of goodwill impairment charges recognized in 2010. Excluding the goodwill impairment charges, noninterest expense increased $\$ 4.0$ billion in 2010 compared to 2009 , driven by a $\$ 3.6$ billion increase in personnel costs reflecting the buildout of several businesses and a $\$ 1.6$ billion increase in litigation expense, partially offset by lower merger and restructuring charges.

FTE basis, net income excluding the goodwill impairment charges, noninterest expense excluding goodwill impairment charges and net income applicable to common shareholders excluding the goodwill impairment charges are non-GAAP measures. For corresponding reconciliations to GAAP financial measures, see Table XIII.

## Segment Results

Effective January 1, 2010, management realigned the former Global Banking and Global Markets business segments into Global Commercial Banking and GBAM. Prior year amounts have been reclassified to conform to the current period presentation. These changes did not have an impact on the previously reported consolidated results of the Corporation. For additional information related to the business segments, see Note 26 - Business Segment Information to the Consolidated Financial Statements.

Table 2 Business Segment Results

|  | Total Revenue ${ }^{(1)}$ |  | Net Income (Loss) |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 |
| Deposits | \$ 13,181 | \$ 13,890 | \$ 1,352 | \$ 2,576 |
| Global Card Services ${ }^{(2)}$ | 25,621 | 29,046 | $(6,603)$ | $(5,261)$ |
| Home Loans \& Insurance | 10,647 | 16,903 | $(8,921)$ | $(3,851)$ |
| Global Commercial Banking | 10,903 | 11,141 | 3,181 | (290) |
| Global Banking \& Markets | 28,498 | 32,623 | 6,319 | 10,058 |
| Global Wealth \& Investment Management | 16,671 | 16,137 | 1,347 | 1,716 |
| All Other ${ }^{(2)}$ | 5,869 | 1,204 | 1,087 | 1,328 |
| Total FTE basis | 111,390 | 120,944 | $(2,238)$ | 6,276 |
| FTE adjustment | $(1,170)$ | $(1,301)$ | - | - |
| Total Consolidated | \$110,220 | \$119,643 | \$ $(2,238)$ | \$ 6,276 |

${ }^{(1)}$ Total revenue is net of interest expense and is on a FTE basis which is a non-GAAP measure. For more information on this measure, see Supplemental Financial Data beginning on page 40 , and for a corresponding reconciliation to a GAAP financial measure, see Table XIII.
 basis. For more information on the reconciliation of Global Card Services and All Other, see Note 26-Business Segment Information to the Consolidated Financial Statements.

Deposits net income decreased from the prior year due to a decline in revenue and higher noninterest expense. Net interest income increased as a result of a customer shift to more liquid products and continued pricing discipline, partially offset by a lower net interest income allocation related to asset and liability management (ALM) activities. The noninterest income decline was driven by the impact of Regulation E , which was effective in the third quarter of 2010 and our overdraft policy changes implemented in late 2009. Noninterest expense increased as a higher proportion of banking center sales and service
costs was aligned to Deposits from the other segments, and increased litigation expenses. The increase was partially offset by the absence of a special Federal Deposit Insurance Corporation (FDIC) assessment in 2009.

Global Card Services net loss increased compared to the prior year due primarily to a $\$ 10.4$ billion goodwill impairment charge. Revenue decreased compared to the prior year driven by lower average loans, reduced interest and fee income primarily resulting from the implementation of the CARD Act and the impact of recording a reserve related to future payment protection
insurance claims in the U.K. that have not yet been asserted. Provision for credit losses improved due to lower delinquencies and bankruptcies as a result of the improved economic environment, which resulted in reserve reductions in 2010 compared to reserve increases in the prior year. Noninterest expense increased primarily due to the goodwill impairment charge.

Home Loans \& Insurance net loss increased in 2010 compared to the prior year primarily due to an increase in representations and warranties provision and a $\$ 2.0$ billion goodwill impairment charge, partially offset by a decline in provision for credit losses driven by improving portfolio trends. Mortgage banking income declined driven by increased representations and warranties provision and lower production volume reflecting a drop in the overall size of the mortgage market. Noninterest expense increased primarily due to the goodwill impairment charge, higher litigation expense and an increase in default-related servicing expense, partially offset by lower production expense and insurance losses.

Global Commercial Banking net income increased due to lower credit costs. Revenue was negatively impacted by additional costs related to our agreement to purchase certain retail automotive loans. Net interest income increased due to a growth in average deposits, partially offset by a lower net interest income allocation related to ALM activities. Credit pricing discipline offset the impact of the decline in average loan balances. The provision for credit losses decreased driven by improvements from stabilizing values in the commercial real estate portfolio.

GBAM net income decreased driven by the absence of the gain in the prior year related to the contribution of our merchant processing business to a joint venture. Additionally, the decrease was driven by lower sales and trading revenue due to more favorable market conditions in the prior year, partially
offset by credit valuation gains on derivative liabilities and gains on legacy assets compared to losses in the prior year. Provision for credit losses declined driven by lower net charge-offs and reserve levels, as well as a reduction in reservable criticized balances. Noninterest expense increased driven by higher compensation costs as a result of the recognition of expense on a proportionately larger amount of prior year incentive deferrals and investments in infrastructure and personnel associated with further development of the business. Income tax expense was adversely affected by a charge related to the U.K. tax rate reduction impacting the carrying value of deferred tax assets.

GWIM net income decreased driven by higher noninterest expense and the tax-related effect of the sale of the Columbia Management long-term asset management business partially offset by higher noninterest income and lower credit costs. Revenue increased driven by higher asset management fees and transactional revenue. Provision for credit losses decreased driven by stabilization of the portfolios and the recognition of a single large commercial charge-off in 2009. Noninterest expense increased due primarily to higher revenue-related expenses, support costs and personnel costs associated with further investment in the business.

All Other net income decreased compared to the prior year driven primarily by decreases in net interest income and noninterest income, partially offset by a lower provision for credit losses. Revenue decreased due primarily to lower equity investment gains as the prior year included a gain resulting from the sale of a portion of our investment in China Construction Bank (CCB) combined with reduced gains on the sale of debt securities. The decrease in the provision for credit losses was due to improving portfolio trends in the residential mortgage portfolio.

## Financial Highlights

## Net Interest Income

Net interest income on a FTE basis increased $\$ 4.3$ billion to $\$ 52.7$ billion for 2010 compared to 2009. The increase was due to the impact of deposit pricing and the adoption of new consolidation guidance which contributed $\$ 10.5$ billion to net interest income in 2010. The increase was partially offset by lower commercial and consumer loan levels, the sale of First Republic in 2010 and lower rates on the core assets and trading assets and liabilities, including derivatives exposure. The net interest yield on a FTE basis increased 13 basis points (bps) to 2.78 percent for 2010 compared to 2009 due to these same factors.

## Noninterest Income

Table 3 Noninterest Income

| (Dollars in millions) | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| :--- | ---: | ---: |
| Card income | $\mathbf{8 , 1 0 8}$ | $\$ 8,353$ |
| Service charges | 9,390 | 11,038 |
| Investment and brokerage services | $\mathbf{1 1 , 6 2 2}$ | 11,919 |
| Investment banking income | 5,520 | 5,551 |
| Equity investment income | 5,260 | 10,014 |
| Trading account profits | 10,054 | 12,235 |
| Mortgage banking income | 2,734 | 8,791 |
| Insurance income | $\mathbf{2 , 0 6 6}$ | 2,760 |
| Gains on sales of debt securities | 2,526 | 4,723 |
| Other income (loss) | $\mathbf{2 , 3 8 4}$ | $(14)$ |
| Net impairment losses recognized in earnings on |  |  |
| $\quad$ available-for-sale debt securities | $\mathbf{( 9 6 7 )}$ | $(2,836)$ |
| Total noninterest income | $\$ 58,697$ | $\$ 72,534$ |

Noninterest income decreased $\$ 13.8$ billion to $\$ 58.7$ billion for 2010 compared to 2009. The following items highlight the significant changes.

- Card income decreased $\$ 245$ million due to the implementation of the CARD Act partially offset by the impact of the new consolidation guidance and higher interchange income.
- Service charges decreased $\$ 1.6$ billion largely due to the impact of Regulation E, which became effective in the third quarter of 2010 and the impact of our overdraft policy changes implemented in late 2009.
- Equity investment income decreased by $\$ 4.8$ billion, as net gains on the sales of certain strategic investments during 2010, including Itaú Unibanco, MasterCard, Santander and a portion of our investment in BlackRock, Inc. (BlackRock) were less than gains in 2009 that included a $\$ 7.3$ billion gain related to the sale of a portion of our investment in CCB and the $\$ 1.1$ billion gain related to our BlackRock investment.
- Trading account profits decreased $\$ 2.2$ billion due to more favorable market conditions in the prior year and investor concerns regarding sovereign debt fears and regulatory uncertainty. Net credit valuation gains on derivative liabilities of $\$ 262$ million for 2010 compared to losses of \$662 million for 2009.
- Mortgage banking income decreased $\$ 6.1$ billion due to an increase of $\$ 4.9$ billion in representations and warranties provision and lower volume and margins.
- Insurance income decreased $\$ 694$ million due to a liability recorded for future claims related to payment protection insurance (PPI) sold in the U.K.
- Gains on sales of debt securities decreased $\$ 2.2$ billion driven by a lower volume of sales of debt securities. The decrease also included the impact of losses in 2010 related to portfolio restructuring activities.
- Other income (loss) improved by $\$ 2.4$ billion. The prior year included a net negative fair value adjustment of $\$ 4.9$ billion on structured liabilities compared to a net positive adjustment of $\$ 18$ million in 2010 , and the prior year
also included a $\$ 3.8$ billion gain on the contribution of our merchant processing business to a joint venture. Legacy asset write-downs included in other income (loss) were $\$ 1.7$ billion in 2009 compared to net gains of \$256 million in 2010.
- Impairment losses recognized in earnings on available-for-sale (AFS) debt securities decreased $\$ 1.9$ billion reflecting lower impairment write-downs on non-agency residential mortgage-backed securities (RMBS) and collateralized debt obligations (CDOs).


## Provision for Credit Losses

The provision for credit losses decreased $\$ 20.1$ billion to $\$ 28.4$ billion in 2010 compared to 2009. The provision for credit losses was $\$ 5.9$ billion lower than net charge-offs for 2010, resulting in a reduction in reserves primarily due to improving portfolio trends throughout the year across the consumer and commercial businesses.

The provision for credit losses related to our consumer portfolio decreased $\$ 11.4$ billion to $\$ 25.4$ billion for 2010 compared to 2009 . The provision for credit losses related to our commercial portfolio including the provision for unfunded lending commitments decreased $\$ 8.7$ billion to $\$ 3.0$ billion for 2010 compared to 2009.

Net charge-offs totaled $\$ 34.3$ billion, or 3.60 percent of average loans and leases for 2010 compared with $\$ 33.7$ billion, or 3.58 percent for 2009. For more information on the provision for credit losses, see Provision for Credit Losses on page 100.

## Noninterest Expense

Table 4 Noninterest Expense

| (Dollars in millions) | $\mathbf{2 0 1 0}$ | 2009 |
| :--- | ---: | ---: |
| Personnel | $\$ 35,149$ | $\$ 31,528$ |
| Occupancy | 4,716 | 4,906 |
| Equipment | 2,452 | 2,455 |
| Marketing | 1,963 | 1,933 |
| Professional fees | 2,695 | 2,281 |
| Amortization of intangibles | 1,731 | 1,978 |
| Data processing | 2,544 | 2,500 |
| Telecommunications | 1,416 | 1,420 |
| Other general operating | 16,222 | 14,991 |
| Goodwill impairment | 12,400 | - |
| Merger and restructuring charges | $\mathbf{1 , 8 2 0}$ | 2,721 |
| Total noninterest expense | $\$ 83,108$ | $\$ 66,713$ |

Excluding the goodwill impairment charges of $\$ 12.4$ billion, noninterest expense increased $\$ 4.0$ billion for 2010 compared to 2009. The increase was driven by a $\$ 3.6$ billion increase in personnel costs reflecting the build out of several businesses, the recognition of expense on proportionally larger prior year incentive deferrals and the U.K. payroll tax on certain year-end incentive payments, as well as a $\$ 1.6$ billion increase in litigation costs. These increases were partially offset by a $\$ 901$ million decline in pre-tax merger and restructuring charges compared to the prior year. The prior year included a special FDIC assessment of $\$ 724$ million.

## Income Tax Expense

Income tax expense was $\$ 915$ million for 2010 compared to a benefit of $\$ 1.9$ billion for 2009. The effective tax rate for 2010 was not meaningful due to the impact of non-deductible goodwill impairment charges of $\$ 12.4$ billion.

The effective tax rate for 2010 excluding goodwill impairment charges from pre-tax income was 8.3 percent compared to (44.0) percent for 2009, primarily driven by an increase in pre-tax income excluding the non-deductible goodwill impairment charges. Also impacting the 2010 effective tax rate was a
\$392 million charge from a U.K. law change referred to below and a $\$ 1.7$ billion tax benefit from the release of a portion of the deferred tax asset valuation allowance related to acquired capital loss carryforward tax benefits compared to $\$ 650$ million in 2009. For more information, see Note 21 - Income Taxes to the Consolidated Financial Statements.

During 2010, the U.K. government enacted a tax law change reducing the corporate income tax rate by one percent effective for the 2011 U.K. tax financial year beginning on April 1, 2011. This reduction favorably affects
income tax expense on future U.K. earnings, but also required us to remeasure our U.K. net deferred tax assets using the lower tax rate. The U.K. corporate tax rate reduction resulted in an income tax charge of $\$ 392$ million in 2010. If future rate reductions were to be enacted as suggested in U.K. Treasury announcements and assuming no change in the deferred tax asset balance, a similar charge to income tax expense for each one percent reduction in the rate would result during each period of enactment. For more information, see Regulatory Matters beginning on page 60.

## Balance Sheet Overview

Table 5 Selected Balance Sheet Data

| (Dollars in millions) | December 31 |  | Average Balance |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 | 2009 | 2010 | 2009 |
| Assets |  |  |  |  |
| Federal funds sold and securities borrowed or purchased under agreements to resell | \$ 209,616 | \$ 189,933 | \$ 256,943 | \$ 235,764 |
| Trading account assets | 194,671 | 182,206 | 213,745 | 217,048 |
| Debt securities | 338,054 | 311,441 | 323,946 | 271,048 |
| Loans and leases | 940,440 | 900,128 | 958,331 | 948,805 |
| Allowance for loan and lease losses | $(41,885)$ | $(37,200)$ | $(45,619)$ | $(33,315)$ |
| All other assets | 624,013 | 683,724 | 732,256 | 803,718 |
| Total assets | \$2,264,909 | \$2,230,232 | \$2,439,602 | \$2,443,068 |
| Liabilities |  |  |  |  |
| Deposits | \$1,010,430 | \$ 991,611 | \$ 988,586 | \$ 980,966 |
| Federal funds purchased and securities loaned or sold under agreements to repurchase | 245,359 | 255,185 | 353,653 | 369,863 |
| Trading account liabilities | 71,985 | 65,432 | 91,669 | 72,207 |
| Commercial paper and other short-term borrowings | 59,962 | 69,524 | 76,676 | 118,781 |
| Long-term debt | 448,431 | 438,521 | 490,497 | 446,634 |
| All other liabilities | 200,494 | 178,515 | 205,290 | 209,972 |
| Total liabilities | 2,036,661 | 1,998,788 | 2,206,371 | 2,198,423 |
| Shareholders' equity | 228,248 | 231,444 | 233,231 | 244,645 |
| Total liabilities and shareholders' equity | \$2,264,909 | \$2,230,232 | \$2,439,602 | \$2,443,068 |

At December 31, 2010, total assets were $\$ 2.3$ trillion, an increase of $\$ 34.7$ billion, or two percent, from December 31, 2009. Average total assets in 2010 decreased $\$ 3.5$ billion from 2009. At December 31, 2010, total liabilities were $\$ 2.0$ trillion, an increase of $\$ 37.9$ billion, or two percent, from December 31, 2009. Average total liabilities for 2010 increased $\$ 7.9$ billion from 2009.

Period-end balance sheet amounts may vary from average balance sheet amounts due to liquidity and balance sheet management functions, primarily involving our portfolios of highly liquid assets, that are designed to ensure the adequacy of capital while enhancing our ability to manage liquidity requirements for the Corporation and for our customers, and to position the balance sheet in accordance with the Corporation's risk appetite. The execution of these functions requires the use of balance sheet and capital-related limits including spot, average and risk-weighted asset limits, particularly in our trading businesses. One of our key metrics, Tier 1 leverage ratio, is calculated based on adjusted quarterly average total assets.

## Impact of Adopting New Consolidation Guidance

On January 1, 2010, the Corporation adopted new consolidation guidance resulting in the consolidation of certain former qualifying special purpose entities and VIEs that were not recorded on the Corporation's Consolidated Balance Sheet prior to that date. The adoption of this new consolidation guidance resulted in a net incremental increase in assets of $\$ 100.4$ billion, including $\$ 69.7$ billion resulting from consolidation of credit card trusts and $\$ 30.7$ billion from consolidation of other special purpose entities including multi-seller conduits, and a net increase of $\$ 106.7$ billion in total liabilities, including $\$ 84.4$ billion of long-term debt. These amounts are net of retained interests in securitizations held on the Consolidated Balance Sheet at December 31, 2009 and a $\$ 10.8$ billion increase in the allowance for loan and lease losses, the majority of which relates to credit card receivables. The Corporation recorded a $\$ 6.2$ billion charge, net-of-tax, to retained earnings on January 1, 2010 for the cumulative effect of the adoption of this new consolidation guidance due primarily to the increase in the allowance for loan and lease losses, and a $\$ 116$ million charge to accumulated other comprehensive income ( OCI ). The initial recording of these assets, related allowance for loan and lease losses and liabilities on the Corporation's Consolidated Balance Sheet had no impact at the date of adoption on consolidated results of operations. For additional detail on the impact of adopting this new consolidation guidance, refer to Note 8-Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

## Assets

## Federal Funds Sold and Securities Borrowed or Purchased Under Agreements to Resell

Federal funds transactions involve lending reserve balances on a short-term basis. Securities borrowed and securities purchased under agreements to resell are utilized to accommodate customer transactions, earn interest rate spreads and obtain securities for settlement. Year-end federal funds sold and securities borrowed or purchased under agreements to resell increased $\$ 19.7$ billion and average amounts increased $\$ 21.2$ billion in 2010 compared to 2009, attributable primarily to a favorable rate environment and increased customer activity.

## Trading Account Assets

Trading account assets consist primarily of fixed-income securities (including government and corporate debt), and equity and convertible instruments. Year-end trading account assets increased $\$ 12.5$ billion in 2010 compared to 2009 primarily due to the adoption of new consolidation guidance as well as the consolidation of a VIE late in 2010. Average trading account assets decreased slightly in 2010 as compared to 2009.

## Debt Securities

Debt securities include U.S. Treasury and agency securities, mortgagebacked securities (MBS), principally agency MBS, foreign bonds, corporate bonds and municipal debt. We use the debt securities portfolio primarily to manage interest rate and liquidity risk and to take advantage of market conditions that create more economically attractive returns on these investments. Year-end and average balances of debt securities increased $\$ 26.6$ billion and $\$ 52.9$ billion in 2010 compared to 2009 due to agency MBS purchases. For additional information on AFS debt securities, see Market Risk Management - Securities beginning on page 107 and Note 5 - Securities to the Consolidated Financial Statements.

## Loans and Leases

Year-end and average loans and leases increased $\$ 40.3$ billion to $\$ 940.4$ billion and $\$ 9.5$ billion to $\$ 958.3$ billion in 2010 compared to 2009. The increase was primarily due to the impact of adopting new consolidation guidance partially offset by continued deleveraging by consumers, tighter underwriting and the elevated levels of liquidity of commercial clients. For a more detailed discussion of the loan portfolio, see Credit Risk Management beginning on page 75 and Note 6 - Outstanding Loans and Leases to the Consolidated Financial Statements.

## Allowance for Loan and Lease Losses

Year-end and average allowance for loan lease losses increased $\$ 4.7$ billion and $\$ 12.3$ billion in 2010 compared to 2009 primarily due to the $\$ 10.8$ billion of reserves recorded on January 1, 2010 in connection with the adoption of new consolidation guidance and reserve additions in the PCI portfolio throughout 2010. These were partially offset by reserve reductions during 2010 due to the impacts of the improving economy. For a more detailed discussion of the Allowance for Loan and Lease Losses, see Allowance for Loan and Lease Losses beginning on page 101.

## All Other Assets

Year-end and average other assets decreased $\$ 59.7$ billion and $\$ 71.5$ billion in 2010 compared to 2009 driven primarily by the sale of strategic investments and goodwill impairment charges.

## Liabilities

## Deposits

Year-end and average deposits increased $\$ 18.8$ billion to $\$ 1.0$ trillion and $\$ 7.6$ billion to $\$ 988.6$ billion in 2010 compared to 2009. The increase was attributable to growth in our noninterest-bearing deposits, NOW and money market accounts primarily driven by affluent, and commercial and corporate clients, partially offset by a decrease in time deposits as a result of customer shift to more liquid products.

## Federal Funds Purchased and Securities Loaned or Sold Under Agreements to Repurchase

Federal funds transactions involve borrowing reserve balances on a shortterm basis. Securities loaned and securities sold under agreements to repurchase are collateralized borrowing transactions utilized to accommodate customer transactions, earn interest rate spreads and finance assets on the balance sheet. Year-end and average federal funds purchased and securities loaned or sold under agreements to repurchase decreased $\$ 9.8$ billion and $\$ 16.2$ billion in 2010 compared to 2009 primarily due to lower funding requirements.

## Trading Account Liabilities

Trading account liabilities consist primarily of short positions in fixed-income securities (including government and corporate debt), equity and convertible instruments. Year-end and average trading account liabilities increased $\$ 6.5$ billion and $\$ 19.5$ billion in 2010 compared to 2009 due to trading activity in fixed-income securities.

## Commercial Paper and Other Short-term Borrowings

Commercial paper and other short-term borrowings provide a funding source to supplement deposits in our ALM strategy. Year-end and average commercial paper and other short-term borrowings decreased $\$ 9.6$ billion to $\$ 60.0$ billion and decreased $\$ 42.1$ billion to $\$ 76.7$ billion in 2010 compared to 2009 as a result of our strengthened liquidity position.

## Long-term Debt

Year-end and average long-term debt increased by $\$ 9.9$ billion to $\$ 448.4$ billion and $\$ 43.9$ billion to $\$ 490.5$ billion in 2010 compared to 2009 . The increases were attributable to the $\$ 84.4$ billion impact of new consolidation guidance as discussed on page 33 offset by maturities outpacing new issuances and the Corporation's strategy to reduce our long-term debt. For additional information on long-term debt, see Note 13 - Long-term Debt to the Consolidated Financial Statements.

## All Other Liabilities

Year-end all other liabilities increased $\$ 22.0$ billion in 2010 compared to 2009 driven primarily by adoption of new consolidation guidance.

## Shareholders' Equity

Year-end and average shareholders' equity decreased $\$ 3.2$ billion and $\$ 11.4$ billion in 2010 compared to 2009. The decrease was driven primarily by the goodwill impairment charges of $\$ 12.4$ billion and the impact of adopting new consolidation guidance as we recorded a $\$ 6.2$ billion charge to retained earnings for newly consolidated loans partially offset by changes in accumulated OCI.

## Cash Flows Overview

The Corporation's operating assets and liabilities support our global markets and lending activities. We believe that cash flows from operations, available cash balances and our ability to generate cash through short- and long-term debt are sufficient to fund our operating liquidity needs. Our investing activities primarily include the AFS securities portfolio and other short-term investments. In addition, our financing activities reflect cash flows related to raising customer deposits and issuing long-term debt as well as preferred and common stock.

Cash and cash equivalents decreased $\$ 12.9$ billion during 2010 due to repayment and maturities of certain long-term debt and net purchases of AFS securities partially offset by deposit growth. Cash and cash equivalents increased $\$ 88.5$ billion during 2009 which reflected our strengthened liquidity. The following discussion outlines the significant activities that impacted our cash flows during 2010 and 2009.

During 2010, net cash provided by operating activities was $\$ 82.6$ billion compared to $\$ 129.7$ billion in 2009. The more significant adjustments to net
income (loss) to arrive at cash provided by operating activities included the decreases in the provision for credit losses, decreases in trading and derivative assets, and in 2010, the goodwill impairment charges.

During 2010, net cash of $\$ 30.3$ billion was used in investing activities primarily for net purchases of AFS debt securities. During 2009, net cash provided by investing activities was $\$ 157.9$ billion, in part, from net sales, pay downs and maturities of AFS securities associated with our management of interest rate risk, and net cash received from the acquisition of Merrill Lynch.

During 2010, the net cash used in financing activities of $\$ 65.4$ billion primarily reflected the net decreases in long-term debt as maturities outpaced new issuances. During 2009, net cash used in financing activities was $\$ 199.6$ billion reflecting the declines in commercial paper and other shortterm borrowings due, in part to lower Federal Home Loan Bank (FHLB) balances as a result of our strong liquidity position and a decrease in longterm debt as maturities outpaced new issuances.

Table 6 Five Year Summary of Selected Financial Data

| (Dollars in millions, except per share information) | 2010 |  |  | 2009 |  | 2008 | 2007 |  |  | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income statement |  |  |  |  |  |  |  |  |  |  |
| Net interest income | \$ | 51,523 | \$ | 47,109 | \$ | 45,360 | \$ | 34,441 | \$ | 34,594 |
| Noninterest income |  | 58,697 |  | 72,534 |  | 27,422 |  | 32,392 |  | 38,182 |
| Total revenue, net of interest expense |  | 110,220 |  | 119,643 |  | 72,782 |  | 66,833 |  | 72,776 |
| Provision for credit losses |  | 28,435 |  | 48,570 |  | 26,825 |  | 8,385 |  | 5,010 |
| Goodwill impairment |  | 12,400 |  | - |  | - |  | - |  | - |
| Merger and restructuring charges |  | 1,820 |  | 2,721 |  | 935 |  | 410 |  | 805 |
| All other noninterest expense ${ }^{(1)}$ |  | 68,888 |  | 63,992 |  | 40,594 |  | 37,114 |  | 34,988 |
| Income (loss) before income taxes |  | $(1,323)$ |  | 4,360 |  | 4,428 |  | 20,924 |  | 31,973 |
| Income tax expense (benefit) |  | 915 |  | $(1,916)$ |  | 420 |  | 5,942 |  | 10,840 |
| Net income (loss) |  | $(2,238)$ |  | 6,276 |  | 4,008 |  | 14,982 |  | 21,133 |
| Net income (loss) applicable to common shareholders |  | $(3,595)$ |  | $(2,204)$ |  | 2,556 |  | 14,800 |  | 21,111 |
| Average common shares issued and outstanding (in thousands) |  | 9,790,472 |  | 7,728,570 |  | 4,592,085 |  | 4,423,579 |  | 4,526,637 |
| Average diluted common shares issued and outstanding (in thousands) |  | 9,790,472 |  | 7,728,570 |  | 4,596,428 |  | 4,463,213 |  | 4,580,558 |
| Performance ratios |  |  |  |  |  |  |  |  |  |  |
| Return on average assets |  | $\mathrm{n} / \mathrm{m}$ |  | 0.26\% |  | 0.22\% |  | 0.94\% |  | 1.44\% |
| Return on average common shareholders' equity |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 1.80 |  | 11.08 |  | 16.27 |
| Return on average tangible common shareholders' equity ${ }^{(2)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 4.72 |  | 26.19 |  | 38.23 |
| Return on average tangible shareholders' equity ${ }^{(2)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 4.18 |  | 5.19 |  | 25.13 |  | 37.80 |
| Total ending equity to total ending assets |  | 10.08\% |  | 10.38 |  | 9.74 |  | 8.56 |  | 9.27 |
| Total average equity to total average assets |  | 9.56 |  | 10.01 |  | 8.94 |  | 8.53 |  | 8.90 |
| Dividend payout |  | n/m |  | $\mathrm{n} / \mathrm{m}$ |  | n/m |  | 72.26 |  | 45.66 |
| Per common share data |  |  |  |  |  |  |  |  |  |  |
| Earnings (loss) | \$ | (0.37) | \$ | (0.29) | \$ | 0.54 | \$ | 3.32 | \$ | 4.63 |
| Diluted earnings (loss) |  | (0.37) |  | (0.29) |  | 0.54 |  | 3.29 |  | 4.58 |
| Dividends paid |  | 0.04 |  | 0.04 |  | 2.24 |  | 2.40 |  | 2.12 |
| Book value |  | 20.99 |  | 21.48 |  | 27.77 |  | 32.09 |  | 29.70 |
| Tangible book value ${ }^{(2)}$ |  | 12.98 |  | 11.94 |  | 10.11 |  | 12.71 |  | 13.26 |
| Market price per share of common stock |  |  |  |  |  |  |  |  |  |  |
| Closing | \$ | 13.34 | \$ | 15.06 | \$ | 14.08 | \$ | 41.26 | \$ | 53.39 |
| High closing |  | 19.48 |  | 18.59 |  | 45.03 |  | 54.05 |  | 54.90 |
| Low closing |  | 10.95 |  | 3.14 |  | 11.25 |  | 41.10 |  | 43.09 |
| Market capitalization | \$ | 134,536 | \$ | 130,273 | \$ | 70,645 | \$ | 183,107 | \$ | 238,021 |
| Average balance sheet |  |  |  |  |  |  |  |  |  |  |
| Total loans and leases | \$ | 958,331 |  | 948,805 |  | 910,871 | \$ | 776,154 | \$ | 652,417 |
| Total assets |  | 2,439,602 |  | 2,443,068 |  | 1,843,985 |  | 1,602,073 |  | 1,466,681 |
| Total deposits |  | 988,586 |  | 980,966 |  | 831,157 |  | 717,182 |  | 672,995 |
| Long-term debt |  | 490,497 |  | 446,634 |  | 231,235 |  | 169,855 |  | 130,124 |
| Common shareholders' equity |  | 212,681 |  | 182,288 |  | 141,638 |  | 133,555 |  | 129,773 |
| Total shareholders' equity |  | 233,231 |  | 244,645 |  | 164,831 |  | 136,662 |  | 130,463 |
| Asset quality ${ }^{(3)}$ |  |  |  |  |  |  |  |  |  |  |
| Allowance for credit losses ${ }^{(4)}$ | \$ | 43,073 | \$ | 38,687 | \$ | 23,492 | \$ | 12,106 | \$ | 9,413 |
| Nonperforming loans, leases and foreclosed properties ${ }^{(5)}$ |  | 32,664 |  | 35,747 |  | 18,212 |  | 5,948 |  | 1,856 |
| Allowance for loan and lease losses as a percentage of total loans and leases outstanding ${ }^{(5)}$ |  | 4.47\% |  | 4.16\% |  | 2.49\% |  | 1.33\% |  | 1.28\% |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases ${ }^{(5,6)}$ |  | 136 |  | 111 |  | 141 |  | 207 |  | 505 |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases excluding the purchased credit-impaired loan portfolio ${ }^{(5,6)}$ |  | 116 |  | 99 |  | 136 |  | n/a |  | n/a |
| Net charge-offs | \$ | 34,334 | \$ | 33,688 | \$ | 16,231 \$ | \$ | 6,480 | \$ | 4,539 |
| Net charge-offs as a percentage of average loans and leases outstanding ${ }^{(5)}$ |  | 3.60\% |  | 3.58\% |  | 1.79\% |  | 0.84\% |  | 0.70\% |
| Nonperforming loans and leases as a percentage of total loans and leases outstanding ${ }^{(5)}$ |  | 3.27 |  | 3.75 |  | 1.77 |  | 0.64 |  | 0.25 |
| Nonperforming loans, leases and foreclosed properties as a percentage of total loans, leases and foreclosed properties ${ }^{(5)}$ |  | 3.48 |  | 3.98 |  | 1.96 |  | 0.68 |  | 0.26 |
| Ratio of the allowance for loan and lease losses at December 31 to net charge-offs |  | 1.22 |  | 1.10 |  | 1.42 |  | 1.79 |  | 1.99 |
| Capital ratios (year end) |  |  |  |  |  |  |  |  |  |  |
| Risk-based capital: |  |  |  |  |  |  |  |  |  |  |
| Tier 1 common |  | 8.60\% |  | 7.81\% |  | 4.80\% |  | 4.93\% |  | 6.82\% |
| Tier 1 |  | 11.24 |  | 10.40 |  | 9.15 |  | 6.87 |  | 8.64 |
| Total |  | 15.77 |  | 14.66 |  | 13.00 |  | 11.02 |  | 11.88 |
| Tier 1 leverage |  | 7.21 |  | 6.88 |  | 6.44 |  | 5.04 |  | 6.36 |
| Tangible equity ${ }^{(2)}$ |  | 6.75 |  | 6.40 |  | 5.11 |  | 3.73 |  | 4.47 |
| Tangible common equity ${ }^{(2)}$ |  | 5.99 |  | 5.56 |  | 2.93 |  | 3.46 |  | 4.27 |

${ }^{(1)}$ Excludes merger and restructuring charges and goodwill impairment charges.
${ }^{(2)}$ Tangible equity ratios and tangible book value per share of common stock are non-GAAP measures. Other companies may define or calculate these measures differently. For additional information on these ratios, see Supplemental Financial Data beginning on page 40 and for corresponding reconciliations to GAAP financial measures, see Table XIII.
${ }^{(3)}$ For more information on the impact of the PCI loan portfolio on asset quality, see Consumer Portfolio Credit Risk Management beginning on page 76 and Commercial Portfolio Credit Risk Management beginning on page 87.
${ }^{(4)}$ Includes the allowance for loan and lease losses and the reserve for unfunded lending commitments.
${ }^{(5)}$ Balances and ratios do not include loans accounted for under the fair value option. For additional exclusions on nonperforming loans, leases and foreclosed properties, see Nonperforming Consumer Loans and Foreclosed Properties Activity beginning on page 85 and corresponding Table 33 and Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity and corresponding Table 41 on page 93.
${ }^{(6)}$ Allowance for loan and lease losses includes $\$ 22.9$ billion, $\$ 17.7$ billion, $\$ 11.7$ billion, $\$ 6.5$ billion and $\$ 5.4$ billion allocated to products that are excluded from nonperforming loans, leases and foreclosed properties at December 31 , 2010, 2009, 2008, 2007 and 2006, respectively.
$\mathrm{n} / \mathrm{m}=$ not meaningful
$\mathrm{n} / \mathrm{a}=$ not applicable

## Recent Events

## Representations and Warranties Liability

On December 31, 2010, we reached agreements with Freddie Mac (FHLMC) and Fannie Mae (FNMA), collectively the GSEs, where the Corporation paid $\$ 2.8$ billion to resolve repurchase claims involving first-lien residential mortgage loans sold directly to the GSEs by entities related to legacy Countrywide (Countrywide). The agreement with FHLMC extinguishes all outstanding and potential mortgage repurchase and make-whole claims arising out of any alleged breaches of selling representations and warranties related to loans sold directly by legacy Countrywide to FHLMC through 2008, subject to certain exceptions we do not believe will be material. The agreement with FNMA substantially resolves the existing pipeline of repurchase and make-whole claims outstanding as of September 20, 2010 arising out of alleged breaches of selling representations and warranties related to loans sold directly by legacy Countrywide to FNMA. These agreements with the GSEs do not cover outstanding and potential mortgage repurchase and make-whole claims arising out of any alleged breaches of selling representations and warranties to legacy Bank of America first-lien residential mortgage loans sold directly to the GSEs or other loans sold directly to the GSEs other than described above, loan servicing obligations, other contractual obligations or loans contained in private-label securitizations.

As a result of these agreements and associated adjustments made to the representations and warranties liability for other loans sold directly to the GSEs and not covered by the agreements, the Corporation recorded a provision of $\$ 3.0$ billion during the fourth quarter of 2010 . We believe that our remaining exposure to representations and warranties for first-lien residential mortgage loans sold directly to the GSEs has been accounted for as a result of these agreements and the associated adjustments to our recorded liability for representations and warranties for first-lien residential mortgage for loans sold directly to the GSEs and not covered by the agreements as discussed above. We believe our predictive repurchase models, utilizing our historical repurchase experience with the GSEs while considering current developments, including the recent agreements, projections of future defaults as well as certain assumptions regarding economic conditions, home prices and other matters, allows us to reasonably estimate the liability for obligations under representations and warranties on loans sold to the GSEs. However, future provisions for representations and warranties liability to the GSEs may be affected if actual experience is different from our historical experience with the GSEs or our projections of future defaults, and assumptions regarding economic conditions, home prices and other matters, that are incorporated in the provision calculation.

Although our experience with non-GSE claims remains limited, we expect additional activity in this area going forward and that the volume of repurchase claims from monolines, whole-loan investors and investors in private-label securitizations could increase in the future. It is reasonably possible that future losses may occur, and our estimate is that the upper range of possible loss related to non-GSE sales could be $\$ 7$ billion to $\$ 10$ billion over existing accruals. This estimate does not represent a probable loss, is based on currently available information, significant judgment, and a number of assumptions that are subject to change. A significant portion of this estimate relates to loans originated through legacy Countrywide, and the repurchase liability is generally limited to the original seller of the loan. Future provisions and possible loss or range of loss may be impacted if actual results are different from our assumptions regarding economic conditions, home prices and other matters and may vary by counterparty. The resolution of the repurchase claims process with the non-GSE counterparties will likely be a protracted process, and we will vigorously contest any request for repurchase if we conclude that a valid basis for the repurchase claim does not exist. For additional information about representations and warranties, see Note 9 - Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements and Representations and Warranties beginning on page 56.

## Goodwill

In 2010, we recorded a $\$ 10.4$ billion goodwill impairment charge in Global Card Services and a $\$ 2.0$ billion goodwill impairment charge in Home Loans \& Insurance. These goodwill impairment charges are non-cash, non-tax deductible and have no impact on our reported Tier 1 and tangible equity ratios. Our consumer and small business card products, including the debit card business, are part of an integrated platform within Global Card Services. Based on the provisions of the Financial Reform Act which limit the interchange fees that may be charged with respect to electronic debit interchange, we estimate a revenue loss, beginning in the third quarter of 2011, of approximately $\$ 2.0$ billion annually based on current volumes and assuming limited mitigation within this segment. Accordingly, we performed a goodwill impairment analysis during the three months ended September 30, 2010. This analysis indicated that the implied fair value of the goodwill in Global Card Services was less than the carrying value, and accordingly, we recorded a $\$ 10.4$ billion charge to reduce the carrying value to fair value.

During the three months ended December 31, 2010, we performed a goodwill impairment analysis for Home Loans \& Insurance as it was likely that there had been a decline in its fair value as a result of increased uncertainties, including existing and potential litigation exposure and other related risks, higher servicing costs including loss mitigation efforts, foreclosure related issues and the redeployment of centralized sales resources to address servicing needs. This analysis indicated that the implied fair value of the goodwill in Home Loans \& Insurance was less than the carrying value, and accordingly, we recorded a $\$ 2$ billion charge to reduce the carrying value of goodwill in Home Loans \& Insurance.

For additional information on the goodwill impairment charges, see Complex Accounting Estimates - Goodwill and Intangible Assets beginning on page 114 and Note 10 - Goodwill and Intangible Assets to the Consolidated Financial Statements.

## Review of Foreclosure Processes

On October 1, 2010, we voluntarily stopped taking residential mortgage foreclosure proceedings to judgment in states where foreclosure requires a court order following a legal proceeding (judicial states). On October 8, 2010, we stopped foreclosure sales in all states in order to complete an assessment of the related business processes. These actions generally did not affect the initiation and processing of foreclosures prior to judgment, or sale of vacant real estate owned properties. We took these precautionary steps in order to ensure our processes for handling foreclosures include the appropriate controls and quality assurance. Our review has involved an assessment of the foreclosure process, including a review of completed foreclosure affidavits in pending proceedings.

As a result of that review, we identified and implemented process and control enhancements, and we intend to monitor ongoing quality results of each process. The process and control enhancements implemented as a result of our review are intended to strengthen the controls related to preparation, execution and notarization of affidavits in judicial states and strengthen our oversight of lawyers in the attorney network who conduct foreclosure proceedings on our behalf, both in judicial states and in states where foreclosures are handled without judicial supervision (non-judicial states). This oversight includes a periodic review of a sample of foreclosure files maintained by these attorneys, and on-site reviews of law firms in the attorney network. In addition, our process and control enhancements for both judicial and non-judicial states include strengthening the controls related to the preparation and execution of other foreclosure loan documentation, including notices of default and pre-foreclosure loss mitigation affidavits, as well as enhanced associate training. After these enhancements were put in place, we resumed foreclosure sales in most non-judicial states during the fourth quarter of 2010, and expect sales to resume in the remaining non-judicial states in the
first quarter of 2011. We also commenced a rolling process of preparing, as necessary, affidavits of indebtedness in pending foreclosure proceedings in order to resume the process of taking these foreclosure proceedings to judgment in judicial states, beginning with properties believed to be vacant, and with properties for which the mortgage was originated on a non-owneroccupied basis. The process of preparing affidavits in pending proceedings is expected to continue in the first quarter of 2011, and could result in prolonged adversary proceedings that delay certain foreclosure sales.

Law enforcement authorities in all 50 states and the U.S. Department of Justice (DOJ) and other federal agencies, including certain bank supervisory authorities, continue to investigate alleged irregularities in the foreclosure practices of residential mortgage servicers. Authorities have publicly stated that the scope of the investigations extends beyond foreclosure documentation practices to include mortgage loan modification and loss mitigation practices. The Corporation is cooperating with these investigations and is dedicating significant resources to address these issues. The current environment of heightened regulatory scrutiny has the potential to subject the Corporation to inquiries or investigations that could significantly adversely affect its reputation. Such investigations by state and federal authorities, as well as any other governmental or regulatory scrutiny of our foreclosure processes, could result in material fines, penalties, equitable remedies (including requiring default servicing or other process changes), or other enforcement actions, and result in significant legal costs in responding to governmental investigations and additional litigation.

While we cannot predict the ultimate impact of the temporary delay in foreclosure sales, or any issues that may arise as a result of alleged irregularities with respect to previously completed foreclosure activities, we may be subject to additional borrower and non-borrower litigation and governmental and regulatory scrutiny related to our past and current foreclosure activities. This scrutiny may extend beyond our pending foreclosure matters to issues arising out of alleged irregularities with respect to previously completed foreclosure activities. Our costs increased in the fourth quarter of 2010 and we expect that additional costs incurred in connection with our foreclosure process assessment will continue into 2011 due to the additional resources necessary to perform the foreclosure process assessment, to revise affidavit filings and to implement other operational changes. This will likely result in higher noninterest expense, including higher servicing costs and legal expenses, in Home Loans \& Insurance. It is also possible that the temporary suspension in foreclosure sales may result in additional costs and expenses, including costs associated with the maintenance of properties or possible home price declines while foreclosures are delayed. In addition, required process changes could increase our default servicing costs over the longer term. Finally, the time to complete foreclosure sales may increase temporarily, which may result in an increase in nonperforming loans and servicing advances and may impact the collectability of such advances and the value of our mortgage servicing rights (MSR) asset, MBS and real estate owned properties. An increase in the time to complete foreclosure sales also may inflate the amount of highly delinquent loans in the Corporation's mortgage statistics, result in increasing levels of consumer nonperforming loans, and could have a dampening effect on net interest margin as nonperforming assets increase. Accordingly, delays in foreclosure sales, including any delays beyond those currently anticipated, our continued process enhancements and any issues that may arise out of alleged irregularities in our foreclosure process could increase the costs associated with our mortgage operations.

Loan sales have not been materially impacted by the temporary delay in foreclosure sales or the review of our foreclosure process. However, delays in foreclosure sales could negatively impact the valuation of our real estate owned properties and MBS that are serviced by us. With respect to agency MBS, while there would be no credit impairment to security holders due to the guarantee provided by the agencies, the valuation of certain MBS could be negatively affected under certain scenarios due to changes in the timing of cash flows. The impact on agency MBS depends on, among other factors, how
long the underlying loans are affected by foreclosure delays and would vary among securities. With respect to non-agency MBS, under certain scenarios the timing and amount of cash flows could be negatively affected. The ultimate impact on the non-agency MBS depends on the same factors that impact agency MBS, as well as the level of credit enhancement, including subordination. In addition, as a result of our foreclosure process assessment and related control enhancements that we have implemented, there may continue to be delays in foreclosure sales, including a continued backlog of foreclosure proceedings, and evictions from real estate owned properties.

## Certain Servicing-related Issues

The Corporation and its legacy companies have securitized, and continue to securitize, a significant portion of the residential mortgage loans that we have originated or acquired. The Corporation services a large portion of the loans it or its subsidiaries have securitized and also services loans on behalf of thirdparty securitization vehicles. In addition to identifying specific servicing criteria, pooling and servicing arrangements entered into in connection with a securitization or whole loan sale typically impose standards of care on the servicer, with respect to its activities, that may include the obligation to adhere to the accepted servicing practices of prudent mortgage lenders and/or to exercise the degree of care and skill that the servicer employs when servicing loans for its own account. Many non-agency residential mort-gage-backed securitizations and whole loan servicing agreements also require the servicer to indemnify the trustee or other investor for or against failures by the servicer to perform its servicing obligations or acts or omissions that involve willful malfeasance, bad faith or gross negligence in the performance of, or reckless disregard of, the servicer's duties.

Servicing agreements with the GSEs generally provide the GSEs with broader rights relative to the servicer than are found in servicing agreements with private investors. For example, each GSE typically has the right to demand that the servicer repurchase loans that breach the seller's representations and warranties made in connection with the initial sale of the loans even if the servicer was not the seller. The GSEs also reserve the contractual right to demand indemnification or loan repurchase for certain servicing breaches although we believe that repurchase or indemnification demands solely for servicing breaches are rare. In addition, our agreements with the GSEs and their first mortgage seller/servicer guides provide for timelines to resolve delinquent loans through workout efforts or liquidation, if necessary. In the fourth quarter of 2010, we recorded an expense of $\$ 230$ million for compensatory fees that we expect to be assessed by the GSEs as a result of foreclosure delays.

With regard to alleged irregularities in foreclosure process-related activities, a servicer may incur costs or losses if the servicer elects or is required to re-execute or re-file documents or take other action in its capacity as a servicer in connection with pending or completed foreclosures. The servicer also may incur costs or losses if the validity of a foreclosure action is challenged by a borrower. If a court were to overturn a foreclosure because of errors or deficiencies in the foreclosure process, the servicer may have liability to a title insurer of the property sold in foreclosure. These costs and liabilities may not be reimbursable to the servicer. A servicer may also incur costs or losses associated with private-label securitizations or other loan investors relating to delays or alleged deficiencies in processing documents necessary to comply with state law governing foreclosures.

The servicer may be subject to deductions by insurers for mortgage insurance or guarantee benefits relating to delays or alleged deficiencies. Additionally, if the servicer commits a material breach of its servicing obligations that is not cured within specified timeframes, including those related to default servicing and foreclosure, it could be terminated as servicer under servicing agreements under certain circumstances. Any of these actions may harm the servicer's reputation, increase its servicing costs or otherwise adversely affect its financial condition and results of operations.

Mortgage notes, assignments or other documents are often required to be maintained and are often necessary to enforce mortgage loans. We have processes in place to satisfy document delivery and maintenance requirements in accordance with securitization transaction standards. Additionally, there has been significant public commentary regarding the common industry practice of recording mortgages in the name of Mortgage Electronic Registration Systems, Inc. (MERS), as nominee on behalf of the note holder, and whether securitization trusts own the loans purported to be conveyed to them and have valid liens securing those loans. We believe that the process for mortgage loan transfers into securitization trusts is based on a well-established body of law that establishes ownership of mortgage loans by the securitization trusts and we believe that we have substantially executed this process. We currently use the MERS system for a substantial portion of the residential mortgage loans that we originate, including loans that have been sold to investors or securitization trusts. Although the GSEs do not require the use of MERS, the GSEs permit standard forms of mortgages and deeds of trust that use MERS and we believe that loans that employ these forms are considered to be properly documented for the GSEs' purposes. We believe that the use of MERS is a widespread practice in the industry. Certain legal challenges have been made to the process for transferring mortgage loans to securitization trusts asserting that having a mortgagee of record that is different than the holder of the mortgage note could "break the chain of title" and cloud the ownership of the loan. Under the Uniform Commercial Code, a securitization trust or other investor should have good title to a mortgage loan if, among other means, either the note is endorsed in blank or to the named transferee and delivered to the holder or its designee, which may be a document custodian. In order to foreclose on a mortgage loan, in certain cases it may be necessary or prudent for an assignment of the mortgage to be made to the holder of the note, which in the case of a mortgage held in the name of MERS as nominee would need to be completed by MERS. As such, our practice is to obtain assignments of mortgages from MERS prior to instituting foreclosure. If certain required documents are missing or defective, or if the use of MERS is found not to be effective, we could be obligated to cure
certain defects or in some circumstances otherwise be subject to additional costs and expenses, which could have a material adverse effect on our results of operations, cash flows and financial condition.

## Private-label Residential Mortgage-backed Securities Matters

On October 18, 2010, Countrywide Home Loans Servicing, LP (which changed its name to BAC Home Loans Servicing, LP), a wholly-owned subsidiary of the Corporation, received a letter, in its capacity as servicer under certain pooling and servicing agreements for 115 private-label residential MBS securitizations (subsequently increased to 225 securitizations) from investors purportedly owning interests in RMBS issued in the securitizations. The letter asserted breaches of certain loan servicing obligations, including an alleged failure to provide notice to the trustee and other parties to the pooling and servicing agreements of breaches of representations and warranties with respect to mortgage loans included in the securitization transactions. On November 4, 2010, the servicer responded in writing to the letter, stating among other things that the letter had identified no facts indicating that the servicer had breached any of its obligations, and asking that the signatories of the letter provide evidence that they met the minimum voting interest requirements for investor action contained in the relevant contracts. BAC Home Loans Servicing, LP and Gibbs \& Bruns LLP on behalf of certain investors including those who signed the letter, as well as The Bank of New York Mellon, as trustee, have agreed to a short extension of any time periods commenced by the letter to permit the parties to explore dialogue around the issues raised. There are a number of questions about the validity of the assertions set forth in the letter, including whether these purported investors have standing to bring these claims. The servicer intends to challenge the assertions in the letter and to fully enforce its rights under the relevant contracts.

For additional information about representations and warranties, see Note 9 - Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements, Representations and Warranties beginning on page 56 and Item 1A. Risk Factors of this Annual Report on Form 10-K.

## Supplemental Financial Data

We view net interest income and related ratios and analyses (i.e., efficiency ratio and net interest yield) on a FTE basis. Although these are non-GAAP measures, we believe managing the business with net interest income on a FTE basis provides a more accurate picture of the interest margin for comparative purposes. To derive the FTE basis, net interest income is adjusted to reflect tax-exempt income on an equivalent before-tax basis with a corresponding increase in income tax expense. For purposes of this calculation, we use the federal statutory tax rate of 35 percent. This measure ensures comparability of net interest income arising from taxable and tax-exempt sources.

As mentioned above, certain performance measures including the efficiency ratio and net interest yield utilize net interest income (and thus total revenue) on a FTE basis. The efficiency ratio measures the costs expended to generate a dollar of revenue, and net interest yield evaluates how many basis points we are earning over the cost of funds. During our annual planning process, we set efficiency targets for the Corporation and each line of business. We believe the use of these non-GAAP measures provides additional clarity in assessing our results. Targets vary by year and by business and are based on a variety of factors including maturity of the business, competitive environment, market factors and other items including our risk appetite.

We also evaluate our business based on the following ratios that utilize tangible equity, a non-GAAP measure. Return on average tangible common shareholders' equity measures our earnings contribution as a percentage of common shareholders' equity plus any Common Equivalent Securities (CES) less goodwill and intangible assets, (excluding MSRs), net of related deferred tax liabilities. ROTE measures our earnings contribution as a percentage of
average shareholders' equity less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities. The tangible common equity ratio represents common shareholders' equity plus any CES less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities divided by total assets less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities. The tangible equity ratio represents total shareholders' equity less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities divided by total assets less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities. Tangible book value per common share represents ending common shareholders' equity less goodwill and intangible assets (excluding MSRs), net of related deferred tax liabilities divided by ending common shares outstanding plus the number of common shares issued upon conversion of common equivalent shares. These measures are used to evaluate our use of equity (i.e., capital). In addition, profitability, relationship and investment models all use ROTE as key measures to support our overall growth goals.

The aforementioned supplemental data and performance measures are presented in Tables 6 and 7 and Statistical Tables XII and XIV. In addition, in Table 7 and Statistical Table XIV, we have excluded the impact of goodwill impairment charges of $\$ 12.4$ billion recorded in 2010 when presenting earnings and diluted earnings per common share, the efficiency ratio, return on average assets, return on average common shareholders' equity, return on average tangible common shareholders' equity and ROTE. Accordingly, these are non-GAAP measures. Statistical Tables XIII and XV provide reconciliations of these non-GAAP measures with financial measures defined by GAAP. We believe the use of these non-GAAP measures provides additional clarity in assessing the results of the Corporation. Other companies may define or calculate these measures and ratios differently.

## Table 7 Five Year Supplemental Financial Data

| (Dollars in millions, except per share information) | 2010 | 2009 | 2008 | 2007 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fully taxable-equivalent basis data |  |  |  |  |  |
| Net interest income | \$ 52,693 | \$ 48,410 | \$46,554 | \$36,190 | \$35,818 |
| Total revenue, net of interest expense | 111,390 | 120,944 | 73,976 | 68,582 | 74,000 |
| Net interest yield ${ }^{(1)}$ | 2.78\% | 2.65\% | 2.98\% | 2.60\% | 2.82\% |
| Efficiency ratio | 74.61 | 55.16 | 56.14 | 54.71 | 48.37 |

Performance ratios, excluding goodwill impairment charges ${ }^{(2)}$

| Per common share information | $\$$ |
| :--- | :---: |
| Earnings | 0.87 |
| $\quad$ Diluted earnings | 0.86 |
| Efficiency ratio | $63.48 \%$ |
| Return on average assets | 0.42 |
| Return on average common shareholders' equity | 4.14 |
| Return on average tangible common shareholders' equity | 7.03 |
| Return on average tangible shareholders' equity | 7.11 |

 2006.
${ }^{(2)}$ Performance ratios are calculated excluding the impact of goodwill impairment charges of $\$ 12.4$ billion recorded during 2010.

## Core Net Interest Income

We manage core net interest income which is reported net interest income on a FTE basis adjusted for the impact of market-based activities. As discussed in the GBAM business segment section beginning on page 49, we evaluate our market-based results and strategies on a total market-based revenue approach by combining net interest income and noninterest income for GBAM. In addition, 2009 is presented on a managed basis which is adjusted for loans that we originated and subsequently sold into credit card securitizations. Noninterest income, rather than net interest income and provision for credit
losses, was recorded for securitized assets as we are compensated for servicing the securitized assets and we recorded servicing income and gains or losses on securitizations, where appropriate. 2010 is presented in accordance with new consolidation guidance. An analysis of core net interest income, core average earning assets and core net interest yield on earning assets, all of which adjust for the impact of these two non-core items from reported net interest income on a FTE basis, is shown below. We believe the use of this non-GAAP presentation provides additional clarity in assessing our results.

Table 8 Core Net Interest Income

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ |  |  |
| As reported ${ }^{(2)}$ | \$ 52,693 | \$ 48,410 |
| Impact of market-based net interest income ${ }^{(3)}$ | $(4,430)$ | $(6,117)$ |
| Core net interest income | 48,263 | 42,293 |
| Impact of securitizations ${ }^{(4)}$ | n/a | 10,524 |
| Core net interest income | 48,263 | 52,817 |
| Average earning assets |  |  |
| As reported | 1,897,573 | 1,830,193 |
| Impact of market-based earning assets ${ }^{(3)}$ | $(504,360)$ | $(481,376)$ |
| Core average earning assets | 1,393,213 | 1,348,817 |
| Impact of securitizations ${ }^{(5)}$ | n/a | 83,640 |
| Core average earning assets | 1,393,213 | 1,432,457 |
| Net interest yield contribution ${ }^{(1)}$ |  |  |
| As reported ${ }^{(2)}$ | 2.78\% | 2.65\% |
| Impact of market-based activities ${ }^{(3)}$ | 0.68 | 0.49 |
| Core net interest yield on earning assets | 3.46 | 3.14 |
| Impact of securitizations | n/a | 0.55 |
| Core net interest yield on earning assets | 3.46\% | 3.69\% |

${ }^{(1)}$ FTE basis
${ }^{(2)}$ Balance and calculation include fees earned on overnight deposits placed with the Federal Reserve of $\$ 368$ million and $\$ 379$ million for 2010 and 2009.
${ }^{(3)}$ Represents the impact of market-based amounts included in GBAM.
${ }^{(4)}$ Represents the impact of securitizations utilizing actual bond costs which is different from the business segment view which utilizes funds transfer pricing methodologies.
${ }^{(5)}$ Represents average securitized loans less accrued interest receivable and certain securitized bonds retained.
$\mathrm{n} / \mathrm{a}=$ not applicable

Core net interest income decreased $\$ 4.6$ billion to $\$ 48.3$ billion for 2010 compared to 2009. The decrease was driven by lower loan levels compared to managed loan levels in 2009, and lower yields for the discretionary and credit card portfolios. These impacts were partially offset by lower rates on deposits.

Core average earning assets decreased $\$ 39.2$ billion to $\$ 1.4$ trillion for 2010 compared to 2009. The decrease was primarily due to lower
commercial loan levels and lower consumer loan levels compared to managed consumer loan levels in 2009. The impact was partially offset by increased securities levels in 2010.

Core net interest yield decreased 23 bps to 3.46 percent for 2010 compared to 2009 due to the factors noted above.

## Business Segment Operations

## Segment Description and Basis of Presentation

We report the results of our operations through six business segments: Deposits, Global Card Services, Home Loans \& Insurance, Global Commercial Banking, GBAM and GWIM, with the remaining operations recorded in All Other. Effective January 1, 2010, we realigned the Global Corporate and Investment Banking portion of the former Global Banking segment with the former Global Markets business segment to form GBAM and to reflect Global Commercial Banking as a standalone segment. Prior period amounts have been reclassified to conform to current period presentation.

We prepare and evaluate segment results using certain non-GAAP methodologies and performance measures, many of which are discussed in Supplemental Financial Data beginning on page 40. In addition, return on average tangible shareholders' equity for the segments is calculated as net income, excluding goodwill impairment charges, divided by average allocated equity less goodwill and a percentage of intangible assets (excluding MSRs). We begin by evaluating the operating results of the segments which by definition exclude merger and restructuring charges.

The management accounting and reporting process derives segment and business results by utilizing allocation methodologies for revenue and expense. The net income derived for the businesses is dependent upon revenue and cost allocations using an activity-based costing model, funds transfer pricing, and other methodologies and assumptions management believes are appropriate to reflect the results of the business.

Total revenue, net of interest expense, includes net interest income on a FTE basis and noninterest income. The adjustment of net interest income to a FTE basis results in a corresponding increase in income tax expense. The segment results also reflect certain revenue and expense methodologies that are utilized to determine net income. For presentation purposes, in segments where the total of liabilities and equity exceeds assets, which are generally deposit-taking segments, we allocate assets to match liabilities. The net interest income of the businesses includes the results of a funds transfer pricing
process that matches assets and liabilities with similar interest rate sensitivity and maturity characteristics. Net interest income of the business segments also includes an allocation of net interest income generated by our ALM activities.

Our ALM activities include an overall interest rate risk management strategy that incorporates the use of interest rate contracts to manage fluctuations in earnings that are caused by interest rate volatility. Our goal is to manage interest rate sensitivity so that movements in interest rates do not significantly adversely affect net interest income. Our ALM activities are allocated to the business segments and fluctuate based on performance. ALM activities include external product pricing decisions including deposit pricing strategies, the effects of our internal funds transfer pricing process and the net effects of other ALM activities.

Certain expenses not directly attributable to a specific business segment are allocated to the segments. The most significant of these expenses include data and item processing costs and certain centralized or shared functions. Data processing costs are allocated to the segments based on equipment usage. Item processing costs are allocated to the segments based on the volume of items processed for each segment. The costs of certain centralized or shared functions are allocated based on methodologies that reflect utilization.

Equity is allocated to business segments and related businesses using a risk-adjusted methodology incorporating each segment's credit, market, interest rate, strategic and operational risk components. The nature of these risks is discussed further beginning on page 63. We benefit from the diversification of risk across these components which is reflected as a reduction to allocated equity for each segment. The total amount of average equity reflects both risk-based capital and the portion of goodwill and intangibles specifically assigned to the business segments.

For more information on selected financial information for the business segments and reconciliations to consolidated total revenue, net income (loss) and year-end total assets, see Note 26 - Business Segment Information to the Consolidated Financial Statements.

| (Dollars in millions) | 2010 |  | 2009 |  | \% Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ | 8,128 |  | 7,089 | 15\% |
| Noninterest income: |  |  |  |  |  |
| Service charges |  | 5,058 |  | 6,796 | (26) |
| All other income (loss) |  | (5) |  | 5 | $\mathrm{n} / \mathrm{m}$ |
| Total noninterest income |  | 5,053 |  | 6,801 | (26) |
| Total revenue, net of interest expense |  | 13,181 |  | 13,890 | (5) |
| Provision for credit losses |  | 201 |  | 343 | (41) |
| Noninterest expense |  | 10,831 |  | 9,501 | 14 |
| Income before income taxes |  | 2,149 |  | 4,046 | (47) |
| Income tax expense ${ }^{(1)}$ |  | 797 |  | 1,470 | (46) |
| Net income | \$ | 1,352 |  | 2,576 | (48) |
| Net interest yield ${ }^{(1)}$ |  | 1.99\% |  | 1.75\% |  |
| Return on average equity |  | 5.58 |  | 10.92 |  |
| Return on average tangible shareholders' equity |  | 21.70 |  | 46.00 |  |
| Efficiency ratio ${ }^{(1)}$ |  | 82.17 |  | 68.40 |  |
| Balance Sheet |  |  |  |  |  |
| Average |  |  |  |  |  |
| Total earning assets |  | 409,359 |  | 405,104 | 1\% |
| Total assets |  | 435,994 |  | 431,564 | 1 |
| Total deposits |  | 411,001 |  | 406,823 | 1 |
| Allocated equity |  | 24,204 |  | 23,594 | 3 |
| Year end |  |  |  |  |  |
| Total earning assets |  | 403,926 |  | 417,713 | (3)\% |
| Total assets |  | 432,334 |  | 444,612 | (3) |
| Total deposits |  | 406,856 |  | 419,583 | (3) |
| Allocated equity |  | 24,273 |  | 24,186 | - |

(1) FTE basis
$\mathrm{n} / \mathrm{m}=$ not meaningful

Deposits includes the results of consumer deposit activities which consist of a comprehensive range of products provided to consumers and small businesses. In addition, Deposits includes an allocation of ALM activities. In the U.S., we serve approximately 57 million consumer and small business relationships through a franchise that stretches coast to coast through 32 states and the District of Columbia utilizing our network of approximately 5,900 banking centers, 18,000 ATMs, nationwide call centers and leading online and mobile banking platforms.

At December 31, 2010, our active online banking customer base was 29.3 million subscribers compared to 29.6 million at December 31, 2009, and our active bill pay users paid $\$ 304.3$ billion of bills online during 2010 compared to $\$ 302.4$ billion in 2009.

Our deposit products include traditional savings accounts, money market savings accounts, CDs and IRAs, and noninterest- and interest-bearing checking accounts. Deposit products provide a relatively stable source of funding and liquidity. We earn net interest spread revenue from investing this liquidity in earning assets through client-facing lending and ALM activities. The revenue is allocated to the deposit products using our funds transfer pricing process which takes into account the interest rates and maturity characteristics of the deposits. Deposits also generates fees such as account service fees, nonsufficient funds fees, overdraft charges and ATM fees.

Deposits includes the net impact of migrating customers and their related deposit balances between GWIM and Deposits. For more information on the migration of customer balances, see GWIM beginning on page 52.

Regulation E became effective July 1, 2010 for new customers and August 16, 2010 for existing customers. These rules partially impacted the third quarter of 2010 and fully impacted the fourth quarter of 2010. In late 2009, we implemented changes in our overdraft policies which negatively
impacted revenue. These changes were intended to help customers limit overdraft fees. For more information on Regulation E, see Regulatory Matters beginning on page 60.

Net income fell $\$ 1.2$ billion, or 48 percent, to $\$ 1.4$ billion due to lower revenue and higher noninterest expense. Net interest income increased $\$ 1.0$ billion, or 15 percent, to $\$ 8.1$ billion as a result of a customer shift to more liquid products and continued pricing discipline, partially offset by a lower net interest income allocation related to ALM activities. Average deposits increased $\$ 4.2$ billion from a year ago due to the transfer of certain deposits from other client managed businesses and organic growth, partially offset by the expected run-off of higher-cost legacy Countrywide deposits.

Noninterest income fell $\$ 1.7$ billion, or 26 percent, to $\$ 5.1$ billion, primarily driven by the decline in service charges due to the implementation of Regulation E and the impact of our overdraft policy changes. The impact of Regulation E, which was in effect beginning in the third quarter and fully in effect in the fourth quarter of 2010, and overdraft policy changes, which were in effect for the full year of 2010, was a reduction in service charges during 2010 of approximately $\$ 1.7$ billion. In 2011, the incremental reduction to service charges related to Regulation E and overdraft policy changes is expected to be approximately $\$ 1.1$ billion, or a full-year impact of approximately $\$ 2.8$ billion, net of identified mitigation actions.

Noninterest expense increased $\$ 1.3$ billion, or 14 percent, to $\$ 10.8$ billion as a result of a higher proportion of costs associated with banking center sales and service efforts being aligned to Deposits from the other consumer segments and increased litigation expenses in 2010. Noninterest expense includes FDIC charges of $\$ 896$ million compared to $\$ 1.2$ billion during 2009 which included a special FDIC assessment.

| (Dollars in millions) | 2010 | $2009{ }^{(1)}$ | \% Change |
| :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(2)}$ | \$ 17,821 | \$ 19,972 | (11)\% |
| Noninterest income: |  |  |  |
| Card income | 7,658 | 8,553 | (10) |
| All other income | 142 | 521 | (73) |
| Total noninterest income | 7,800 | 9,074 | (14) |
| Total revenue, net of interest expense | 25,621 | 29,046 | (12) |
| Provision for credit losses | 12,648 | 29,553 | (57) |
| Goodwill impairment | 10,400 |  | n/m |
| All other noninterest expense | 6,953 | 7,726 | (10) |
| Loss before income taxes | $(4,380)$ | $(8,233)$ | 47 |
| Income tax expense (benefit) ${ }^{(2)}$ | 2,223 | $(2,972)$ | 175 |
| Net loss | \$ (6,603) | \$ $(5,261)$ | (26) |
| Net interest yield ${ }^{(2)}$ | 10.10\% | 9.43\% |  |
| Return on average tangible shareholders' equity | 22.50 | n/m |  |
| Efficiency ratio ${ }^{(2)}$ | 67.73 | 26.60 |  |
| Efficiency ratio, excluding goodwill impairment charge ${ }^{(2)}$ | 27.14 | 26.60 |  |
| Balance Sheet |  |  |  |
| Average |  |  |  |
| Total loans and leases | \$176,232 | \$211,981 | (17)\% |
| Total earning assets | 176,525 | 211,737 | (17) |
| Total assets | 181,766 | 228,438 | (20) |
| Allocated equity | 36,567 | 41,031 | (11) |
| Year end |  |  |  |
| Total loans and leases | \$167,367 | \$196,289 | (15)\% |
| Total earning assets | 168,224 | 196,046 | (14) |
| Total assets | 169,762 | 212,668 | (20) |
| Allocated equity | 27,490 | 42,842 | (36) |

${ }^{(1)}$ Prior year amounts are presented on a managed basis for comparative purposes. For information on managed basis, refer to Note 26-Business Segment Information to the Consolidated Financial Statements beginning on page 237 .
${ }^{(2)}$ FTE basis
$n / m=$ not meaningful

Global Card Services provides a broad offering of products including U.S. consumer and business card, consumer lending, international card and debit card to consumers and small businesses. We provide credit card products to customers in the U.S., Canada, Ireland, Spain and the U.K. We offer a variety of co-branded and affinity credit and debit card products and are one of the leading issuers of credit cards through endorsed marketing in the U.S. and Europe.

On February 22, 2010, the majority of the provisions of the CARD Act became effective and negatively impacted net interest income during 2010 due to restrictions on our ability to reprice credit cards based on risk and on card income due to restrictions imposed on certain fees. The 2010 full-year impact on revenue was approximately $\$ 1.5$ billion. For more information on the CARD Act, see Regulatory Matters beginning on page 60.

The Corporation reports its Global Card Services results in accordance with new consolidation guidance. Under this new consolidation guidance, we consolidated all credit card trusts on January 1, 2010. Accordingly, current year results are comparable to prior year results that are presented on a managed basis. For more information on managed basis, refer to Note 26 Business Segment Information to the Consolidated Financial Statements and for more information on the new consolidation guidance, refer to Balance Sheet Overview - Impact of Adopting New Consolidation Guidance beginning on page 33 and Note 8 - Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

As a result of the Financial Reform Act, which was signed into law on July 21, 2010, we believe that our debit card revenue in Global Card Services will be adversely impacted beginning in the third quarter of 2011. Based on 2010 volumes, our estimate of revenue loss due to the debit card interchange fee standards to be adopted under the Financial Reform Act was approximately $\$ 2.0$ billion annually. This estimate resulted in a $\$ 10.4$ billion goodwill impairment charge for Global Card Services. Depending on the final rulemaking under the Durbin Amendment, additional goodwill impairment may occur in Global Card Services. For additional information, refer to Regulatory

Matters - Debit Interchange Fees on page 61 and Complex Accounting Estimates beginning on page 111.

Global Card Services recorded a net loss of $\$ 6.6$ billion primarily due to the $\$ 10.4$ billion goodwill impairment charge in 2010. Excluding this charge, Global Card Services would have reported net income of $\$ 3.8$ billion compared to a net loss of $\$ 5.3$ billion in the prior year, primarily due to a decrease in provision for credit losses. Revenue decreased $\$ 3.4$ billion, or 12 percent, to $\$ 25.6$ billion, driven by lower average loans, reduced interest and fee income primarily resulting from the implementation of the CARD Act and the impact of recording an incremental reserve of $\$ 592$ million for future payment protection insurance claims in the U.K. that have not yet been asserted. For more information on payment protection insurance, refer to Note 14 -Commitments and Contingencies to the Consolidated Financial Statements.

Net interest income decreased $\$ 2.2$ billion, or 11 percent, to $\$ 17.8$ billion as average loans decreased $\$ 35.7$ billion partially offset by lower funding costs. The decline in average loans was due to the elevated level of net charge-offs and risk mitigation strategies that were implemented throughout the recent economic cycle.

Noninterest income decreased $\$ 1.3$ billion, or 14 percent, to $\$ 7.8$ billion driven by lower card income primarily due to the implementation of the CARD Act and the impact of recording a reserve related to future payment protection insurance claims. The decrease was partially offset by higher interchange income during 2010 and the gain on the sale of our MasterCard equity holdings.

Provision for credit losses improved $\$ 16.9$ billion due to lower delinquencies and bankruptcies as a result of the improved economic environment. This resulted in reserve reductions of $\$ 7.0$ billion in 2010 compared to reserve increases of $\$ 3.4$ billion in 2009. The prior year included a reserve addition due to maturing securitizations which had an unfavorable impact on the 2009 provision expense. In addition, net charge-offs declined $\$ 6.5$ billion in 2010 compared to 2009.

Excluding the goodwill impairment charge of $\$ 10.4$ billion, noninterest expense decreased $\$ 773$ million primarily driven by a higher proportion of costs associated with banking center sales and service efforts being aligned to Deposits from Global Card Services.

Home Loans \& Insurance

| (Dollars in millions) | 2010 | 2009 | \% Change |
| :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ 4,690 | \$ 4,975 | (6)\% |
| Noninterest income: |  |  |  |
| Mortgage banking income | 3,079 | 9,321 | (67) |
| Insurance income | 2,257 | 2,346 | (4) |
| All other income | 621 | 261 | 138 |
| Total noninterest income | 5,957 | 11,928 | (50) |
| Total revenue, net of interest expense | 10,647 | 16,903 | (37) |
| Provision for credit losses | 8,490 | 11,244 | (24) |
| Goodwill impairment | 2,000 | - | $\mathrm{n} / \mathrm{m}$ |
| All other noninterest expense | 13,163 | 11,705 | 12 |
| Loss before income taxes | $(13,006)$ | $(6,046)$ | (115) |
| Income tax benefit ${ }^{(1)}$ | $(4,085)$ | $(2,195)$ | (86) |
| Net loss | \$ (8,921) | \$ $(3,851)$ | (132) |
| Net interest yield ${ }^{(1)}$ | 2.52\% | 2.58\% |  |
| Efficiency ratio ${ }^{(1)}$ | 142.42 | 69.25 |  |
| Efficiency ratio, excluding goodwill impairment charge ${ }^{(1)}$ | 123.63 | 69.25 |  |
| Balance Sheet |  |  |  |
| Average |  |  |  |
| Total loans and leases | \$129,236 | \$130,519 | (1)\% |
| Total earning assets | 186,455 | 193,152 | (3) |
| Total assets | 226,352 | 230,123 | (2) |
| Allocated equity | 26,170 | 20,530 | 27 |
| Year end |  |  |  |
| Total loans and leases | \$122,935 | \$131,302 | (6)\% |
| Total earning assets | 173,033 | 188,349 | (8) |
| Total assets | 213,455 | 232,588 | (8) |
| Allocated equity | 23,542 | 27,148 | (13) |

${ }^{(1)}$ FTE basis
$\mathrm{n} / \mathrm{m}=$ not meaningful

Home Loans \& Insurance generates revenue by providing an extensive line of consumer real estate products and services to customers nationwide. Home Loans \& Insurance products are available to our customers through a retail network of 5,900 banking centers, mortgage loan officers in approximately 750 locations and a sales force offering our customers direct telephone and online access to our products. These products are also offered through our correspondent loan acquisition channels. On February 4, 2011, we announced that we are exiting the reverse mortgage origination business. In October 2010, we exited the first mortgage wholesale acquisition channel. These strategic changes were made to allow greater focus on our retail and correspondent channels.

Home Loans \& Insurance products include fixed and adjustable-rate firstlien mortgage loans for home purchase and refinancing needs, reverse mortgages, home equity lines of credit and home equity loans. First mortgage products are either sold into the secondary mortgage market to investors, while retaining MSRs and the Bank of America customer relationships, or are held on our balance sheet in All Other for ALM purposes. Home Loans \& Insurance is not impacted by the Corporation's first mortgage production retention decisions as Home Loans \& Insurance is compensated for the decision on a management accounting basis with a corresponding offset recorded in All Other. Funded home equity lines of credit and home equity loans are held on the Home Loans \& Insurance balance sheet. In addition, Home Loans \& Insurance offers property, casualty, life, disability and credit insurance.

On February 3, 2011, we announced that we had entered into an agreement to sell the lender-placed and voluntary property and casualty insurance assets and liabilities of Balboa Insurance Company (Balboa) and affiliated
entities for an upfront cash payment of approximately $\$ 700$ million, subject to certain closing and other adjustments, as well as additional future payments. Balboa is a wholly-owned subsidiary and part of Home Loans \& Insurance.

Home Loans \& Insurance includes the impact of transferring customers and their related loan balances between GWIM and Home Loans \& Insurance based on client segmentation thresholds. For more information on the migration of customer balances, see GWIM beginning on page 52.

Home Loans \& Insurance recorded a net loss of $\$ 8.9$ billion compared to a net loss of $\$ 3.9$ billion in 2009 primarily due to an increase of $\$ 4.9$ billion in representations and warranties provision and the $\$ 2.0$ billion goodwill impairment charge recorded in 2010, partially offset by a decline in provision for credit losses of $\$ 2.8$ billion. For additional information on representations and warranties, see Note 9-Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements and Representations and Warranties on page 56.

Provision for credit losses decreased $\$ 2.8$ billion to $\$ 8.5$ billion driven by improving portfolio trends which led to lower reserve additions, including those associated with the Countrywide PCI home equity portfolio.

Noninterest expense increased $\$ 3.5$ billion primarily due to the goodwill impairment charge, higher litigation expense and default-related and other loss mitigation expenses, partially offset by lower production expense and insurance losses.

See Complex Accounting Estimates - Goodwill and Intangible Assets beginning on page 114 and Note 10-Goodwill and Intangible Assets to the Consolidated Financial Statements for a discussion of the goodwill impairment charge for Home Loans \& Insurance.

## Mortgage Banking Income

Home Loans \& Insurance mortgage banking income is categorized into production and servicing income. Production income is comprised of revenue from the fair value gains and losses recognized on our interest rate lock commitments (IRLCs) and loans held-for-sale (LHFS), the related secondary market execution, and costs related to representations and warranties in the sales transactions along with other obligations incurred in the sales of mortgage loans. In addition, production income includes revenue, which is eliminated in All Other, for transfers of mortgage loans from Home Loans \& Insurance to the ALM portfolio related to the Corporation's mortgage production retention decisions.

Servicing income includes income earned in connection with servicing activities and MSR valuation adjustments, net of economic hedge activities. The costs associated with our servicing activities are included in noninterest expense.

Servicing activities include collecting cash for principal, interest and escrow payments from borrowers, disbursing customer draws for lines of credit and accounting for and remitting principal and interest payments to investors and escrow payments to third parties. Our home retention efforts are also part of our servicing activities, along with responding to customer inquiries and supervising foreclosures and property dispositions. In an effort to avoid foreclosure, Bank of America evaluates various workout options prior to foreclosure sale which has resulted in elongated default timelines. Our servicing agreements with certain loan investors require us to comply with usual and customary standards in the liquidation of delinquent mortgage loans. Our agreements with the GSEs provide timelines to complete the liquidation of delinquent loans. In instances where we fail to meet these timelines, our agreements provide the GSEs with the option to assess compensatory fees. In 2010, the Corporation recorded an expense of approximately $\$ 230$ million for estimated compensatory fees that it expects to be assessed by the GSEs as a result of foreclosure delays. Additionally, we may face demands and claims from private-label securitization investors concerning alleged breaches of customary servicing standards. For additional information on our servicing activities, see Recent Events - Certain Servicingrelated Issues beginning on page 38.

On October 18, 2010, Countrywide Home Loans Servicing, LP (which changed its name to BAC Home Loans Servicing, LP), a wholly-owned subsidiary of the Corporation, received a letter, in its capacity as servicer under certain pooling and servicing agreements for 115 private-label residential MBS securitizations (subsequently increased to 225 securitizations). The letter asserted breaches of certain servicing obligations. For additional information, see Recent Events - Private-label Residential Mortgage-backed Securities Matters on page 39.

The table below summarizes the components of mortgage banking income.

| Mortgage Banking Income |  |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| Production income: |  |  |
| Core production revenue | \$ 6,098 | \$ 7,352 |
| Representations and warranties provision | $(6,786)$ | $(1,851)$ |
| Total production income (loss) | (688) | 5,501 |
| Servicing income: |  |  |
| Servicing fees | 6,475 | 6,219 |
| Impact of customer payments ${ }^{(1)}$ | $(3,760)$ | $(4,491)$ |
| Fair value changes of MSRs, net of economic hedge results ${ }^{(2)}$ | 376 | 1,539 |
| Other servicing-related revenue | 676 | 553 |
| Total net servicing income | 3,767 | 3,820 |
| Total Home Loans \& Insurance mortgage banking income | 3,079 | 9,321 |
| Other business segments' mortgage banking loss ${ }^{(3)}$ | (345) | (530) |
| Total consolidated mortgage banking income | \$ 2,734 | \$ 8,791 |

${ }^{(1)}$ Represents the change in the market value of the MSR asset due to the impact of customer payments received during the year.
${ }^{(2)}$ Includes sale of MSRs.
${ }^{(3)}$ Includes the effect of transfers of mortgage loans from Home Loans \& Insurance to the ALM portfolio in All Other.

The production loss of $\$ 688$ million represented a decrease of $\$ 6.2$ billion as representations and warranties provision increased $\$ 4.9$ billion to $\$ 6.8$ billion which includes provision of $\$ 3.0$ billion related to the GSE agreements as well as adjustments to the representations and warranties liability for other loans sold directly to the GSEs and not covered by those agreements. Also contributing to the representations and warranties provision for the year was our continued evaluation of non-GSE exposure to repurchases and similar claims, which led to the determination that we have developed sufficient repurchase experience with certain non-GSE counterparties to record a liability related to existing and future projected claims from such counterparties. For additional information on representations and warranties, see Note 9-Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements, Recent Events - Representations and Warranties Liability on page 37 and Representations and Warranties beginning on page 56. In addition, core production revenue, which excludes representations and warranties provision, declined $\$ 1.3$ billion due to a decline in volume driven by a drop in the overall size of the mortgage market and a decline in market share.

Net servicing income remained relatively flat as lower MSR results, net of hedges, were offset by a lower impact of customer payments and higher fee income. For additional information on MSRs and the related hedge instruments, see Mortgage Banking Risk Management on page 110.

Home Loans \& Insurance Key Statistics

| (Dollars in millions, except as noted) | 2010 | 2009 |
| :---: | :---: | :---: |
| Loan production |  |  |
| Home Loans \& Insurance: |  |  |
| First mortgage | \$287,236 | \$354,506 |
| Home equity | 7,626 | 10,488 |
| Total Corporation ${ }^{(1)}$ : |  |  |
| First mortgage | 298,038 | 378,105 |
| Home equity | 8,437 | 13,214 |
| Year end |  |  |
| Mortgage servicing portfolio (in billions) ${ }^{(2)}$ | \$ 2,057 | \$ 2,151 |
| Mortgage loans serviced for investors (in billions) | 1,628 | 1,716 |
| Mortgage servicing rights: |  |  |
| Balance | 14,900 | 19,465 |
| Capitalized mortgage servicing rights (\% of loans serviced for investors) | 92bps | 113bps |

${ }^{(1)}$ In addition to loan production in Home Loans \& Insurance, the remaining first mortgage and home equity loan production is primarily in GWIM.
${ }^{(2)}$ Servicing of residential mortgage loans, home equity lines of credit, home equity loans and discontinued real estate mortgage loans.

First mortgage production in Home Loans \& Insurance was $\$ 287.2$ billion in 2010 compared to $\$ 354.5$ billion in 2009. The decrease of $\$ 67.3$ billion was primarily due to a drop in the overall size of the mortgage market driven by weaker market demand for both refinance and purchase transactions combined with a decrease in market share. Home equity production was $\$ 7.6$ billion in 2010 compared to $\$ 10.5$ billion in 2009. The decrease of $\$ 2.9$ billion was primarily due to more stringent underwriting guidelines for home equity lines of credit and loans as well as lower consumer demand.

At December 31, 2010, the consumer MSR balance was $\$ 14.9$ billion, which represented 92 bps of the related unpaid principal balance compared to $\$ 19.5$ billion, or 113 bps of the related unpaid principal balance at December 31, 2009. The decrease in the consumer MSR balance was driven by the impact of declining mortgage rates partially offset by the addition of new MSRs recorded in connection with sales of loans. In addition, elevated servicing costs, due to higher personnel expenses associated with defaultrelated servicing activities, reduced expected cash flows. These factors together resulted in the 21 bps decrease in capitalized MSRs as a percentage of loans serviced.

| (Dolars in millions) | 2010 |  | 2009 |  | \% Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ | 8,086 | \$ | 8,054 | -\% |
| Noninterest income: |  |  |  |  |  |
| Service charges |  | 2,105 |  | 2,078 | 1 |
| All other income |  | 712 |  | 1,009 | (29) |
| Total noninterest income |  | 2,817 |  | 3,087 | (9) |
| Total revenue, net of interest expense |  | 10,903 |  | 11,141 | (2) |
| Provision for credit losses |  | 1,971 |  | 7,768 | (75) |
| Noninterest expense |  | 3,874 |  | 3,833 | 1 |
| Income (loss) before income taxes |  | 5,058 |  | (460) | $\mathrm{n} / \mathrm{m}$ |
| Income tax expense (benefit) ${ }^{(1)}$ |  | 1,877 |  | (170) | $\mathrm{n} / \mathrm{m}$ |
| Net income (loss) |  | 3,181 |  | (290) | $\mathrm{n} / \mathrm{m}$ |
| Net interest yield ${ }^{(1)}$ |  | 2.94\% |  | 3.19\% |  |
| Return on average tangible shareholders' equity |  | 15.20 |  | $\mathrm{n} / \mathrm{m}$ |  |
| Return on average equity |  | 7.64 |  | $\mathrm{n} / \mathrm{m}$ |  |
| Efficiency ratio ${ }^{(1)}$ |  | 35.52 |  | 34.40 |  |
| Balance Sheet |  |  |  |  |  |
| Average |  |  |  |  |  |
| Total loans and leases |  | 203,339 |  | 229,102 | (11)\% |
| Total earning assets |  | 275,356 |  | 252,309 | 9 |
| Total assets |  | 306,302 |  | 283,936 | 8 |
| Total deposits |  | 148,565 |  | 129,832 | 14 |
| Allocated equity |  | 41,624 |  | 41,931 | (1) |
| Year end |  |  |  |  |  |
| Total loans and leases |  | 193,573 |  | 215,237 | (10)\% |
| Total earning assets |  | 277,551 |  | 264,855 | 5 |
| Total assets |  | 310,131 |  | 295,947 | 5 |
| Total deposits |  | 161,260 |  | 147,023 | 10 |
| Allocated equity |  | 40,607 |  | 42,975 | (6) |

${ }^{(1)}$ FTE basis
$\mathrm{n} / \mathrm{m}=$ not meaningful

Global Commercial Banking provides a wide range of lending-related products and services, integrated working capital management and treasury solutions to clients through our network of offices and client relationship teams along with various product partners. Our clients include business banking and middle-market companies, commercial real estate firms and governments, and are generally defined as companies with annual sales up to $\$ 2$ billion. Our lending products and services include commercial loans and commitment facilities, real estate lending, asset-based lending and indirect consumer loans. Our capital management and treasury solutions include treasury management, foreign exchange and short-term investing options.

Global Commercial Banking recorded 2010 net income of $\$ 3.2$ billion compared to a 2009 net loss of $\$ 290$ million, with the improvement driven by lower credit costs.

Net interest income remained relatively flat as growth in average deposits from our existing clients of $\$ 18.7$ billion, or 14 percent, was offset by a lower net interest income allocation related to ALM activities. In addition, net interest income benefited from credit pricing discipline, which negated the impact of the $\$ 25.8$ billion, or 11 percent, decline in average loan balances.

Noninterest income decreased $\$ 270$ million, or nine percent, largely due to additional costs related to our agreement to purchase certain retail automotive loans. For further information, see Note 14-Commitments and Contingencies to the Consolidated Financial Statements.

The provision for credit losses decreased $\$ 5.8$ billion to $\$ 2.0$ billion for 2010 compared to 2009. The decrease was driven by improvements primarily in the commercial real estate portfolios reflecting stabilizing values and in the
U.S. commercial portfolio resulting from improved borrower credit profiles. Additionally, all other portfolios experienced lower net charge-offs attributable to more stable economic conditions.

## Global Commercial Banking Revenue

Global Commercial Banking revenues can also be categorized as treasury services revenue primarily from capital and treasury management, and business lending revenue derived from credit related products and services. Treasury services revenue for 2010 was $\$ 4.3$ billion, an increase of $\$ 62$ million compared to 2009. Revenue growth was driven by net interest income from increased deposits, partially offset by lower treasury service charges. As clients manage through current economic conditions, we have seen usage of certain treasury services decline and increased conversion of paper to electronic services. These actions combined with our clients leveraging compensating balances to offset fees have decreased treasury service charges. Business lending revenue for 2010 was $\$ 6.6$ billion, a decrease of $\$ 299$ million compared to 2009, largely due to additional costs related to our agreement to purchase certain retail automotive loans. Despite client deleveraging in the first half of 2010 and continued low loan demand, commercial and industrial loan balances began to stabilize and show moderate growth during the latter part of 2010. Commercial real estate loan balances declined due to continued client deleveraging and our management of nonperforming loans. Credit pricing discipline negated the impact of the decline in average loan balances on net interest income.

| (Dollars in millions) | 2010 | 2009 | \% Change |
| :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ 7,989 | \$ 9,553 | (16)\% |
| Noninterest income: |  |  |  |
| Service charges | 2,126 | 2,044 | 4 |
| Investment and brokerage services | 2,441 | 2,662 | (8) |
| Investment banking income | 5,408 | 5,927 | (9) |
| Trading account profits | 9,689 | 11,803 | (18) |
| All other income | 845 | 634 | 33 |
| Total noninterest income | 20,509 | 23,070 | (11) |
| Total revenue, net of interest expense | 28,498 | 32,623 | (13) |
| Provision for credit losses | (155) | 1,998 | (108) |
| Noninterest expense | 18,038 | 15,921 | 13 |
| Income before income taxes | 10,615 | 14,704 | (28) |
| Income tax expense ${ }^{(1)}$ | 4,296 | 4,646 | (8) |
| Net income | \$ 6,319 | \$ 10,058 | (37) |
| Return on average equity | 12.01\% | 20.32\% |  |
| Return on average tangible shareholders' equity | 15.05 | 25.82 |  |
| Efficiency ratio ${ }^{(1)}$ | 63.30 | 48.80 |  |
| Balance Sheet |  |  |  |
| Average |  |  |  |
| Total trading-related assets | \$499,433 | \$508,163 | (2)\% |
| Total loans and leases | 98,604 | 110,811 | (11) |
| Total market-based earning assets | 504,360 | 481,376 | 5 |
| Total earning assets | 598,613 | 588,252 | 2 |
| Total assets | 758,958 | 778,870 | (3) |
| Total deposits | 109,792 | 104,868 | 5 |
| Allocated equity | 52,604 | 49,502 | 6 |
| Year end |  |  |  |
| Total trading-related assets | \$413,563 | \$410,755 | 1\% |
| Total loans and leases | 100,010 | 95,930 | 4 |
| Total market-based earning assets | 416,174 | 404,315 | 3 |
| Total earning assets | 509,269 | 498,765 | 2 |
| Total assets | 655,535 | 649,876 | 1 |
| Total deposits | 111,447 | 102,093 | 9 |
| Allocated equity | 49,054 | 53,260 | (8) |

${ }^{(1)}$ FTE basis
GBAM provides financial products, advisory services, financing, securities clearing, settlement and custody services globally to our institutional investor clients in support of their investing and trading activities. We also work with our commercial and corporate clients to provide debt and equity underwriting and distribution capabilities, merger-related and other advisory services, and risk management products using interest rate, equity, credit, currency and commodity derivatives, foreign exchange, fixed-income and mortgage-related products. As a result of our market-making activities in these products, we may be required to manage positions in government securities, equity and equity-linked securities, high-grade and high-yield corporate debt securities, commercial paper, MBS and asset-backed securities (ABS). Underwriting debt and equity issuances, securities research and certain market-based activities are executed through our global broker/dealer affiliates which are our primary dealers in several countries. GBAM is a leader in the global distribution of fixed-income, currency and energy commodity products and derivatives. GBAM also has one of the largest equity trading operations in the world and is a leader in the origination and distribution of equity and equity-related products. Our corporate banking services provide a wide range of lendingrelated products and services, integrated working capital management and treasury solutions to clients through our network of offices and client relationship teams along with various product partners. Our corporate clients are generally defined as companies with annual sales greater than $\$ 2$ billion.

GBAM also includes the results of our merchant processing joint venture, Banc of America Merchant Services, LLC.

In 2009, we entered into a joint venture agreement with First Data Corporation (First Data) to form Banc of America Merchant Services, LLC. The joint venture provides payment solutions, including credit, debit and prepaid cards, and check and e-commerce payments to merchants ranging from small businesses to corporate and commercial clients worldwide. In addition to Bank of America and First Data, the remaining stake was initially held by a third party. During 2010, the third party sold its interest to the joint venture, thus increasing the Corporation's ownership interest in the joint venture to 49 percent. For additional information on the joint venture agreement, see Note 5 -Securities to the Consolidated Financial Statements.

Net income decreased $\$ 3.7$ billion to $\$ 6.3$ billion due to a $\$ 4.1$ billion decline in revenues and an increase in noninterest expenses of $\$ 2.1$ billion. This was partially offset by lower provision expense reflecting improvement in borrower credit profiles. Additionally, income tax expense was negatively affected from a change in the U.K. corporate income tax rate that impacted the carrying value of the deferred tax asset by approximately $\$ 390$ million.

Net interest income decreased $\$ 1.6$ billion to $\$ 8.0$ billion due to tighter spreads on trading related assets and lower average loan and lease balances, partially offset by higher earned spreads on deposits. The $\$ 12.2$ billion, or 11 percent, decline in average loans and leases was driven by reduced client demand. Net interest income is comprised of both markets-based revenue
from our trading activities and banking-based revenue which is related to our credit and treasury service products.

Noninterest income decreased $\$ 2.6$ billion due in part to the prior year gain of $\$ 3.8$ billion related to the contribution of the merchant processing business to the joint venture. While overall sales and trading revenue were flat year-over-year, the market in 2009 was more favorable but results were muted by losses on legacy positions. Noninterest expense increased $\$ 2.1$ billion driven mainly by higher compensation costs from investments in infrastructure, professional fees and litigations expense.

## Components of Global Banking \& Markets

## Sales and Trading Revenue

Sales and trading revenue is segregated into fixed-income including investment and non-investment grade corporate debt obligations, commercial mort-gage-backed securities (CMBS), RMBS and CDOs; currencies including interest rate and foreign exchange contracts; commodities including primarily futures, forwards, swaps and options; and equity income from equity-linked derivatives and cash equity activity.

|  |  |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| Sales and trading revenue $^{(1,2)}$ |  |  |
| $\quad$ Fixed income, currencies and commodities (FICC) | $\$ 13,158$ | $\$ 12,723$ |
| Equity income | $\mathbf{4 , 1 4 5}$ | 4,902 |
| Total sales and trading revenue |  | $\$ 17,303$ |

${ }^{(1)}$ Includes $\$ 274$ million and $\$ 353$ million of net interest income on a FTE basis for 2010 and 2009.
${ }^{(2)}$ Includes $\$ 2.4$ billion and $\$ 2.6$ billion of investment and brokerage services revenue for 2010 and 2009.
Sales and trading revenue decreased $\$ 322$ million, or two percent, to $\$ 17.3$ billion in 2010 compared to 2009 due to increased investor risk aversion and more favorable market conditions in the prior year. We recorded net credit spread gains on derivative liabilities during 2010 of $\$ 242$ million compared to losses of $\$ 801$ million in 2009.

FICC revenue increased $\$ 435$ million to $\$ 13.2$ billion due to significantly lower market disruption charges, partially offset by lower revenue in our rates and currencies, commodities and credit products due to diminished client activity and European debt deterioration. Gains on legacy assets, primarily in trading account profits (losses) and other income (loss), were \$321 million for 2010 compared to write-downs of $\$ 3.8$ billion in 2009. Legacy losses in the prior year were primarily driven by our CMBS, CDO and leveraged finance exposure.

Equity income was $\$ 4.1$ billion in 2010 compared to $\$ 4.9$ billion in 2009 driven by a decline in client flows and market conditions in the derivatives business.

## Investment Banking Income

Product specialists within GBAM underwrite and distribute debt and equity issuances and certain other loan products, and provide advisory services. To provide a complete discussion of our consolidated investment banking income, the table below presents total investment banking income for the Corporation of which, 93 percent in 2010 and 94 percent in 2009 is recorded in GBAM with the remainder reported in GWIM and Global Commercial Banking.

|  |  |  |
| :--- | ---: | ---: |
| (Dollars in millions) | $\mathbf{2 0 1 0}$ | 2009 |
| Investment banking income |  |  |
| Advisory ${ }^{(1)}$ | $\mathbf{\$ 1 , 0 1 9}$ | $\$ 1,167$ |
| Debt issuance | 3,267 | 3,124 |
| Equity issuance | $\mathbf{1 , 4 9 9}$ | 1,964 |
|  | 5,785 | 6,255 |
| Offset for intercompany fees $^{(2)}$ | $(\mathbf{2 6 5})$ | $(704)$ |
| Total investment banking income | $\$ 5,520$ | $\$ 5,551$ |

${ }^{(1)}$ Advisory includes fees on debt and equity advisory services and mergers and acquisitions.
${ }^{(2)}$ Represents the offset to fees paid on the Corporation's transactions.
Equity issuance fees decreased $\$ 465$ million in 2010 primarily reflecting lower levels of industry-wide activity and a decline in market-based revenue pools. Debt issuance fees increased $\$ 143$ million consistent with a five percent increase in global fee pools in 2010. Strong performance within debt issuance was mainly driven by higher revenues within leveraged finance. Advisory fees decreased $\$ 148$ million during 2010.

## Global Corporate Banking

Client relationship teams along with product partners work with our customers to provide them with a wide range of lending-related products and services, integrated working capital management and treasury solutions through the Corporation's global network of offices. Global Corporate Banking lending revenues of $\$ 3.4$ billion for 2010 increased $\$ 567$ million compared to 2009. The increase in 2010 is primarily due to higher fees and the negative impact of hedge results in 2009. Treasury services revenue of $\$ 2.8$ billion for 2010 decreased $\$ 3.9$ billion primarily due to a $\$ 3.8$ billion pre-tax gain in the prior year related to the contribution of the merchant processing business to a joint venture. Equity investment income from the joint venture was $\$ 133$ million for 2010. During 2010, we sold our trust administration business and in connection with the sale provided certain commitments to the acquirer. See Note 14-Commitments and Contingencies to the Consolidated Financial Statements for additional information.

## Collateralized Debt Obligation Exposure

CDO vehicles hold diversified pools of fixed-income securities and issue multiple tranches of debt securities including commercial paper, mezzanine and equity securities. Our CDO-related exposure can be divided into funded and unfunded super senior liquidity commitment exposure, other super senior exposure (i.e., cash positions and derivative contracts), warehouse, and sales and trading positions. For more information on our CDO positions, see Note 8-Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements. Super senior exposure represents the most senior class of commercial paper or notes that are issued by the CDO vehicles. These financial instruments benefit from the subordination of all other securities issued by the CDO vehicles.

In 2010, we incurred $\$ 573$ million of losses resulting from our CDOrelated exposure compared to $\$ 2.2$ billion in CDO-related losses in 2009. This included $\$ 357$ million in 2010 related to counterparty risk on our CDO-related exposure compared to $\$ 910$ million in 2009. Also included in these losses were other-than-temporary impairment (OTTI) write-downs of $\$ 251$ million in 2010 compared to losses of $\$ 1.2$ billion in 2009 related to CDOs and retained positions classified as AFS debt securities.

As presented in the table below, at December 31, 2010, our hedged and unhedged super senior CDO exposure before consideration of insurance, net of write-downs, was $\$ 2.0$ billion compared to $\$ 3.6$ billion at December 31, 2009.

Super Senior Collateralized Debt Obligation Exposure

| (Dollars in millions) | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Subprime ${ }^{(1)}$ | Retained Positions | Total Subprime | Non-Subprime ${ }^{(2)}$ | Total |
| Unhedged | \$ 721 | \$156 | \$ 877 | \$338 | \$1,215 |
| Hedged ${ }^{(3)}$ | 583 | - | 583 | 189 | 772 |
| Total | \$1,304 | \$156 | \$1,460 | \$527 | \$1,987 |

${ }^{(1)}$ Classified as subprime when subprime consumer real estate loans make up at least 35 percent of the original net exposure value of the underlying collateral.
${ }^{(2)}$ Includes highly-rated collateralized loan obligations and CMBS super senior exposure.
${ }^{(3)}$ Hedged amounts are presented at carrying value before consideration of the insurance.

We value our CDO structures using market-standard models to model the specific collateral composition and cash flow structure of each deal. Key inputs to the models are prepayment rates, default rates and severities for each collateral type, and other relevant contractual features. Unrealized losses recorded in accumulated OCl on super senior cash positions and retained positions from liquidated CDOs in aggregate decreased $\$ 382$ million during 2010 to $\$ 466$ million at December 31, 2010.

At December 31, 2010, total super senior exposure of $\$ 2.0$ billion was marked at 18 percent, including $\$ 156$ million of retained positions from
liquidated CDOs marked at 42 percent, $\$ 527$ million of non-subprime exposure marked at 39 percent and the remaining $\$ 1.3$ billion of subprime exposure marked at 14 percent of the original exposure amounts.

The table below presents our original total notional, mark-to-market receivable and credit valuation adjustment for credit default swaps and other positions with monolines. The receivable for super senior CDOs reflects hedge gains recorded from inception of the contracts in connection with write-downs on the super senior CDOs in the table above.

Credit Default Swaps with Monoline Financial Guarantors


Total monoline exposure, net of credit valuation adjustments, decreased $\$ 1.2$ billion during 2010. This decrease was driven by positive valuation adjustments on legacy assets and terminated monoline contracts.

## Other CDO Exposure

With the Merrill Lynch acquisition, we acquired a loan with a carrying value of $\$ 4.2$ billion as of December 31, 2010 that is collateralized by U.S. super senior ABS CDOs. Merrill Lynch originally provided financing to the borrower
for an amount equal to approximately 75 percent of the fair value of the collateral. The loan, which is recorded in All Other, has full recourse to the borrower and all scheduled payments on the loan have been received. Events of default under the loan are customary events of default, including failure to pay interest when due and failure to pay principal at maturity. Collateral for the loan is excluded from our CDO exposure discussions and the applicable tables.

| (Dollars in millions) | 2010 |  | 2009 |  | \% Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ | 5,831 | \$ | 5,988 | (3)\% |
| Noninterest income: |  |  |  |  |  |
| Investment and brokerage services |  | 8,832 |  | 8,425 | 5 |
| All other income |  | 2,008 |  | 1,724 | 16 |
| Total noninterest income |  | 10,840 |  | 10,149 | 7 |
| Total revenue, net of interest expense |  | 16,671 |  | 16,137 | 3 |
| Provision for credit losses |  | 646 |  | 1,061 | (39) |
| Noninterest expense |  | 13,598 |  | 12,397 | 10 |
| Income before income taxes |  | 2,427 |  | 2,679 | (9) |
| Income tax expense ${ }^{(1)}$ |  | 1,080 |  | 963 | 12 |
| Net income | \$ | 1,347 | \$ | 1,716 | (22) |
| Net interest yield ${ }^{(1)}$ |  | 2.37\% |  | 2.64\% |  |
| Return on average tangible shareholders' equity |  | 18.40 |  | 27.63 |  |
| Return on average equity |  | 7.44 |  | 10.35 |  |
| Efficiency ratio ${ }^{(1)}$ |  | 81.57 |  | 76.82 |  |
| Balance Sheet |  |  |  |  |  |
| Average |  |  |  |  |  |
| Total loans and leases |  | 99,491 |  | 103,384 | (4)\% |
| Total earning assets |  | 245,812 |  | 226,856 | 8 |
| Total assets |  | 266,638 |  | 249,887 | 7 |
| Total deposits |  | 236,350 |  | 225,979 | 5 |
| Allocated equity |  | 18,098 |  | 16,582 | 9 |
| Year end |  |  |  |  |  |
| Total loans and leases |  | 101,020 | \$ | 99,571 | 1\% |
| Total earning assets |  | 275,598 |  | 227,796 | 21 |
| Total assets |  | 297,301 |  | 250,963 | 18 |
| Total deposits |  | 266,444 |  | 224,839 | 19 |
| Allocated equity |  | 18,349 |  | 17,730 | 3 |

GWIM consists of three primary businesses: Merrill Lynch Global Wealth Management (MLGWM), U.S. Trust, Bank of America Private Wealth Management (U.S. Trust) and Retirement Services.

MLGWM's advisory business provides a high-touch client experience through a network of approximately 15,500 financial advisors focused on clients with more than $\$ 250,000$ in total investable assets. MLGWM also includes Merrill Edge, a new integrated investing and banking service which is targeted at clients with less than $\$ 250,000$ in total assets. Merrill Edge provides team-based investment advice and guidance, brokerage services, a self-directed online investing platform and key banking capabilities including access to the Corporation's branch network and ATMs. In addition, MLGWM includes the Private Banking \& Investments Group.
U.S. Trust, together with MLGWM's Private Banking \& Investments Group, provides comprehensive wealth management solutions targeted at wealthy and ultra-wealthy clients with investable assets of more than $\$ 5$ million, as well as customized solutions to meet clients' wealth structuring, investment management, trust and banking needs, including specialty asset management services.

Retirement Services partners with financial advisors to provide institutional and personal retirement solutions including investment management,
administration, recordkeeping and custodial services for 401(k), pension, profit-sharing, equity award and non-qualified deferred compensation plans. Retirement Services also provides comprehensive investment advisory services to individuals, small to large corporations and pension plans. Included in Retirement Services' results is the consolidation of a collective investment fund that did not have a significant impact on our consolidated results. For additional information, see Note 8 - Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

GWIM results also include the BofA Global Capital Management (BACM) business, which is comprised primarily of the cash and liquidity asset management business that Bank of America retained following the sale of the Columbia Management long-term asset management business on May 1, 2010. The historical results of Columbia Management's long-term asset management business were transferred to All Other along with the Corporation's economic ownership interest in BlackRock.

Revenue from MLGWM was $\$ 13.1$ billion, up four percent in 2010 compared to 2009. Revenue from U.S. Trust was $\$ 2.7$ billion, up five percent in 2010 compared to 2009. Revenue from Retirement Services was $\$ 950$ million, up four percent compared to 2009.

GWIM results include the impact of migrating clients and their related deposit and loan balances to or from Deposits, Home Loans \& Insurance and the ALM portfolio as presented in the table below. The directional shift of total deposits migrated was mainly due to client segmentation threshold changes. Subsequent to the date of migration, the associated net interest income, noninterest income and noninterest expense are recorded in the business to which the clients migrated.

## Migration Summary

| (Dollars in millions) | 2010 | 2009 |
| :--- | ---: | ---: |
| Average |  |  |
| Total deposits - GWIM from (to) Deposits |  |  |
| Total loans - GWIM to Home Loans \& Insurance and the | $\$ 3,086$ | $\$(30,638)$ |
| $\quad$ALM portfolio <br> Year end | $(1,405)$ | $(12,033)$ |
| Total deposits - GWIM from (to) Deposits <br> Total loans - GWIM to Home Loans \& Insurance and the <br> $\quad$ ALM portfolio | $\$ 7,232$ | $\$(42,521)$ |

Net income decreased $\$ 369$ million, or 22 percent, to $\$ 1.3$ billion driven in part by higher noninterest expense, the tax-related effect of the sale of the Columbia Management long-term asset management business and lower net interest income, partially offset by higher noninterest income and lower credit costs. Net interest income decreased $\$ 157$ million, or three percent, to $\$ 5.8$ billion as the positive impact of higher deposit levels was more than offset by lower revenue from corporate ALM activity. Noninterest income increased $\$ 691$ million, or seven percent, to $\$ 10.8$ billion primarily due to higher asset management fees driven by stronger markets, continued longterm assets under management flows and higher transactional activity. Provision for credit losses decreased $\$ 415$ million, or 39 percent, to $\$ 646$ million driven by stabilization of the portfolios and the recognition of a single large
commercial charge-off in 2009. Noninterest expense increased $\$ 1.2$ billion, or 10 percent, to $\$ 13.6$ billion driven by increases in revenue-related expenses, higher support costs and personnel costs associated with further investment in the business.

## Client Balances

The table below presents client balances which consist of assets under management, client brokerage assets, assets in custody, client deposits, and loans and leases.

## Client Balances by Type

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Assets under management | \$ 643,955 | \$ 749,851 |
| Client brokerage assets ${ }^{(1)}$ | 1,480,231 | 1,402,977 |
| Assets in custody | 126,203 | 144,012 |
| Client deposits | 266,444 | 224,839 |
| Loans and leases | 101,020 | 99,571 |
| Less: Client brokerage assets, assets in custody and deposits included in assets under management | $(379,310)$ | $(348,738)$ |
| Total client balances ${ }^{(2)}$ | \$2,238,543 | \$2,272,512 |

${ }^{(1)}$ Client brokerage assets include non-discretionary brokerage and fee-based assets.
${ }^{(2)} 2009$ balance includes the Columbia Management long-term asset management business representing $\$ 114.6$ billion, net of eliminations, which was sold on May 1, 2010.

The decrease in client balances was due to the sale of the Columbia Management long-term asset management business, outflows in MLGWM's non-fee based brokerage assets and outflows in BACM's money market assets due to the continued low rate environment, partially offset by higher market levels and inflows in client deposits, long-term assets under management (AUM) and fee-based brokerage assets.

## All Other

| (Dolars in millions) | 2010 |  | $2009{ }^{(2)}$ |  | \% Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(1)}$ | \$ | 148 | \$ | 2,029 | (93)\% |
| Noninterest income: |  |  |  |  |  |
| Card income |  | 2 |  | 1,138 | (100) |
| Equity investment income |  | 4,532 |  | 10,589 | (57) |
| Gains on sales of debt securities |  | 2,314 |  | 4,437 | (48) |
| All other loss |  | $(1,127)$ |  | $(5,590)$ | 80 |
| Total noninterest income |  | 5,721 |  | 10,574 | (46) |
| Total revenue, net of interest expense |  | 5,869 |  | 12,603 | (53) |
| Provision for credit losses |  | 4,634 |  | 8,002 | (42) |
| Merger and restructuring charges |  | 1,820 |  | 2,721 | (33) |
| All other noninterest expense |  | 2,431 |  | 2,909 | (16) |
| Loss before income taxes |  | $(3,016)$ |  | $(1,029)$ | (193) |
| Income tax benefit ${ }^{(1)}$ |  | $(4,103)$ |  | $(2,357)$ | (74) |
| Net income | \$ | 1,087 |  | 1,328 | (18) |


| Balance Sheet |  |  |  |
| :---: | :---: | :---: | :---: |
| Average |  |  |  |
| Total loans and leases | \$250,956 | \$260,755 | (4)\% |
| Total assets ${ }^{(3)}$ | 263,592 | 338,703 | (22) |
| Total deposits | 55,769 | 88,736 | (37) |
| Allocated equity | 33,964 | 51,475 | (34) |
| Year end |  |  |  |
| Total loans and leases | \$255,155 | \$250,868 | 2\% |
| Total assets ${ }^{(3)}$ | 186,391 | 233,293 | (20) |
| Total deposits | 38,162 | 65,434 | (42) |
| Allocated equity | 44,933 | 23,303 | 92 |

${ }^{(1)}$ FTE basis
 Consolidated Financial Statements.


The 2009 presentation above of All Other excludes the securitization offset to make it comparable with the 2010 presentation. In 2009, Global Card Services was presented on a managed basis with the difference between managed and held reported as the securitization offset. With the adoption of new consolidation guidance on January 1, 2010, we consolidated all credit card securitizations that were previously unconsolidated, such that All Other no longer includes the securitization offset. For additional information on the securitization offset included in All Other, see Note 26 - Business Segment Information to the Consolidated Financial Statements.

All Other, as presented above, consists of two broad groupings, Equity Investments and Other. Equity Investments includes Corporate Investments, Global Principal Investments and Strategic Investments. Other can be segregated into the following categories: liquidating businesses, merger and restructuring charges, ALM functions (i.e., residential mortgage portfolio and investment securities) and related activities (i.e., economic hedges, fair value option on structured liabilities), and the impact of certain allocation methodologies. For additional information on the other activities included in All Other, see Note 26 - Business Segment Information to the Consolidated Financial Statements.

The tables below present the components of All Other's equity investments at December 31, 2010 and 2009, and also a reconciliation of All Other's equity investment income to the total consolidated equity investment income for 2010 and 2009.

## Equity Investments

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Corporate Investments | \$ | \$ 2,731 |
| Global Principal Investments | 11,656 | 14,071 |
| Strategic and other investments | 22,545 | 27,838 |
| Total equity investments included in All Other | \$34,201 | \$44,640 |
| Equity Investment Income |  |  |
| (Dollars in millions) | 2010 | 2009 |
| Corporate Investments | \$ (293) | \$ (88) |
| Global Principal Investments | 2,304 | 1,222 |
| Strategic and other investments | 2,521 | 9,455 |
| Total equity investment income included in All Other | 4,532 | 10,589 |
| Total equity investment income included in the business segments | 728 | (575) |
| Total consolidated equity investment income | \$5,260 | \$10,014 |

In 2010, the $\$ 2.7$ billion Corporate Investments equity securities portfolio, which consisted of highly liquid publicly-traded equity securities, was sold as a result of a change in our investment portfolio objectives shifting more to interest earnings and reducing our exposure to equity market risk, which contributed to the $\$ 293$ million loss in 2010.

Global Principal Investments (GPI) is comprised of a diversified portfolio of investments in private equity, real estate and other alternative investments. These investments are made either directly in a company or held through a fund with related income recorded in equity investment income. GPI had unfunded equity commitments of $\$ 1.4$ billion and $\$ 2.5$ billion at December 31 , 2010 and 2009, related to certain of these investments. During 2010, we sold our exposure of $\$ 2.9$ billion in certain private equity funds, comprised of $\$ 1.5$ billion in funded exposure and $\$ 1.4$ billion in unfunded commitments in these funds as we continue to reduce our equity exposure.

Affiliates of the Corporation may, from time to time, act as general partner, fund manager and/or investment advisor to certain Corporation-sponsored real estate private equity funds. In this capacity, these affiliates manage and/or provide investment advisory services to such real estate private equity funds primarily for the benefit of third-party institutional and private clients. These activities, which are recorded in GPI, inherently involve risk to us and to the fund investors, and in certain situations may result in losses. In 2010, we recorded a loss of $\$ 163$ million related to a consolidated real estate private equity fund for which we were the general partner and investment advisor. In late 2010, the general partner and investment advisor responsibilities were transferred to an independent third-party asset manager.

Strategic Investments includes primarily our investment in CCB of $\$ 19.7$ billion as well as our $\$ 2.6$ billion remaining investment in BlackRock. At December 31, 2010, we owned approximately 10 percent, or 25.6 billion common shares of CCB. During 2010, we sold certain rights related to our investment in CCB resulting in a gain of $\$ 432$ million. Also during 2010, we sold our Itaú Unibanco and Santander equity investments resulting in a net gain of approximately $\$ 800$ million and a portion of our interest in BlackRock resulting in a gain of $\$ 91$ million.

All Other reported net income of $\$ 1.1$ billion in 2010 compared to $\$ 1.3$ billion in 2009 with the decline due to decreases in net interest income and noninterest income compared to the prior year. The decrease in net interest income was driven by a $\$ 1.4$ billion lower funding differential on certain securitizations and the impact of capital raises occurring throughout 2009 that were not allocated to the businesses. Noninterest income decreased $\$ 4.9$ billion, as the prior year included a $\$ 7.3$ billion gain resulting from sales of shares of CCB and an increase of $\$ 1.4$ billion on net gains on the sale of debt securities. This was offset by net negative fair value adjustments of $\$ 4.9$ billion on structured liabilities in 2009 compared to a net positive adjustment of $\$ 18$ million in 2010 and higher valuation adjustments and gains on sales of select investments in GPI. Also in 2010, we sold our investments in Itaú Unibanco and Santander resulting in a net gain of
approximately $\$ 800$ million, as well as the gains on CCB and BlackRock. For more information on the sales of these investments, see Note 5 - Securities to the Consolidated Financial Statements.

Provision for credit losses decreased $\$ 3.4$ billion to $\$ 4.6$ billion due to improving portfolio trends in the residential mortgage portfolio partially offset by further deterioration in the Countrywide purchased credit-impaired discontinued real estate portfolio.

The income tax benefit in 2010 was $\$ 4.1$ billion compared to $\$ 2.4$ billion in 2009, driven by an increase in the pre-tax loss as well as the release of a higher portion of a deferred tax asset valuation allowance.

During 2010, we completed the sale of First Republic at book value and as a result, we removed $\$ 17.4$ billion of loans and $\$ 17.8$ billion of deposits from the Corporation's Consolidated Balance Sheet.

## Off-Balance Sheet Arrangements and Contractual Obligations

We have contractual obligations to make future payments on debt and lease agreements. Additionally, in the normal course of business, we enter into contractual arrangements whereby we commit to future purchases of products or services from unaffiliated parties. Obligations that are legally binding agreements whereby we agree to purchase products or services with a specific minimum quantity defined at a fixed, minimum or variable price over a specified period of time are defined as purchase obligations. Included in purchase obligations are commitments to purchase loans of $\$ 2.6$ billion and vendor contracts of $\$ 7.1$ billion. The most significant vendor contracts include communication services, processing services and software contracts. Other long-term liabilities include our contractual funding obligations related to the Qualified Pension Plans, Non-U.S. Pension Plans, Nonqualified Pension Plans, and Postretirement Health and Life Plans (the Plans). Obligations to the Plans are based on the current and projected obligations of the Plans, performance of the Plans' assets and any participant contributions, if applicable. During 2010 and 2009, we contributed $\$ 378$ million and $\$ 414$ million to the Plans, and we expect to make at least $\$ 306$ million of contributions during 2011.

Debt, lease, equity and other obligations are more fully discussed in Note 13 - Long-term Debt and Note 14 - Commitments and Contingencies to the Consolidated Financial Statements. The Plans are more fully discussed in Note 19 - Employee Benefit Plans to the Consolidated Financial Statements.

We enter into commitments to extend credit such as loan commitments, standby letters of credit (SBLCs) and commercial letters of credit to meet the financing needs of our customers. For a summary of the total unfunded, or offbalance sheet, credit extension commitment amounts by expiration date, see the table in Note 14 -Commitments and Contingencies to the Consolidated Financial Statements.

Table 9 presents total long-term debt and other obligations at December 31, 2010.

Table 9 Long-term Debt and Other Obligations

|  | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Due in 1 Year or Less | Due after <br> 1 Year through 3 Years | Due after 3 Years through 5 Years | Due after 5 Years | Total |
| Long-term debt and capital leases | \$ 89,251 | \$138,603 | \$69,539 | \$151,038 | \$448,431 |
| Operating lease obligations | 3,016 | 4,716 | 2,894 | 6,624 | 17,250 |
| Purchase obligations | 5,257 | 2,490 | 1,603 | 1,077 | 10,427 |
| Time deposits | 181,280 | 17,548 | 4,752 | 4,178 | 207,758 |
| Other long-term liabilities | 696 | 1,047 | 770 | 1,150 | 3,663 |
| Total long-term debt and other obligations | \$279,500 | \$164,404 | \$79,558 | \$164,067 | \$687,529 |

## Representations and Warranties

We securitize first-lien residential mortgage loans generally in the form of MBS guaranteed by GSEs or the Government National Mortgage Association (GNMA) in the case of the Federal Housing Administration (FHA) insured and U.S. Department of Veterans Affairs (VA) guaranteed mortgage loans. In addition, in prior years, legacy companies and certain subsidiaries have sold pools of first-lien residential mortgage loans and home equity loans as privatelabel securitizations or in the form of whole loans. In connection with these transactions, we or our subsidiaries or legacy companies make or have made various representations and warranties. Breaches of these representations and warranties may result in the requirement to repurchase mortgage loans or to otherwise make whole or provide other remedy to a whole-loan buyer or securitization trust (collectively, repurchase claims). Our operations are currently structured to attempt to limit the risk of repurchase and accompanying credit exposure by seeking to ensure consistent production of mortgages in accordance with our underwriting procedures and by servicing those mortgages consistent with our contractual obligations.

The fair value of probable losses to be absorbed under the representations and warranties obligations and the guarantees is recorded as an accrued liability when the loans are sold. The liability for probable losses is updated by accruing a representations and warranties provision in mortgage banking income. This is done throughout the life of the loan as necessary when additional relevant information becomes available. The methodology used to estimate the liability for representations and warranties is a function of the representations and warranties given and considers a variety of factors, which include, depending on the counterparty, actual defaults, estimated future defaults, historical loss experience, estimated home prices, estimated probability that a repurchase request will be received, number of payments made by the borrower prior to default and estimated probability that a loan will be required to be repurchased. Historical experience also considers recent events such as the agreements with the GSEs on December 31, 2010 as discussed in the following section. Changes to any one of these factors could significantly impact the estimate of our liability. Given that these factors vary by counterparty, we analyze our representations and warranties obligations based on the specific counterparty with whom the sale was made. Although the timing and volume has varied, we have experienced in recent periods increasing repurchase and similar requests from buyers and insurers, including monolines. Generally the volume of unresolved repurchase claims from the FHA and VA for loans in GNMAguaranteed securities is not significant because the requests are limited in number and are typically resolved quickly. We expect that efforts to attempt to assert repurchase requests by monolines, whole-loan investors and privatelabel securitization investors may increase in the future. See Recent Events -Private-label Residential Mortgage-backed Securities Matters, on page 39 for additional information. We perform a loan-by-loan review of all properly presented repurchase claims and have and will continue to contest such demands that we do not believe are valid. In addition, we may reach a bulk settlement with a counterparty (in lieu of the loan-by-loan review process), on terms determined to be advantageous to the Corporation. Overall, disputes with respect to repurchase claims have increased with monoline insurers, whole-loan buyers and private-label securitization investors. For additional information, see Note 9-Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements.

At December 31, 2010, our total unresolved repurchase claims totaled approximately $\$ 10.7$ billion compared to $\$ 7.6$ billion at the end of 2009 . The liability for representations and warranties and corporate guarantees, is included in accrued expenses and other liabilities and the related provision is included in mortgage banking income. At December 31, 2010 and 2009, the liability was $\$ 5.4$ billion and $\$ 3.5$ billion. For 2010 and 2009, the provision for representations and warranties and corporate guarantees was $\$ 6.8$ billion and $\$ 1.9$ billion. The representations and warranties provision of $\$ 6.8$ billion, includes a provision of $\$ 3.0$ billion in the fourth quarter of 2010 related to the GSE agreements as well as adjustments to the representations and warranties liability for other loans sold directly to the GSEs and not covered by those agreements. Also contributing to the increase in representations and warranties provision for the year was our continued evaluation of exposure to non-GSE repurchases and similar claims, which led to the determination that we have developed sufficient repurchase experience with certain non-GSE counterparties to record a liability related to existing and future projected claims from such counterparties. Representations and warranties provision may vary significantly each period as the methodology used to estimate the expense continues to be refined based on the level and type of repurchase claims presented, defects identified, the latest experience gained on repurchase claims and other relevant facts and circumstances, which could have a material adverse impact on our earnings for any particular period.

## Government-sponsored Enterprises

During the last ten years, Bank of America and our subsidiaries have sold over $\$ 2.0$ trillion of loans to the GSEs and we have an established history of working with them on repurchase claims. Our experience with them continues to evolve and any disputes are generally related to areas such as the reasonableness of stated income, occupancy and undisclosed liabilities, and are typically focused on the 2004 through 2008 vintages. On December 31, 2010, we reached agreements with the GSEs and paid $\$ 2.8$ billion to the GSEs pursuant to such agreements, resolving repurchase claims involving certain residential mortgage loans sold directly to them by entities related to legacy Countrywide. As a result of these agreements, as well as adjustments to the representations and warranties liability for other loans sold directly to the GSEs and not covered by those agreements, we adjusted our liability for representations and warranties. For additional information regarding these agreements, see Note 9 -Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements.

Our current repurchase claims experience with the GSEs is predominantly concentrated in the 2004 through 2008 origination vintages where we believe that our exposure to representations and warranties liability is most significant. Our repurchase claims experience related to loans originated prior to 2004 has not been significant and we believe that the changes made to our operations and underwriting policies have reduced our exposure after 2008. The cumulative repurchase claims for 2007 exceed all other vintages. The volume of loans originated in 2007 was significantly higher than any other vintage which, together with the high delinquency level in this vintage, helps to explain the high level of repurchase claims compared to the other vintages.

${ }^{(1)}$ Exposure at default (EAD) represents the unpaid principal balance at the time of default or the unpaid principal balance as of December 31, 2010.

Bank of America and legacy Countrywide sold approximately $\$ 1.1$ trillion of loans originated from 2004 through 2008 to the GSEs. As of December 31, 2010, slightly less than 10 percent of the loans in these vintages have defaulted or are 180 days or more past due (severely delinquent). At least 25 payments have been made on approximately 55 percent of severely delinquent or defaulted loans. Through December 31, 2010, we have received approximately $\$ 21.6$ billion in repurchase claims associated with these vintages, representing approximately two percent of the loans sold to the GSEs in these vintages. Including the agreement reached with FNMA on December 31, 2010, we have resolved $\$ 18.2$ billion of these claims with a net loss experience of approximately 27 percent. The claims resolved and the loss rate do not include $\$ 839$ million in claims extinguished as a result of the
agreement with FHLMC due to the global nature of the agreement and, specifically, the absence of a formal apportionment of the agreement amount between current and future claims. Our collateral loss severity rate on approved repurchases has averaged approximately 45 to 55 percent. Although the level of repurchase claims from the GSEs has been elevated for the last few quarters, the agreements with the GSEs have resulted in a decrease in the total number of outstanding repurchase claims at December 31, 2010 compared to December 31, 2009. Based on the information derived from the historical GSE experience, including the GSE agreements discussed on the previous page, we believe we are 70 percent to 75 percent through the receipt of the GSE repurchase claims that we ultimately expect to receive.

The table below highlights our experience with the GSEs related to loans originated from 2004 through 2008.

Table 10 Overview of GSE Balances - 2004-2008 Originations


Our liability for obligations under representations and warranties given to the GSEs considers the recent agreements and their impact on the repurchase rates on future repurchase claims we might receive on loans that have defaulted or that we estimate will default. We believe that our remaining exposure to representations and warranties for loans sold directly to the GSEs has been accounted for as a result of these agreements and the associated adjustments to our recorded liability for representations and warranties for other loans sold directly to the GSEs and not covered by the agreements. We believe our predictive repurchase models, utilizing our historical repurchase experience with the GSEs while considering current developments, including the recent agreements, projections of future defaults as well as certain assumptions regarding economic conditions, home prices and other matters, allows us to reasonably estimate the liability for obligations under representations and warranties on loans sold to the GSEs. However, future provisions and possible loss or range of loss associated with representations and warranties made to the GSEs may be impacted if actual results are different from our assumptions regarding economic conditions, home prices and other matters.

## Transactions with Investors Other than Government-sponsored Entities

In prior years, legacy companies and certain subsidiaries have sold pools of first-lien mortgage loans and home equity loans as private-label securitizations or in the form of whole loans. The loans sold include prime loans, including loans with a loan balance in excess of the conforming loan limit, AltA, pay-option, home equity and subprime loans. Many of the loans sold in the form of whole loans were subsequently pooled with other mortgages into private-label securitizations issued or sponsored by the third-party buyer of the whole loans. In some of the private-label securitizations, monolines have insured all or some of the issued bonds or certificates. In connection with these securitizations and whole loan sales, we or our subsidiaries or our legacy companies made various representations and warranties. Breaches of these representations and warranties may result in the requirement to repurchase mortgage loans from or to otherwise make whole or provide other remedy to a whole-loan buyer or securitization trust.

As detailed in Table 11, legacy companies and certain subsidiaries sold loans originated from 2004 through 2008 with a principal balance of $\$ 963$ billion to investors other than GSEs, of which approximately $\$ 478$ billion in
principal has been paid and $\$ 216$ billion have defaulted, or are severely delinquent (i.e., 180 days or more past due) and are considered principal atrisk at December 31, 2010. As of December 31, 2010, we had received $\$ 13.7$ billion of repurchase claims on these 2004-2008 loan vintages, of which $\$ 6.0$ billion have been resolved and $\$ 7.7$ billion remain outstanding. Of the $\$ 7.7$ billion of repurchase claims that remain outstanding, we have reviewed $\$ 4.1$ billion that we have declined to repurchase. We have recognized losses of $\$ 1.7$ billion on the resolved repurchase claims, $\$ 631$ million of which relates to monolines and $\$ 1.1$ billion of which relates to whole loan and private-label investors, as described in more detail below.

As it relates to private investors, including those who have invested in private-label securitizations, a contractual liability to repurchase mortgage loans generally arises only if counterparties prove there is a breach of the representations and warranties that materially and adversely affects the interest of the investor or all investors in a securitization trust, or that there is a breach of other standards established by the terms of the related sale agreement. We believe that the longer a loan performs, the less likely an underwriting representations and warranties breach would have had a material impact on the loan's performance or that a breach even exists. Because the majority of the borrowers in this population would have made a significant amount of payments if they are not yet 180 days or more delinquent, we believe that the principal balance at the greatest risk for repurchase requests in this population of private-label investors is a combination of loans that have already defaulted and those that are currently 180 days or more past due. Additionally, the obligation to repurchase mortgage loans also requires that counterparties have the contractual right to demand repurchase of the loans. Based on a recent court ruling that dismissed a case against legacy Countrywide, we believe private-label securitization investors must generally aggregate 25 percent of the voting interests in each of the tranches of a particular securitization to instruct the securitization trustee to investigate potential repurchase claims. While a securitization trustee may elect to investigate or demand repurchase of loans on its own, individual investors typically have limited rights under the contracts to present repurchase claims directly. Also, the motivation of some private-label securitization investors to assert repurchase claims may be diminished by the fact that their investment is not materially impacted by the losses due to the credit enhancement coverage provided by cash flows from the tranches rated below AAA, for example.

Any amounts paid related to repurchase claims from a monoline are paid to the securitization trust and are applied in accordance with the terms of the
governing securitization documents, which may include use by the securitization trust to repay any outstanding monoline advances or reduce future advances from the monolines. To the extent that a monoline has not advanced funds or does not anticipate that it will be required to advance funds to the securitization trust, the likelihood of receiving a repurchase request from a monoline may be reduced as the monoline would receive limited or no benefit from the payment of repurchase claims. Moreover, some monolines are not
currently performing their obligations under the financial guaranty policies they issued which may, in certain circumstances, impact their ability to present repurchase claims.

Table 11 details the population of loans sold as whole-loans or in nonagency securitizations by entity and product together with the principal at-risk stratified by the number of payments the borrower made prior to default or becoming severely delinquent.

Table 11 Overview of Non-Agency Securitization and Whole Loan Balances - 2004-2008 Originations

${ }^{(1)}$ Includes $\$ 186$ billion of original principal balance related to transactions with monoline participation.
${ }^{(2)}$ Excludes transactions sponsored by Bank of America and Merrill Lynch where no representations or warranties were assumed.
${ }^{(3)}$ Includes exposures on third-party sponsored transactions related to legacy entity originations.

As of December 31, 2010, approximately 22 percent of the loans sold to non-GSEs that were originated from 2004 to 2008 have defaulted or are severely delinquent. As shown in Table 11, at least 25 payments have been made on approximately 58 percent of the loans included in principal at-risk. We believe many of the defaults observed in these securitizations have been, and continue to be, driven by external factors like the substantial depreciation in home prices, persistently high unemployment and other negative economic trends, diminishing the likelihood that any loan defect (assuming one exists at all) was the cause of the loan's default.

We believe the agreements for private-label securitizations generally contain less rigorous representations and warranties and generally impose higher burdens on investors seeking loan repurchases than the comparable agreements with the GSEs. For example, borrower fraud representations and warranties were generally not given in private-label securitizations. The following represent some of the typical private-label securitization transaction terms (which differ substantially from those provided in GSE transactions):

- Representation of material compliance with underwriting guidelines (which often explicitly permit exceptions).
- Few transactions contain a representation that there has been no fraud or material misrepresentation by a borrower or third party.
- Many representations include materiality qualifiers.
- Breach of representation must materially and adversely affect certificate holders' interest in the loan.
- No representation that the mortgage is of investment quality.
- Offering documents included extensive disclosures, including detailed risk factors, description of underwriting practices and guidelines, and loan attributes.
- Only parties to a pooling and servicing agreement (e.g., the trustee) can bring repurchase claims. Certificate holders cannot bring claims directly and do not have access to loan files. At least 25 percent of each tranche of certificate holders is generally required in order to direct a trustee to review
loan files for potential claims. In addition, certificate holders must bear costs of a trustee's loan file review.
- Repurchase liability is generally limited to the seller.

These factors lead us to believe that only a portion of the principal at-risk with respect to loans included in private-label securitizations will be the subject of a repurchase request and only a portion of those requests would ultimately result in a repurchase. Although our experience with non-GSE claims remains limited, we expect additional activity in this area going forward and that the volume of repurchase claims from monolines, whole-loan investors and investors in private-label securitizations could increase in the future. It is reasonably possible that future losses may occur, and our estimate is that the upper range of possible loss related to non-GSE sales could be $\$ 7$ billion to $\$ 10$ billion over existing accruals. This estimate does not represent a probable loss, is based on currently available information, significant judgment, and a number of assumptions that are subject to change. A significant portion of this estimate relates to loans originated through legacy Countrywide, and the repurchase liability is generally limited to the original seller of the loan. Future provisions and possible loss or range of loss may be impacted if actual results are different from our assumptions regarding economic conditions, home prices and other matters and may vary by counterparty. The resolution of the repurchase claims process with the non-GSE counterparties will likely be a protracted process, and we will vigorously contest any request for repurchase if we conclude that a valid basis for the repurchase claim does not exist.

The following discussion provides more detailed information related to non-GSE counterparties.

## Monoline Insurers

Legacy companies have sold $\$ 185.6$ billion of loans originated from 2004 through 2008 into monoline-insured securitizations, which are included in Table 11, including $\$ 106.2$ billion of first-lien mortgages and $\$ 79.4$ billion of
second-lien mortgages. Of these balances, $\$ 45.8$ billion of the first-lien mortgages and $\$ 48.5$ billion of the second-lien mortgages have paid off and $\$ 32.9$ billion of the first-lien mortgages and $\$ 14.5$ billion of the secondlien mortgages have defaulted or are severely delinquent and are considered principal at-risk at December 31, 2010. At least 25 payments have been made on approximately 52 percent of the loans included in principal at-risk. Of the first-lien mortgages sold, $\$ 41.0$ billion, or 39 percent, were sold as whole loans to other institutions which subsequently included these loans with those of other originators in private-label securitization transactions in which the monolines typically insured one or more securities. Through December 31, 2010, we have received $\$ 5.6$ billion of representations and warranties claims related to the monoline-insured transactions. Of these repurchase claims, $\$ 799$ million have been resolved, with losses of $\$ 631$ million. The majority of these resolved claims related to second-lien mortgages and $\$ 678$ million of these claims were resolved through repurchase or indemnification while $\$ 121$ million were rescinded by the investor or paid in full. At December 31, 2010, the unpaid principal balance of loans related to unresolved monoline repurchase requests was $\$ 4.8$ billion, including $\$ 3.0$ billion that have been reviewed where it is believed a valid defect has not been identified which would constitute an actionable breach of representations and warranties and $\$ 1.8$ billion that are in the process of review. We have had limited experience with most of the monoline insurers in the repurchase process, which has constrained our ability to resolve the open claims with such counterparties. Also, certain monoline insurers have instituted litigation against legacy Countrywide and Bank of America, which limits our relationship with such monoline insurers and ability to enter into constructive dialogue to resolve the open claims. It is not possible at this time to reasonably estimate future repurchase obligations with respect to those monolines with whom we have limited repurchase experience and, therefore, no liability has been recorded in connection with these monolines, other than a liability for repurchase requests that are in the process of review and repurchase requests where we have determined that there are valid loan defects. However, certain other monoline insurers have engaged with us in a consistent repurchase process and we have used that experience to record a liability related to existing and projected future claims from such counterparties.

## Whole Loan Sales and Private-label Securitizations

Legacy entities, and to a lesser extent Bank of America, sold loans in whole loan sales or via private-label securitizations with a total principal balance of $\$ 777.1$ billion originated from 2004 through 2008, which are included in Table 11 , of which $\$ 384.0$ billion have been paid off and $\$ 169.0$ billion have defaulted or are severely delinquent and are considered principal at-risk at December 31, 2010. At least 25 payments have been made on approximately 60 percent of the loans included in principal at-risk. We have received approximately $\$ 8.1$ billion of representations and warranties claims from whole loan investors and private-label securitization investors related to these vintages, including $\$ 5.6$ billion from whole loan investors, $\$ 800$ million from one private-label securitization counterparty which were submitted prior to 2008 and $\$ 1.7$ billion in recent demands from private-label securitization investors. Private-label securitization investors generally do not have the contractual right to demand repurchase of loans directly. The inclusion of the $\$ 1.7$ billion in recent demands from privatelabel securitization investors does not mean that we believe these claims have satisfied the contractual thresholds required for these investors to direct the securitization trustee to take action or are otherwise procedurally or substantively valid. Additionally, certain private-label securitizations are insured by the monolines, which are not reflected in these figures regarding whole loan sales and private-label securitizations.

We have resolved $\$ 5.2$ billion of the claims received from whole loan investors and private-label securitization investors with losses of $\$ 1.1$ billion. Approximately $\$ 2.1$ billion of these claims were resolved through repurchase
or indemnification and $\$ 3.1$ billion were rescinded by the investor. Claims outstanding related to these vintages totaled $\$ 2.9$ billion at December 31, 2010, $\$ 1.1$ billion of which we have reviewed and declined to repurchase based on an assessment of whether a material breach exists, $\$ 91$ million of which are in the process of review and $\$ 1.7$ billion of which are demands from private-label securitization investors received in the fourth quarter of 2010. The majority of the claims that we have received so far are from whole loan investors and until we have meaningful repurchase experiences with counterparties other than whole loan investors, it is not possible to determine whether a loss related to our private-label securitizations has occurred or is probable. However, certain whole loan investors have engaged with us in a consistent repurchase process and we have used that experience to record a liability related to existing and future claims from such counterparties.

On October 18, 2010, Countrywide Home Loans Servicing, LP (which changed its name to BAC Home Loans Servicing, LP), a wholly-owned subsidiary of the Corporation, received a letter, in its capacity as servicer on 115 private-label securitizations which was subsequently extended to 225 securitizations. The letter asserted breaches of certain servicing obligations, including an alleged failure to provide notice of breaches of representations and warranties with respect to mortgage loans included in the transactions. See Recent Events - Private-label Residential Mortgage-backed Securities Matters on page 39 for additional information.

See Complex Accounting Estimates - Representations and Warranties on page 116 for information related to our estimated liability for representations and warranties and corporate guarantees related to mortgage-related securitizations. For additional information regarding representations and warranties and disputes involving monolines, whole loan sales and private-label securitizations, see Note 9 -Representations and Warranties Obligations and Corporate Guarantees and Note 14 -Commitments and Contingencies to the Consolidated Financial Statements.

## Regulatory Matters

Refer to Item 1A. Risk Factors of this Annual Report on Form 10-K for additional information on recent or proposed legislative and regulatory initiatives as well as other risks to which we are exposed, including among others, enhanced regulatory scrutiny or potential legal liability as a result of the recent financial crisis.

## Financial Reform Act

On July 21, 2010, the Financial Reform Act was signed into law. The Financial Reform Act enacts sweeping financial regulatory reform and will alter the way in which we conduct certain businesses, increase our costs and reduce our revenues.

## Background

The Financial Reform Act mandates that the Federal Reserve limit debit card interchange fees. Provisions in the legislation also ban banking organizations from engaging in proprietary trading and restrict their sponsorship of, or investing in, hedge funds and private equity funds, subject to limited exceptions. The Financial Reform Act increases regulation of the derivative markets through measures that broaden the derivative instruments subject to regulation and requires clearing and exchange trading as well as imposing additional capital and margin requirements for derivative market participants. The Financial Reform Act also changes the methodology for calculating deposit insurance assessments from the amount of an insured depository institution's domestic deposits to its total assets minus tangible capital; provides for resolution authority to establish a process to unwind large systemically important financial companies; creates a new regulatory body to set requirements regarding the terms and conditions of consumer financial products and expands the role of state regulators in enforcing consumer protection
requirements over banks; includes new minimum leverage and risk-based capital requirements for large financial institutions; disqualifies trust preferred securities and other hybrid capital securities from Tier 1 capital; and requires securitizers to retain a portion of the risk that would otherwise be transferred into certain securitization transactions. Many of these provisions have begun to be phased-in or will be phased-in over the next several months or years and will be subject both to further rulemaking and the discretion of applicable regulatory bodies.

The Financial Reform Act will continue to have a significant and negative impact on our earnings through fee reductions, higher costs and new restrictions, as well as reduce available capital. The Financial Reform Act may also continue to have a material adverse impact on the value of certain assets and liabilities held on our balance sheet. The ultimate impact of the Financial Reform Act on our businesses and results of operations will depend on regulatory interpretation and rulemaking, as well as the success of any of our actions to mitigate the negative earnings impact of certain provisions. For information on the impact of the Financial Reform Act on our credit ratings, see Liquidity Risk beginning on page 71.

The Financial Reform Act and other proposed regulatory initiatives may also have an adverse impact on capital. During 2010, the Basel Committee on Banking Supervision finalized rules on certain capital and liquidity measurements. For additional information on these rules, see Regulatory Capital Regulatory Capital Changes beginning on page 68.

## Debit Interchange Fees

The limits that the Financial Reform Act places on debit interchange fees will significantly reduce our debit card interchange revenues. Interchange fees, or "swipe" fees, are charges that merchants pay to us and other credit card companies and card-issuing banks for processing electronic payment transactions. The legislation, which provides the Federal Reserve with authority over interchange fees received or charged by a card issuer, requires that fees must be "reasonable and proportional" to the costs of processing such transactions. The Federal Reserve considered the functional similarity between debit card transactions and traditional checking transactions and the incremental costs incurred by a card issuer in processing a particular debit card transaction. In addition, the legislation prohibits card issuers and networks from entering into exclusive arrangements requiring that debit card transactions be processed on a single network or only two affiliated networks, and allows merchants to determine transaction routing.

On December 16, 2010, the Federal Reserve issued a proposed rule that would establish debit card interchange fee standards and prohibit network exclusivity arrangements and routing restrictions. The Federal Reserve requested comments on two alternative interchange fee standards that would apply to all covered issuers: one based on each issuer's costs, with a safe harbor initially set at $\$ 0.07$ per transaction and a cap initially set at $\$ 0.12$ per transaction; and the other a stand-alone cap initially set at $\$ 0.12$ per transaction. The Federal Reserve also requested comment on possible frameworks for an adjustment to the interchange fees to reflect certain issuer costs associated with fraud prevention. If the Federal Reserve adopts either of these proposed standards in the final rule, the maximum allowable interchange fee received by covered issuers for debit card transactions would be more than 70 percent lower than the 2009 average once the new rule takes effect on July 21, 2011. The proposed rule would also prohibit issuers and networks from restricting the number of networks over which debit card transactions may be processed. The Federal Reserve requested comment on two alternative approaches: one alternative would require at least two unaffiliated networks per debit card, and the other would require at least two unaffiliated networks per debit card for each type of cardholder authorization method (such as signature or PIN). Under both alternatives, the issuers and networks would be prohibited from inhibiting a merchant's ability to direct the
routing of debit card transactions over any network that the issuer enabled to process them.

As previously announced on July 16, 2010, as a result of the Financial Reform Act and its related rules and subject to final rulemaking over the next year, we believe that our debit card revenue will be adversely impacted beginning in the third quarter of 2011. Our consumer and small business card products, including the debit card business, are part of an integrated platform within the Global Card Services business segment. In 2010, our estimate of revenue loss due to the debit card interchange fee standards to be adopted under the Financial Reform Act was approximately $\$ 2.0$ billion annually based on 2010 volumes. As a result, we recorded a non-tax deductible goodwill impairment charge for Global Card Services of $\$ 10.4$ billion in 2010. We have identified other potential mitigation actions within Global Card Services, but they are in the early stages of development and some of them may impact other segments. The impairment charge, which is a non-cash item, had no impact on our reported Tier 1 and tangible equity ratios. If the Federal Reserve sets the final interchange fee standards at the lowest proposed fee alternative, as described above (i.e., $\$ 0.07$ per transaction) the lower interchange revenue may result in additional impairment of goodwill in Global Card Services. In view of the uncertainty with model inputs including the final ruling, changes in the economic outlook and the corresponding impact to revenues and asset quality, and the impacts of mitigation actions, it is not possible to estimate the amount or range of amounts of additional goodwill impairment, if any, associated with changes to interchange fee standards. For more information on goodwill and the impairment charge, refer to Note 10 - Goodwill and Intangible Assets to the Consolidated Financial Statements and Complex Accounting Estimates beginning on page 111.

## Limitations on Certain Activities

We anticipate that the final regulations associated with the Financial Reform Act will include limitations on certain activities, including limitations on the use of a bank's own capital for proprietary trading and sponsorship or investment in hedge funds and private equity funds (Volcker Rule). Regulations implementing the Volcker Rule are required to be in place by October 21, 2011, and the Volcker Rule becomes effective twelve months after such rules are final or on July 21, 2012, whichever is earlier. The Volcker Rule then gives banking entities two years from the effective date (with opportunities for additional extensions) to bring activities and investments into conformance. In anticipation of the adoption of the final regulations, we have begun winding down our proprietary trading line of business. The ultimate impact of the Volcker Rule or the winding down of this business, and the time it will take to comply or complete, continues to remain uncertain. The final regulations issued may impose additional operational and compliance costs on us.

## Derivatives

The Financial Reform Act includes measures to broaden the scope of derivative instruments subject to regulation by requiring clearing and exchange trading of certain derivatives, imposing new capital and margin requirements for certain market participants and imposing position limits on certain over-the-counter (OTC) derivatives. The Financial Reform Act grants the U.S. Commodity Futures Trading Commission (CFTC) and the SEC substantial new authority and requires numerous rulemakings by these agencies. Generally, the CFTC and SEC have until July 16, 2011 to promulgate the rulemakings necessary to implement these regulations. The ultimate impact of these derivatives regulations, and the time it will take to comply, continues to remain uncertain. The final regulations will impose additional operational and compliance costs on us and may require us to restructure certain businesses and negatively impact our revenues and results of operations.

## FDIC Deposit Insurance Assessments

Since the financial crisis began several years ago, an increasing number of bank failures has imposed significant costs on the FDIC in resolving those failures, and the regulator's deposit insurance fund has been depleted. In order to maintain a strong funding position and restore reserve ratios of the deposit insurance fund, the FDIC has increased, and may increase in the future, assessment rates of insured institutions, including Bank of America.

Deposits placed at the U.S. Banks are insured by the FDIC, subject to limits and conditions of applicable law and the FDIC's regulations. Pursuant to the Financial Reform Act, FDIC insurance coverage limits were permanently increased to $\$ 250,000$ per customer. The Financial Reform Act also provides for unlimited FDIC insurance coverage for non-interest bearing demand deposit accounts for a two-year period beginning on December 31, 2010 and ending on January 1, 2013. The FDIC administers the Deposit Insurance Fund, and all insured depository institutions are required to pay assessments to the FDIC that fund the Deposit Insurance Fund. The Financial Reform Act changed the methodology for calculating deposit insurance assessments from the amount of an insured depository institution's domestic deposits to its total assets minus tangible capital. On February 7, 2011 the FDIC issued a new regulation implementing revisions to the assessment system mandated by the Financial Reform Act. The new regulation will be effective April 1, 2011 and will be reflected in the June 30, 2011 FDIC fund balance and the invoices for assessments due September 30, 2011. As a result of the new regulations, we expect to incur higher annual deposit insurance assessments. We have identified potential mitigation actions, but they are in the early stages of development and we are not able to directly control the basis or the amount of premiums that we are required to pay for FDIC insurance or for other fees or assessment obligations imposed on financial institutions. Any future increases in required deposit insurance premiums or other bank industry fees could have a significant adverse impact on our financial condition and results of operations.

## CARD Act

On May 22, 2009, the CARD Act was signed into law. The majority of the CARD Act provisions became effective in February 2010. The CARD Act legislation contains comprehensive credit card reform related to credit card industry practices including significantly restricting banks' ability to change interest rates and assess fees to reflect individual consumer risk, changing the way payments are applied and requiring changes to consumer credit card disclosures. The provisions of the CARD Act negatively impacted net interest income and card income during 2010, and are expected to negatively impact future net interest income due to the restrictions on our ability to reprice credit cards based on risk, and card income due to restrictions imposed on certain fees. The 2010 full-year decrease in revenue was approximately $\$ 1.5$ billion.

## Regulation E

On November 12, 2009, the Federal Reserve issued amendments to Regulation E which implements the Electronic Fund Transfer Act. The rules became effective on July 1, 2010 for new customers and August 16, 2010 for existing customers. These amendments limit the way we and other banks charge an overdraft fee for non-recurring debit card transactions that overdraw a consumer's account unless the consumer affirmatively consents to the bank's payment of overdrafts for those transactions. Under previously announced plans, we do not offer customers the opportunity to opt-in to overdraft services related to nonrecurring debit card transactions. However, customers are able to opt-in on a withdrawal-by-withdrawal basis to access cash through the Bank of America ATM network where the bank is able to alert customers that the transaction may overdraw their account and result in a fee if they choose to proceed. The impact of Regulation $E$, which was in effect beginning in the third quarter and fully in effect in the fourth quarter of 2010, and our overdraft policy changes, which
were in effect for the full year of 2010, was a reduction in service charges during 2010 of approximately $\$ 1.7$ billion. In 2011, the incremental reduction to service charges related to Regulation E and overdraft policy changes is expected to be approximately $\$ 1.1$ billion, or a full-year impact of approximately $\$ 2.8$ billion, net of identified mitigation action.

## U.K. Corporate Income Tax Rate

On July 27, 2010, the U.K. government enacted a law change reducing the corporate income tax rate by one percent effective for the 2011 U.K. tax financial year beginning on April 1, 2011. While this rate reduction favorably affects income tax expense on future U.K. earnings, it also required us to remeasure our U.K. net deferred tax assets using the lower tax rate, which resulted in a charge to income tax expense of $\$ 392$ million in 2010. A future rate reduction of one percent per year is generally expected to be enacted in each of 2011, 2012 and 2013, which would result in a similar charge to income tax expense of nearly $\$ 400$ million during each of the three years. The U.K. Treasury has asked for taxpayer views on whether the U.K. government should alternatively enact the full remaining three-percent reduction entirely during 2011, which would accelerate the possible charges into 2011 for a total of approximately $\$ 1.1$ billion.

## Final Regulatory Guidance on Consolidation

On January 21, 2010, the Federal Reserve, Office of the Comptroller of the Currency, FDIC and Office of Thrift Supervision (collectively, joint agencies) issued a final rule regarding risk-based capital requirements related to the impact of the adoption of new consolidation guidance. The impact on the Corporation on January 1, 2010 due to the new consolidation guidance and the final rule was an increase in risk-weighted assets of $\$ 21.3$ billion and a reduction in capital of $\$ 9.7$ billion. The overall impact of the new consolidation guidance and the final rule was a decrease in Tier 1 capital and Tier 1 common ratios of 76 bps and 73 bps. For more information, see Balance Sheet Overview - Impact of Adopting New Consolidation Guidance on page 33, Capital Management beginning on page 67 and Liquidity Risk beginning on page 71.

## Payment Protection Insurance

In the U.K., the Corporation sells PPI through its Global Card Services business to credit card customers and has previously sold this insurance to consumer loan customers. In response to an elevated level of customer complaints of misleading sales tactics across the industry, heightened media coverage and pressure from consumer advocacy groups, the U.K. Financial Services Authority (FSA) has investigated and raised concerns about the way some companies have handled complaints relating to the sale of these insurance policies. In August 2010, the FSA issued a policy statement on the assessment and remediation of PPI claims which is applicable to the Corporation's U.K. consumer businesses and is intended to address concerns among consumers and regulators regarding the handling of PPI complaints across the industry. The policy statement sets standards for the sale of PPI that apply to current and prior sales, and in the event a company does not or did not comply with the standards, it is alleged that the insurance was incorrectly sold, giving the customer rights to remedies. Given the new regulatory guidance, in 2010, the Corporation had a liability of $\$ 630$ million based on its current claims history and an estimate of future claims that have yet to be asserted against the Corporation. For additional information on PPI, see Note 14 - Commitments and Contingencies to the Consolidated Financial Statements - Payment Protection Insurance Claims Matter on page 200.

## U.K. Bank Levy

On June 22, 2010, the U.K. government announced that it intended to introduce an annual bank levy. Beginning in 2011, the bank levy will be payable
on the consolidated liabilities, subject to certain exclusions and offsets, of U.K. group companies and U.K. branches of foreign banking groups as of each yearend balance sheet date. As currently proposed, the bank levy rate for 2011 and future years will be 0.075 percent per annum for certain short-term liabilities with a rate of 0.0375 percent per annum for longer maturity liabilities and certain deposits. The legislation is expected to be enacted in the third quarter of 2011. We currently estimate that the cost of the U.K. bank levy will be approximately $\$ 125$ million annually beginning in 2011.

## Regulatory Guidance on Collateral Dependent Loans

On February 23, 2010, regulators issued clarifying guidance, effective in the first quarter of 2010, on modified consumer real estate loans that specifies criteria required to demonstrate a borrower's capacity to repay the modified loan. In connection with this guidance, we reviewed our modified consumer real estate loans and determined that a portion of these loans did not meet the criteria and, therefore, were deemed collateral dependent. The guidance requires that a modified loan deemed to be collateral dependent be written down to its estimated collateral value even if that loan is performing. The application of this guidance resulted in $\$ 1.0$ billion of net charge-offs in 2010, of which $\$ 822$ million were home equity, $\$ 207$ million were residential mortgage and $\$ 9$ million were discontinued real estate.

## Making Home Affordable Program

On March 4, 2009, the U.S. Treasury provided details related to the $\$ 75$ billion Making Home Affordable program (MHA) which is focused on reducing the number of foreclosures and making it easier for customers to refinance loans. The MHA consists of the Home Affordable Modification Program (HAMP) which provides guidelines on first-lien loan modifications, and the Home Affordable Refinance Program (HARP) which provides guidelines for loan refinancing.

As part of the MHA program, on April 28, 2009, the U.S. government announced intentions to create the second-lien modification program (2MP) that is designed to reduce the monthly payments on qualifying home equity loans and lines of credit under certain conditions, including completion of a HAMP modification on the first mortgage on the property. This program provides incentives to lenders to modify all eligible loans that fall under the guidelines of this program. Additional clarification on government guidelines for the program was announced early in 2010. On April 8, 2010, we began early implementation of the 2MP with the mailing of trial modification offers to eligible home equity customers. We will modify eligible second liens under this initiative regardless of whether the MHA modified "first lien" is serviced by the Corporation or another participating servicer.

On April 5, 2010, we implemented the Home Affordable Foreclosure Alternatives (HAFA) program, which is another addition to the HAMP that assists borrowers with non-retention options, such as short sale or dee-d-in-lieu options, instead of foreclosure. The HAFA program provides incentives to lenders to assist all eligible borrowers that fall under the guidelines of this program. Our first goal is to work with the borrower to determine if a loan modification or other homeownership retention solution is available before pursuing non-retention options such as short sales. Short sales are an important option for homeowners who are facing financial difficulty and do not have a viable option to remain in the home. HAFA's short sale guidelines are designed to streamline and standardize the process and will be compatible with Bank of America's new cooperative short sale program.

During 2010, 285,000 loan modifications were completed with a total unpaid principal balance of $\$ 65.7$ billion, including 109,000 loans with a total unpaid principal amount of $\$ 25.5$ billion that were converted from trial-period to permanent modifications under the MHA, which include HAMP first-lien modifications and 2MP second-lien modifications. In addition, on March 26, 2010, the U.S. government announced new changes to the MHA program guidelines that include principal forgiveness options to the HAMP for a sub-segment of
qualified HAMP borrowers. The details around eligibility, forgiveness arrangements and the incentive structures are still being finalized. However, we implemented a forgiveness program on a subset of HAMP eligible products under the National Home Retention Program (NHRP) in 2010.

In addition to the programs described above, we have implemented several programs designed to help our customers. For information on these programs, refer to Credit Risk Management beginning on page 75. We will continue to help our customers address financial challenges through these government programs and our own home retention programs.

## Stress Tests

The Corporation has established management routines to periodically conduct stress tests to evaluate potential impacts to the Corporation under hypothetical economic scenarios. These stress tests will facilitate our contingency planning and management of capital and liquidity. These processes were also used to conduct the recent secondary stress testing imposed by the Federal Reserve and were incorporated into the Capital Plan that was submitted as part of this request, which included a proposed modest increase in our common dividend in the second half of 2011. The results of these stress tests may influence bank regulatory supervisory requirements concerning the Corporation and may impact the amount or timing of dividends or distributions to the Corporation's stockholders. For additional information, see Capital Management beginning on page 67 and Liquidity Risk beginning on page 71.

## Other Matters

The Corporation has established guidelines and policies for managing capital across its subsidiaries. The guidance for the Corporation's subsidiaries with regulatory capital requirements, including branch operations of banking subsidiaries, requires each entity to maintain satisfactory capital levels. This includes setting internal capital targets for the U.S. bank subsidiaries to exceed "well capitalized" levels.

The U.K. has adopted increased capital and liquidity requirements for local financial institutions, including regulated U.K. subsidiaries of non-U.K. bank holding companies and other financial institutions as well as branches of nonU.K. banks located in the U.K. In addition, the U.K. has proposed the creation and production of recovery and resolution plans (commonly referred to as living wills) by such entities. We are currently monitoring the impact of these initiatives.

## Managing Risk

## Overview

Risk is inherent in every activity that we undertake. Our business exposes us to strategic, credit, market, liquidity, compliance, operational and reputational risk. We must manage these risks to maximize our long-term results by ensuring the integrity of our assets and the quality of our earnings.

Strategic risk is the risk that results from adverse business decisions, ineffective or inappropriate business plans, or failure to respond to changes in the competitive environment, business cycles, customer preferences, product obsolescence, regulatory environment, business strategy execution, and/or other inherent risks of the business including reputational risk. Credit risk is the risk of loss arising from a borrower's or counterparty's inability to meet its obligations. Market risk is the risk that values of assets and liabilities or revenues will be adversely affected by changes in market conditions such as interest rate movements. Liquidity risk is the inability to meet contractual and contingent financial obligations, on- or off-balance sheet, as they come due. Compliance risk is the risk that arises from the failure to adhere to laws, rules, regulations, or internal policies and procedures. Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems, or external events. Reputational risk is the potential that negative
publicity regarding an organization's conduct or business practices will adversely affect its profitability, operations or customer base, or require costly litigation or other measures. Reputational risk is evaluated within all of the risk categories and throughout the risk management process, and as such is not discussed separately herein. The following sections, Strategic Risk Management beginning on page 66, Capital Management beginning on page 67, Liquidity Risk beginning on page 71, Credit Risk Management beginning on page 75, Market Risk Management beginning on page 104, Compliance Risk Management on page 110 and Operational Risk Management beginning on page 110, address in more detail the specific procedures, measures and analyses of the major categories of risk that we manage.

In choosing when and how to take risks, we evaluate our capacity for risk and seek to protect our brand and reputation, our financial flexibility, the value of our assets and the strategic potential of our Corporation. We intend to maintain a strong and flexible financial position that will allow us to successfully weather challenging economic times and take advantage of opportunities to grow. We also intend to focus on maintaining our relevance and value to customers, associates and shareholders. To achieve these objectives, we have built a comprehensive risk management culture and have implemented governance and control measures to maintain that culture.

Our risk management infrastructure is continually evolving to meet the heightened challenges posed by the increased complexity of the financial services industry and markets, by our increased size and global footprint, and by the financial crisis. We have a defined risk framework and clearly articulated risk appetite which is approved annually by the Corporation's Board of Directors (the Board).

We take a comprehensive approach to risk management. Risk management planning is fully integrated with strategic, financial and customer/client planning so that goals and responsibilities are aligned across the organization. Risk is managed in a systematic manner by focusing on the Corporation as a whole as well as managing risk across the enterprise and within individual business units, products, services and transactions, and across all geographic locations. We maintain a governance structure that delineates the responsibilities for risk management activities, as well as governance and oversight of those activities, by executive management and the Board.

Executive management assesses, and the Board oversees, the risk-adjusted returns of each business segment through review and approval of strategic and financial operating plans. By allocating economic capital to and establishing a risk appetite for a business segment, we seek to effectively manage the ability to take on risk. Economic capital is assigned to each business segment using a risk-adjusted methodology incorporating each segment's stand-alone credit, market, interest rate and operational risk components, and is used to measure risk-adjusted returns. Businesses operate within their credit, market, compliance and operational risk standards and limits in order to adhere to the risk appetite. These limits are based on analyses of risk and reward in each line of business, and executive management is responsible for tracking and reporting performance measurements as well as any exceptions to guidelines or limits. The Board monitors financial performance, execution of the strategic and financial operating plans, compliance with the risk appetite and the adequacy of internal controls through its committees.

On December 14, 2010, the Board completed its annual review and approval of the Risk Framework and the Risk Appetite Statement for the Corporation. The Risk Framework defines the accountability of the Corporation and its associates and the Risk Appetite Statement defines the parameters under which we will take risk. Both documents are intended to enable us to maximize our long-term results and ensure the integrity of our assets and the quality of our earnings. The Risk Framework is designed to be used by our associates to understand risk management activities, including their individual roles and accountabilities. It also defines how risk management is integrated into our core business processes, and it defines the risk management governance structure, including management's involvement. The risk
management responsibilities of the lines of business, governance and control functions, and Corporate Audit are also clearly defined, and reflects how the Board-approved risk appetite influences business and risk strategy. The risk management process contains four elements: identify and measure risk, mitigate and control risk, monitor and test risk, and report and review risk, and is applied across all business activities to enable an integrated and comprehensive review of risk consistent with the Board's Risk Appetite Statement.

## Risk Management Processes and Methods

To support our corporate goals and objectives, risk appetite, and business and risk strategies, we maintain a governance structure that delineates the responsibilities for risk management activities, as well as governance and oversight of those activities, by management and the Board. All associates have accountability for risk management. Each associate's risk management responsibilities falls into one of three major categories: lines of business, governance and control (Global Risk Management and enterprise control functions) and Corporate Audit.

Line of business managers and associates are accountable for identifying, managing and escalating attention, as appropriate, to all risks in their business units, including existing and emerging risks. Line of business managers must ensure that their business activities are conducted within the risk appetite defined by management and approved by the Board. The limits and controls for each business must be consistent with the Risk Appetite Statement. Line of business associates in client and customer facing businesses are responsible for day-to-day business activities, including developing and delivering profitable products and services, fulfilling customer requests and maintaining desirable customer relationships. These associates are accountable for conducting their daily work in accordance with policies and procedures. It is the responsibility of each associate to protect the Corporation and defend the interests of the shareholders.

Governance and control functions are comprised of Global Risk Management and the enterprise control functions. Global Risk Management is led by the Chief Risk Officer (CRO). The CRO leads senior management in managing risk, is independent from the Corporation's lines of business and enterprise control functions, and maintains sufficient autonomy to develop and implement meaningful risk management measures. This position serves to protect the Corporation and its shareholders. The CRO reports to the Chief Executive Officer (CEO) and is the management team lead or a participant in Board-level risk governance committees. The CRO has the mandate to ensure that appropriate risk management practices are in place, effective and consistent with our overall business strategy and risk appetite. Global Risk Management is comprised of two types of risk teams, Enterprise Risk Teams and independent line of business risk teams, which report to the CRO and are independent from the lines of business and enterprise control functions.

Enterprise Risk Teams are responsible for setting and establishing enterprise policies, programs and standards, assessing program adherence, providing enterprise-level risk oversight, and reporting and monitoring for systemic and emerging risk issues. In addition, the Enterprise Risk Teams are responsible for monitoring and ensuring that risk limits are reasonable and consistent with the risk appetite. These risk teams also carry out risk-based oversight of the enterprise control functions.

Independent line of business risk teams are responsible for establishing policies, limits, standards, controls, metrics and thresholds within the defined corporate standards for the lines of business to which they are aligned. The independent line of business risk teams are responsible for ensuring that risk limits and standards are reasonable and consistent with the risk appetite.

Enterprise control functions are independent of the lines of business and have risk governance and control responsibilities for enterprise programs. In this role, they are responsible for setting policies, standards and limits; providing risk reporting; monitoring for systemic risk issues including existing, emerging and reputational; and implementing procedures and controls at the
enterprise and line of business levels for their respective control functions. Enterprise control functions consist of the Chief Financial Officer group, Global Technology and Operations, Global Human Resources, Global Marketing and Corporate Affairs, and Legal.

The Corporate Audit function and the Corporate General Auditor maintain independence from the lines of business and governance and control functions by reporting directly to the Audit Committee of the Board. Corporate Audit provides independent assessment and validation through testing of key processes and controls across the Corporation. Corporate Audit provides an independent assessment of the Corporation's management and internal control systems. Corporate Audit activities are designed to provide reasonable assurance that resources are adequately protected; significant financial, managerial and operating information is materially complete, accurate and reliable; and employees' actions are in compliance with the Corporation's policies, standards, procedures, and applicable laws and regulations.

To ensure that the Corporation's goals and objectives, risk appetite, and business and risk strategies are achieved, we utilize a risk management process that is applied across the execution of all business activities. This risk management process, which is an integral part of our Risk Framework, enables the Corporation to review risk in an integrated and comprehensive manner across all risk categories and make strategic and business decisions based on that comprehensive view. Corporate goals and objectives and our risk appetite are established by management, approved by the Board, and are key drivers to setting business and risk strategy.

One of the key tools of the risk management process is the use of Risk and Control Self Assessments (RCSAs). RCSAs are the primary method for facilitating the management of Business Environment and Internal Control Factor (BEICF) data. The end-to-end RCSA process incorporates risk identification and assessment of the control environment; monitoring, reporting and escalating risk; quality assurance and data validation; and integration with the risk appetite. The RCSA process also incorporates documentation by either the line of business or enterprise control function of the business environment, risks, controls, and monitoring and reporting. This results in a comprehensive risk management view that enables understanding of and action on operational risks and controls for all of our processes, products, activities and systems.

The formal processes used to manage risk represent a part of our overall risk management process. Corporate culture and the actions of our associates are also critical to effective risk management. Through our Code of Ethics, we set a high standard for our associates. The Code of Ethics provides a framework for all of our associates to conduct themselves with the highest integrity in the delivery of our products or services to our customers. We instill a strong and comprehensive risk management culture through communications, training, policies, procedures, and organizational roles and responsibilities. Additionally, we continue to strengthen the link between the associate performance management process and individual compensation to encourage associates to work toward enterprise-wide risk goals.

## Board Oversight of Risk

We maintain a governance structure that delineates the responsibilities for risk management activities, as well as governance and oversight of those activities, by management and the Board. The majority of our directors, including the Chairman of the Board, are considered independent and meet the requirements of our Director Independence Categorical Standards and the criteria for independence in the listing standards of the New York Stock Exchange. Also, all members of the Audit and Enterprise Risk Committees are independent and all members of the Credit Committee are non-management directors.

The Board is responsible for the oversight of the management of the Corporation. As part of its oversight, the Board oversees the management of the various types of risk faced by the Corporation. Our corporate risk management governance structure is designed to align the interests of the Board and management with those of our stockholders and to foster integrity throughout the Corporation.

The Board, under the leadership of its independent Chairman, oversees the management of the Corporation through the governance structure, which includes Board committees and management committees. The Board maintains standing committees to oversee risk. The committees with the majority of risk oversight responsibilities include the Credit, Enterprise Risk and Audit Committees.

The figure below illustrates the inter-relationship between the Board, Board level committees and management level committees with the majority of risk oversight responsibilities for the Corporation.

${ }^{(1)}$ Compliance Risk activities, including Ethics Oversight, are required to be reviewed by the Audit Committee and Operational Risk activities are required to be reviewed by the Enterprise Risk Committee.


The Credit Committee is responsible for oversight of senior management's identification and management of the Corporation's credit exposures on an enterprise-wide basis, as well as the Corporation's responses to trends affecting those exposures. The Credit Committee is also responsible for oversight of senior management's actions relating to the adequacy of the allowance for credit losses and the Corporation's credit-related policies.

The Enterprise Risk Committee is responsible for exercising oversight of senior management's responsibility to identify the material risks facing the Corporation and oversight of senior management's planning for and management of the Corporation's material risks, including market risk, interest rate risk, liquidity risk, operational risk and reputational risk. The Enterprise Risk Committee also oversees senior management's establishment of policies and guidelines articulating the Corporation's risk tolerances for material categories of risk, the performance and functioning of the Corporation's overall risk management function, and senior management's establishment of appropriate systems that support control of market risk, interest rate risk and liquidity risk.

The Audit Committee is responsible for assisting the Board in overseeing the integrity of the Corporation's Consolidated Financial Statements and the effectiveness of the Corporation's system of internal controls and policies and procedures for managing and assessing risk, including compliance with legal and regulatory requirements. The Audit Committee also provides approval and direct oversight of the independent registered public accounting firm, including such firm's assessment of management's assertion of the effectiveness of the Corporation's disclosure controls and procedures and
the Corporation's internal control over financial reporting; and oversight of such accountant's appointment, compensation, qualifications and independence. The Audit Committee also oversees the corporate audit function.

The Credit, Enterprise Risk and Audit Committees provide enterprise-wide oversight of the Corporation's management and handling of risk. Each of these three committees reports regularly to the Board on risk-related matters within its responsibilities and together they provide the Board with integrated, thorough insight about our management of strategic, credit, market, liquidity, compliance, legal, operational and reputational risks. At meetings of each Board committee and our Board, directors receive updates from management regarding all aspects of enterprise risk management, including our performance against our identified risk appetite.

Executive management develops for Board approval the Corporation's Risk Framework, Risk Appetite Statement, and strategic and financial operating plans. Management and the Board, through the Credit, Enterprise Risk and Audit Committees, monitor financial performance, execution of the strategic and financial operating plans, compliance with the risk appetite, and the adequacy of internal controls.

## Strategic Risk Management

Strategic risk is embedded in every line of business and is one of the major risk categories along with credit, market, liquidity, compliance, operational and reputational risks. It is the risk that results from adverse business decisions,
ineffective or inappropriate business plans, or failure to respond to changes in the competitive environment, business cycles, customer preferences, product obsolescence, regulatory environment, business strategy execution and/or other inherent risks of the business including reputational risk. In the financial services industry, strategic risk is high due to changing customer, competitive and regulatory environments. Our appetite for strategic risk is assessed within the context of the strategic plan, with strategic risks selectively and carefully considered in the context of the evolving marketplace. Strategic risk is managed in the context of our overall financial condition and assessed, managed and acted on by the Chief Executive Officer and executive management team. Significant strategic actions, such as material acquisitions or capital actions, are reviewed and approved by the Board.

Executive management and the Board approve a strategic plan every two to three years. Annually, executive management develops a financial operating plan and the Board reviews and approves the plan. With oversight by the Board, executive management ensures that the plans are consistent with the Corporation's strategic plan, core operating tenets and risk appetite. The following are assessed in their reviews: forecasted earnings and returns on capital, the current risk profile, current capital and liquidity requirements, staffing levels and changes required to support the plan, stress testing results, and other qualitative factors such as market growth rates and peer analysis. With oversight by the Board, executive management performs similar analyses throughout the year, and defines changes to the financial forecast or the risk, capital or liquidity positions as deemed appropriate to balance and optimize between achieving the targeted risk appetite and shareholder returns and maintaining the targeted financial strength.

We use proprietary models to measure the capital requirements for credit, country, market, operational and strategic risks. The economic capital assigned to each line of business is based on its unique risk exposures. With oversight by the Board, executive management assesses the risk-adjusted returns of each business in approving strategic and financial operating plans. The businesses use economic capital to define business strategies, price products and transactions, and evaluate client profitability.

## Capital Management

Bank of America manages its capital position to maintain a strong and flexible financial position in order to perform through economic cycles, take advantage of organic growth opportunities, maintain ready access to financial markets, remain a source of financial strength for its subsidiaries, and return capital to its shareholders as appropriate.

To determine the appropriate level of capital, we assess the results of our Internal Capital Adequacy Assessment Process (ICAAP), the current economic and market environment, and feedback from investors, ratings agencies and regulators. Based upon this analysis we set capital guidelines for Tier 1 common capital and Tier 1 capital to ensure we can maintain an adequate capital position in a severe adverse economic scenario. We also target to maintain capital in excess of the capital required per our economic capital measurement process (see Economic Capital on page 70). Management and the Board annually approve a comprehensive Capital Plan which documents the ICAAP and related results, analysis and support for the capital guidelines, and planned capital actions and capital adequacy assessment.

The ICAAP incorporates capital forecasts, stress test results, economic capital, qualitative risk assessments and assessment of regulatory changes. We generate monthly regulatory capital and economic capital forecasts that are aligned to the most recent earnings, balance sheet and risk forecasts. We utilize quarterly stress tests to assess the potential impacts to earnings, capital and liquidity for a variety of economic stress scenarios. We perform qualitative risk assessments to identify and assess material risks not fully captured in the forecasts, stress tests or economic capital. Given the significant proposed regulatory capital changes, we also regularly assess the potential capital
impacts and monitor associated mitigation actions. Management continuously assesses ICAAP results and provides documented quarterly assessments of the adequacy of the capital guidelines and capital position to the Board.

Capital management is integrated into the risk and governance processes, as capital is a key consideration in development of the strategic plan, risk appetite and risk limits. Economic capital is allocated to each business unit and used to perform risk-adjusted return analysis at the business unit, client relationship and transaction level.

## Regulatory Capital

As a financial services holding company, we are subject to the risk-based capital guidelines (Basel I) issued by the Federal Reserve. At December 31, 2010, we operated banking activities primarily under two charters: Bank of America, N.A. and FIA Card Services, N.A. which are subject to the risk-based capital guidelines issued by the Office of the Comptroller of the Currency (OCC). Under these guidelines, the Corporation and its affiliated banking entities measure capital adequacy based on Tier 1 common capital, Tier 1 capital and Total capital (Tier 1 plus Tier 2 capital). Capital ratios are calculated by dividing each capital amount by risk-weighted assets. Additionally, Tier 1 capital is divided by adjusted quarterly average total assets to derive the Tier 1 leverage ratio.

Tier 1 capital is calculated as the sum of "core capital elements." The predominate components of core capital elements are qualifying common stockholders' equity, any CES and qualifying noncumulative perpetual preferred stock. Also included in Tier 1 capital are qualifying trust preferred capital debt securities (Trust Securities), hybrid securities and qualifying non-controlling interest in subsidiaries which are subject to the rules governing "restricted core capital elements." Goodwill, other disallowed intangible assets, disallowed deferred tax assets and the cumulative changes in fair value of all financial liabilities accounted for under a fair value option that are included in retained earnings and are attributable to changes in the company's own creditworthiness are deducted from the sum of the core capital elements. Total capital is Tier 1 plus supplementary Tier 2 capital elements such as qualifying subordinated debt, a limited portion of the allowance for loan and lease losses, and a portion of net unrealized gains on AFS marketable equity securities. Tier 1 common capital is not an official regulatory ratio, but was introduced by the Federal Reserve during the Supervisory Capital Assessment Program in 2009. Tier 1 common capital is Tier 1 capital less preferred stock, Trust Securities, hybrid securities and qualifying non-controlling interest in subsidiaries.

Risk-weighted assets are calculated for credit risk for all on- and off-balance sheet credit exposures and for market risk on trading assets and liabilities, including derivative exposures. Credit risk risk-weighted assets are calculated by assigning a prescribed risk-weight to all on-balance sheet assets and to the credit equivalent amount of certain off-balance sheet exposures. The risk-weight is defined in the regulatory rules based upon the obligor or guarantor type and collateral if applicable. Off-balance sheet exposures include financial guarantees, unfunded lending commitments, letters of credit and derivatives. Market risk risk-weighted assets are calculated using risk models for the trading account positions, including all foreign exchange and commodity positions regardless of the applicable accounting guidance. Under Basel I there are no risk-weighted assets calculated for operational risk. Any assets that are a direct deduction from the computation of capital are excluded from risk-weighted assets and adjusted average total assets consistent with regulatory guidance.

For additional information on these and other regulatory requirements, see Note 18 - Regulatory Requirements and Restrictions to the Consolidated Financial Statements.

## Capital Composition and Ratios

On January 21, 2010, the joint agencies issued a final rule regarding the impact of the new consolidation guidance on risk-based capital. The incremental impact on January 1, 2010 was an increase in assets of $\$ 100.4$ billion and risk-weighted assets of $\$ 21.3$ billion and a reduction in Tier 1 common
capital and Tier 1 capital of $\$ 9.7$ billion. The overall effect of the new consolidation guidance and the final rule was a decrease in Tier 1 capital and Tier 1 common capital ratios of 76 bps and 73 bps on January 1, 2010.

We continued to strengthen capital in 2010 as evidenced by the $\$ 4.7$ billion growth in Tier 1 common capital or $\$ 14.4$ billion before the impact of the new consolidation guidance. The increase was driven by the $\$ 10.2$ billion in earnings generated in 2010, excluding the goodwill impairment charges of $\$ 12.4$ billion. Tier 1 capital and Total capital grew by $\$ 3.2$ billion and $\$ 3.5$ billion in 2010 or by $\$ 13.0$ billion and $\$ 12.9$ billion when adjusted for the impact of the new consolidation guidance.

Risk-weighted assets declined by $\$ 87$ billion in 2010 including the impact of the new consolidation guidance. The risk-weighted asset reduction is consistent with our continued efforts to reduce non-core assets and legacy loan portfolios.

As a result of the increased capital position and reduced risk-weighted assets, the Tier 1 common capital ratio increased 79 bps to 8.60 percent, the Tier 1 capital ratio increased 84 bps to 11.24 percent and Total capital increased 111 bps to 15.77 percent in 2010. When adjusted for the impacts of the new consolidation guidance, the growth in the ratios was more significant.

The Tier 1 leverage ratio increased 33 bps to 7.21 percent, reflecting both the strengthening of the capital position previously mentioned and a $\$ 62$ billion reduction in adjusted quarterly average total assets including the impact of the new consolidation guidance.

The $\$ 12.4$ billion goodwill impairment charges recognized during 2010 did not impact the regulatory capital ratios.

The table below presents the Corporation's capital ratios and related information at December 31, 2010 and 2009.

## Table 12 Regulatory Capital

|  | December $\mathbf{3 1}$ |  |
| :--- | :---: | :---: |
| (Dollars in billions) | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Tier 1 common equity ratio | $\mathbf{8 . 6 0 \%}$ | $7.81 \%$ |
| Tier 1 capital ratio | $\mathbf{1 1 . 2 4}$ | 10.40 |
| Total capital ratio | $\mathbf{1 5 . 7 7}$ | 14.66 |
| Tier 1 leverage ratio | 7.21 | 6.88 |
| Risk-weighted assets | $\$ 1,456$ | $\$ 1,543$ |
| Adjusted quarterly average total assets ${ }^{(1)}$ | $\mathbf{2 , 2 7 0}$ | 2,332 |

${ }^{(1)}$ Reflects adjusted average total assets for the three months ended December 31, 2010 and 2009.

The table below presents the capital composition at December 31, 2010 and 2009.

## Table 13 Capital Composition

|  | December 31 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| Total common shareholders' equity | \$211,686 | \$194,236 |
| Goodwill | $(73,861)$ | $(86,314)$ |
| Nonqualifying intangible assets (includes core deposit intangibles, affinity relationships, customer relationships and other intangibles) | $(6,846)$ | $(8,299)$ |
| Net unrealized gains or losses on AFS debt and marketable equity securities and net losses on derivatives recorded in accumulated OCI, net-of-tax | $(4,137)$ | 1,034 |
| Unamortized net periodic benefit costs recorded in accumulated OCI, net-of-tax | 3,947 | 4,092 |
| Exclusion of fair value adjustment related to structured notes ${ }^{(1)}$ | 2,984 | 2,981 |
| Common Equivalent Securities | - | 19,290 |
| Disallowed deferred tax asset | $(8,663)$ | $(7,080)$ |
| Other | 29 | 454 |
| Total Tier 1 common capital | 125,139 | 120,394 |
| Preferred stock | 16,562 | 17,964 |
| Trust preferred securities | 21,451 | 21,448 |
| Noncontrolling interest | 474 | 582 |
| Total Tier 1 capital | 163,626 | 160,388 |
| Long-term debt qualifying as Tier 2 capital | 41,270 | 43,284 |
| Allowance for loan and lease losses | 41,885 | 37,200 |
| Reserve for unfunded lending commitments | 1,188 | 1,487 |
| Allowance for loan and lease losses exceeding 1.25 percent of risk-weighted assets | $(24,690)$ | $(18,721)$ |
| 45 percent of the pre-tax net unrealized gains on AFS marketable equity securities | 4,777 | 1,525 |
| Other | 1,538 | 907 |
| Total capital | \$229,594 | \$226,070 |

${ }^{(1)}$ Represents loss on structured notes, net-of-tax, that is excluded from Tier 1 common capital, Tier 1 capital and Total capital for regulatory purposes.

## Regulatory Capital Changes

In June 2004, the Basel II Accord was published by the Basel Committee on Banking Supervision (the Basel Committee) with the intent of more closely aligning regulatory capital requirements with underlying risks, similar to economic capital. While economic capital is measured to cover unexpected losses, we also manage regulatory capital to adhere to regulatory standards of capital adequacy.

The Basel II Final Rule (Basel II) which was published in December 2007 established requirements for U.S. implementation of the Basel Committee's Basel II Accord and provides detailed requirements for a new regulatory capital framework. This regulatory capital framework includes requirements related to credit and operational risk (Pillar 1), supervisory requirements
(Pillar 2) and disclosure requirements (Pillar 3). We began the Basel II parallel qualification period on April 1, 2010.

Designated U.S. financial institutions are required to complete a minimum parallel qualification period under Basel II of four consecutive successful quarters before receiving regulatory approval to report regulatory capital using the Basel II methodology and exiting the parallel period. During the parallel period, the resulting capital calculations under both the current riskbased capital rules (Basel I) and Basel II will be reported to the financial institutions' regulatory supervisors. Once the parallel period is successfully completed and we have received approval to exit parallel, we will transition to Basel II as the methodology for calculating regulatory capital. Basel II provides for a three-year transitional floor subsequent to exiting parallel, after which Basel I may be discontinued. The Collins Amendment within the Financial

Reform Act and the U.S. banking regulators' subsequent Notice of Proposed Rulemaking published by the Federal Reserve on December 14, 2010 propose however that the current three-year transitional floors under Basel II be replaced with a permanent risk based capital floor as defined under Basel I.

On December 16, 2010, U.S. regulators issued a Notice of Proposed Rulemaking on the Risk-Based Capital Guidelines for Market Risk (Market Risk Rules), reflecting partial adoption of the Basel Committee's July 2009 consultative document on the topic. We anticipate U.S. regulators will adopt the Market Risk Rules in mid-2011. This change is expected to significantly increase the capital requirements for our trading assets and liabilities, including derivatives exposures which meet the definition established by the regulatory agencies. We continue to evaluate the capital impact of the proposed rules and currently anticipate being fully compliant with any final rules by the projected implementation date of year-end 2011.

On December 16, 2010, the Basel Committee issued "Basel III: A global regulatory framework for more resilient banks and banking systems" (Basel III), proposing a January 2013 implementation date for Basel III. If implemented by U.S. regulators as proposed, Basel III could significantly increase our capital requirements. Basel III and the Financial Reform Act propose the disqualification of trust preferred securities from Tier 1 capital, with the Financial Reform Act proposing the disqualification be phased in from 2013 to 2015. Basel III also proposes the deduction of certain assets from capital (deferred tax assets, MSRs, investments in financial firms and pension assets, among others, within prescribed limitations), the inclusion of other comprehensive income in capital, increased capital for counterparty credit risk, and new minimum capital and buffer requirements. The phase-in period for the capital deductions is proposed to occur in 20 percent increments from 2014 through 2018 with full implementation by December 31, 2018. The increase in capital requirements for counterparty credit risk is proposed to be effective January 2013. The phase-in period for the new minimum capital requirements and related buffers is proposed to occur between 2013 and 2019. U.S. regulators are expected to begin the final rulemaking processes for Basel III in early 2011 and have indicated a goal to adopt final rules by year-end 2011 or early 2012. For additional information on our MSRs, refer to Note 25 - Mortgage Servicing Rights to the Consolidated Financial Statements. For additional information on deferred tax assets, refer to Note 21 - Income Taxes to the Consolidated Financial Statements.

If Basel III is implemented in the U.S. consistent with Basel Committee rules, beginning in January 2013, we would be required to maintain minimum capital ratio requirements of 6.0 percent for Tier 1 capital and 8.0 percent for Total capital. Basel III also includes a proposed minimum requirement for common equity Tier 1 capital of 3.5 percent beginning in 2013 which would
increase to 4.5 percent in 2015. Basel III also includes three capital buffers which would be phased in over time and impact all three capital ratios. These buffers include a capital conservation buffer that would start at 0.63 percent in 2016 and increase to 2.5 percent in 2019. Thus, the minimum capital ratio requirements including the capital conservation buffer in 2019 would be 7.0 percent for common equity Tier 1 capital, 8.5 percent for Tier 1 capital and 10.5 percent for Total capital. If ratios fall below the minimum requirement plus the capital conservation buffer, such as 10.5 percent for Total capital, an institution would be required to restrict dividends, share repurchases and discretionary bonuses. Additionally, Basel III also includes a countercyclical buffer of up to 2.5 percent that regulators could require in periods of excess credit growth. The countercyclical buffer is to be comprised of loss-absorbing capital, such as common equity, and is meant to retain additional capital during periods of excess credit growth providing incremental protection in the event of a material market downturn. The ratios presented above do not include the third buffer requirement for systemically important financial institutions, which the Basel Committee continues to assess and has not yet quantified. The countercyclical and systemic buffers are scheduled to be phased in from 2013 through 2019. U.S. regulators are expected to begin the rulemaking processes for Basel III in early 2011 and have indicated a goal to adopt final rules by the end of 2011 or early 2012.

These regulatory changes also require approval by the agencies of analytical models used as part of our capital measurement and assessment, especially in the case of more complex models. If these more complex models are not approved, it could require financial institutions to hold additional capital, which in some cases could be significant.

We expect to maintain a Tier 1 common capital ratio in excess of eight percent as the regulatory rule changes are implemented without needing to raise new equity capital. We have made the implementation and mitigation of these regulatory changes a strategic priority. We also note there remains significant uncertainty on the final impacts as the U.S. has issued final rules only for Basel II and a Notice of Proposal Rulemaking for the Market Risk Rules at this time. Impacts may change as the U.S. finalizes rules and the regulatory agencies interpret the final rules for Basel III during the implementation process.

## Bank of America, N.A. and FIA Card Services, N.A. Regulatory Capital

The table below presents regulatory capital information for Bank of America N.A. and FIA Card Services, N.A. at December 31, 2010 and 2009. The goodwill impairment charges recognized in 2010 did not impact the regulatory capital ratios.

Table 14 Bank of America, N.A. and FIA Card Services, N.A. Regulatory Capital


The Bank of America, N.A. Tier 1 and Total capital ratio increased 48 bps to 10.78 percent and 50 bps to 14.26 percent at December 31, 2010 compared to December 31, 2009. The increase in the ratios was driven by $\$ 11.1$ billion
in earnings generated in 2010 combined with a $\$ 26.4$ billion decline in riskweighted assets. The Tier 1 leverage ratio increased 45 bps to 7.83 percent benefiting from the improvement in Tier 1 capital combined with a $\$ 56.0$ billion
decrease in adjusted quarterly average total assets. The reduction in riskweighted assets and adjusted quarterly average total assets is consistent with our continued efforts to reduce non-core assets and legacy loan portfolios.

The FIA Card Services, N.A. Tier 1 capital ratio increased 9 bps to 15.30 percent and Total capital ratio decreased 7 bps to 16.94 percent compared to December 31, 2009. The increase in Tier 1 capital ratio was due to a decrease in risk-weighted assets of $\$ 22.3$ billion. The decrease in the Total capital ratio was due to a reduction in Tier 2 capital resulting from a $\$ 390$ million decrease in qualifying term subordinated debt combined with a net increase in the allowance for credit losses limitation of $\$ 269$ million. The Tier 1 leverage ratio decreased to 13.21 percent at December 31, 2010 from 23.09 percent at December 31, 2009 due to a $\$ 68.9$ billion increase in adjusted quarterly average total assets. The increase in adjusted quarterly average total assets was the result of the adoption of new consolidation guidance.

## Broker/Dealer Regulatory Capital

Bank of America's principal U.S. broker/dealer subsidiaries are Merrill Lynch, Pierce, Fenner \& Smith (MLPF\&S) and Merrill Lynch Professional Clearing Corp (MLPCC). MLPCC is a subsidiary of MLPF\&S and provides clearing and settlement services. Both entities are subject to the net capital requirements of SEC Rule 15c3-1. Both entities are also registered as futures commission merchants and subject to the Commodity Futures Trading Commission (CFTC) Regulation 1.17.

MLPF\&S has elected to compute the minimum capital requirement in accordance with the "Alternative Net Capital Requirement" as permitted by SEC Rule 15c3-1. At December 31, 2010, MLPF\&S's regulatory net capital as defined by Rule 15c3-1 was $\$ 9.8$ billion and exceeded the minimum requirement of $\$ 736$ million by $\$ 9.1$ billion. MLPCC's net capital of $\$ 2.3$ billion exceeded the minimum requirement by $\$ 2.1$ billion.

In accordance with the Alternative Net Capital Requirements, MLPF\&S is required to maintain tentative net capital in excess of $\$ 1$ billion and notify the SEC in the event its tentative net capital is less than $\$ 5$ billion. At December 31, 2010, MLPF\&S had tentative net capital in excess of the minimum and notification requirements.

## Economic Capital

Our economic capital measurement process provides a risk-based measurement of the capital required for unexpected credit, market and operational losses over a one-year time horizon at a 99.97 percent confidence level, consistent with a "AA" credit rating. Economic capital is allocated to each business unit based upon its risk positions and contribution to enterprise risk, and is used for capital adequacy, performance measurement and risk management purposes. The strategic planning process utilizes economic capital with the goal of allocating risk appropriately and measuring returns consistently across all businesses and activities.

## Credit Risk Capital

Economic capital for credit risk captures two types of risks: default risk, which represents the loss of principal due to outright default or the borrower's inability to repay an obligation in full, and migration risk, which represents potential loss in market value due to credit deterioration over the one-year capital time horizon. Credit risk is assessed and modeled for all on- and offbalance sheet credit exposures within sub-categories for commercial, retail, counterparty and investment securities. The economic capital methodology captures dimensions such as concentration and country risk and originated securitizations. The economic capital methodology is based on the probability
of default, loss given default, exposure at default and maturity for each credit exposure, and the portfolio correlations across exposures. See page 75 for more information on Credit Risk Management.

## Market Risk Capital

Market risk reflects the potential loss in the value of financial instruments or portfolios due to movements in foreign exchange and interest rates, credit spreads, and security and commodity prices. Bank of America's primary market risk exposures are in its trading portfolio, equity investments, MSRs and the interest rate exposure of its core balance sheet. Economic capital is determined by utilizing the same models the Corporation used to manage these risks including, for example, Value-at-Risk, simulation, stress testing and scenario analysis. See page 104 for additional information on Market Risk Management.

## Operational Risk Capital

We calculate operational risk capital at the business unit level using actuarialbased models and historical loss data. We supplement the calculations with scenario analysis and risk control assessments. See Operational Risk Management beginning on page 110 for more information.

## Capital Actions

The Corporation held a special meeting of stockholders on February 23, 2010 at which we obtained stockholder approval of an amendment to our amended and restated certificate of incorporation to increase the number of authorized shares of our common stock from 10.0 billion to 11.3 billion. On February 24, 2010, approximately 1.3 billion shares of common stock were issued through the conversion of CES into common stock. For more information regarding this conversion, see Preferred Stock Issuances and Exchanges on page 71.

In January 2009, we issued approximately 1.4 billion shares of common stock in connection with the acquisition of Merrill Lynch. For additional information regarding the Merrill Lynch acquisition, see Note 2 -Merger and Restructuring Activity to the Consolidated Financial Statements. In addition, in 2009, we issued warrants to purchase approximately 199.1 million shares of common stock in connection with preferred stock issuances to the U.S. government. For more information, see Preferred Stock Issuances and Exchanges on page 71. In 2009, we issued 1.3 billion shares of common stock at an average price of $\$ 10.77$ per share through an at-the-market issuance program resulting in gross proceeds of approximately $\$ 13.5$ billion. In addition, during 2010 and 2009, we issued approximately 98.6 million and 7.4 million shares under employee stock plans.

## Troubled Asset Relief Program - Related Asset Sales

We received notification from the Federal Reserve confirming that we fulfilled our commitment to increase equity by $\$ 3.0$ billion through asset sales to be completed by December 31, 2010. The commitment was made in connection with the approval we received in December 2009 to repurchase the preferred stock that we issued as a result of our participation in the Troubled Asset Relief Program (TARP).

There were no common shares repurchased in 2010 except for shares acquired under equity incentive plans, as discussed in Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities of this Annual Report on Form 10-K. Currently, there is no existing Board authorized share repurchase program. For more information regarding our common share issuances, see Note 15 -Shareholders' Equity to the Consolidated Financial Statements.

We currently intend to modestly increase the common stock dividends in the second half of 2011 subject to approval by the Federal Reserve.

## Common Stock Dividends

The table below is a summary of our declared quarterly cash dividends on common stock during 2010 and through February 25, 2011.

Table 15 Common Stock Cash Dividend Summary

| Declaration Date | Record Date | Payment Date | Dividend <br> Per Share |
| :--- | ---: | ---: | ---: |
| January 26, 2011 | March 4, 2011 | March 25, 2011 | $\$ 0.01$ |
| October 25, 2010 | December 3, 2010 | December 24, 2010 | 0.01 |
| July 28, 2010 | September 3, 2010 | September 24, 2010 | 0.01 |
| April 28, 2010 | June 4, 2010 | June 25, 2010 | 0.01 |
| January 27, 2010 | March 5, 2010 | March 26, 2010 | 0.01 |

## Preferred Stock Issuances and Exchanges

In 2009, we completed an offer to exchange outstanding depositary shares of portions of certain series of preferred stock up to approximately 200 million shares of common stock at an average price of $\$ 12.70$ per share. In addition, we also entered into agreements with certain holders of other non-government perpetual preferred shares to exchange their holdings of approximately $\$ 10.9$ billion aggregate liquidation preference of perpetual preferred stock into approximately 800 million shares of common stock. In total, the exchange offer and these privately negotiated exchanges covered the exchange of $\$ 14.8$ billion aggregate liquidation preference of perpetual preferred stock into 1.0 billion shares of common stock. In 2009, we recorded an increase to retained earnings and net income applicable to common shareholders of $\$ 576$ million related to these exchanges. This represents the net of a $\$ 2.6$ billion benefit due to the excess of the carrying value of our nonconvertible preferred stock over the fair value of the common stock exchanged. This was partially offset by a $\$ 2.0$ billion inducement to convertible preferred shareholders representing the excess of the fair value of the common stock exchanged, which was accounted for as an induced conversion of convertible preferred stock, over the fair value of the common stock that would have been issued under the original conversion terms.

On December 2, 2009, we received approval from the U.S. Treasury and Federal Reserve to repay the U.S. government's $\$ 45.0$ billion preferred stock investment provided under TARP. In accordance with the approval, on December 9, 2009, we repurchased all outstanding shares of Cumulative Perpetual Preferred Stock Series N, Series Q and Series R issued to the U.S. Treasury as part of the TARP. While participating in the TARP we recorded $\$ 7.4$ billion in dividends and accretion on the TARP Preferred Stock and repayment saved us approximately $\$ 3.6$ billion in annual dividends and accretion. We did not repurchase the related common stock warrants issued to the U.S. Treasury in connection with its TARP investment. The U.S. Treasury auctioned these warrants in March 2010. For more detail on the TARP Preferred Stock, refer to Note 15 - Shareholders' Equity to the Consolidated Financial Statements.

We repurchased the TARP Preferred Stock through the use of $\$ 25.7$ billion in excess liquidity and $\$ 19.3$ billion in proceeds from the sale of 1.3 billion units of CES valued at $\$ 15.00$ per unit. The CES consisted of depositary shares representing interests in shares of Common Equivalent Junior Preferred Stock Series S (Common Equivalent Stock) and warrants (Contingent Warrants) to purchase an aggregate 60 million shares of the Corporation's common stock. Each depositary share represented a $1 / 1,000^{\text {th }}$ interest in a share of Common Equivalent Stock and each Contingent Warrant granted the holder the right to purchase 0.0467 of a share of a common stock for $\$ 0.01$ per share. Each depositary share entitled the holder, through the depository, to a proportional fractional interest in all rights and preferences of the Common Equivalent Stock, including conversion, dividend, liquidation and voting rights.

The Corporation held a special meeting of stockholders on February 23, 2010 at which we obtained stockholder approval of an amendment to our amended and restated certificate of incorporation to increase the number of
authorized shares of our common stock. Following effectiveness of the amendment, on February 24, 2010, the Common Equivalent Stock converted in full into our common stock and the Contingent Warrants automatically expired without becoming exercisable, and the CES ceased to exist.

On October 15, 2010, all of the outstanding shares of the mandatory convertible Preferred Stock, Series 2 and Series 3, of Merrill Lynch automatically converted into an aggregate of 50 million shares of the Corporation's Common Stock in accordance with the terms of these preferred securities.

For more information on cash dividends declared on preferred stock, see Table III.

## Enterprise-wide Stress Testing

As a part of our core risk management practices, we conduct enterprise-wide stress tests on a periodic basis to better understand earnings, capital and liquidity sensitivities to certain economic and business scenarios, including economic and market conditions that are more severe than anticipated. These enterprise-wide stress tests provide an understanding of the potential impacts from our risk profile to earnings, capital and liquidity, and serve as a key component of our capital management practices. Scenarios are selected by a group comprised of senior line of business, risk and finance executives. Impacts to each line of business from each scenario are then determined and analyzed, primarily leveraging the models and processes utilized in everyday management routines. Impacts are assessed along with potential mitigating actions that may be taken. Analysis from such stress scenarios is compiled for and reviewed through our Risk Oversight Committee (ROC), Asset Liability Market Risk Committee (ALMRC) and the Board's Enterprise Risk Committee, and serves to inform and be incorporated, along with other core business processes, into decision-making by management and the Board. We have made substantial investments to establish stress testing capabilities as a core business process.

## Liquidity Risk

## Funding and Liquidity Risk Management

We define liquidity risk as the potential inability to meet our contractual and contingent financial obligations, on- or off-balance sheet, as they come due. Our primary liquidity objective is to ensure adequate funding for our businesses throughout market cycles, including periods of financial stress. To achieve that objective, we analyze and monitor our liquidity risk, maintain excess liquidity and access diverse funding sources including our stable deposit base. We define excess liquidity as readily available assets, limited to cash and high-quality, liquid, unencumbered securities that we can use to meet our funding requirements as those obligations arise.

Global funding and liquidity risk management activities are centralized within Corporate Treasury. We believe that a centralized approach to funding and liquidity risk management enhances our ability to monitor liquidity requirements, maximizes access to funding sources, minimizes borrowing costs and facilitates timely responses to liquidity events.

The Enterprise Risk Committee approves the Corporation's liquidity policy and contingency funding plan, including establishing liquidity risk tolerance levels. The ALMRC, in conjunction with the Board and its committees, monitors our liquidity position and reviews the impact of strategic decisions on our liquidity. ALMRC is responsible for managing liquidity risks and ensuring exposures remain within the established tolerance levels. ALMRC delegates additional oversight responsibilities to the ROC, which reports to ALMRC. The ROC reviews and monitors our liquidity position, cash flow forecasts, stress testing scenarios and results, and implements our liquidity limits and guidelines. For more information, refer to Board Oversight of Risk beginning on page 65.

Under this governance framework, we have developed certain funding and liquidity risk management practices which include: maintaining excess
liquidity at the parent company and selected subsidiaries, including our bank and broker/dealer subsidiaries; determining what amounts of excess liquidity are appropriate for these entities based on analysis of debt maturities and other potential cash outflows, including those that we may experience during stressed market conditions; diversifying funding sources, considering our asset profile and legal entity structure; and performing contingency planning.

## Global Excess Liquidity Sources and Other Unencumbered Assets

We maintain excess liquidity available to the parent company and selected subsidiaries in the form of cash and high-quality, liquid, unencumbered securities. These assets serve as our primary means of liquidity risk mitigation and we call these assets our "Global Excess Liquidity Sources." Our cash is primarily on deposit with central banks, such as the Federal Reserve. We limit the composition of high-quality, liquid, unencumbered securities to U.S. government securities, U.S. agency securities, U.S. agency MBS and a select group of non-U.S. government securities. We believe we can quickly obtain cash for these securities, even in stressed market conditions, through repurchase agreements or outright sales. We hold our Global Excess Liquidity Sources in entities that allow us to meet the liquidity requirements of our global businesses and we consider the impact of potential regulatory, tax, legal and other restrictions that could limit the transferability of funds among entities.

Our global excess liquidity sources increased $\$ 122$ billion to $\$ 336$ billion at December 31, 2010 compared to $\$ 214$ billion at December 31, 2009 and were maintained as presented in the table below. This increase was due primarily to liquidity generated by our bank subsidiaries through deposit growth, loan repayments combined with lower loan demand and other factors.

Table 16 Global Excess Liquidity Sources

|  | December 31 |  |
| :--- | ---: | ---: |
| (Dollars in billions) | 2010 | 2009 |
| Parent company | $\$ 121$ | $\$ 99$ |
| Bank subsidiaries | 180 | 89 |
| Broker/dealers | 35 | 26 |
| Total global excess liquidity sources | $\$ 336$ | $\$ 214$ |

As noted above, the excess liquidity available to the parent company is held in cash and high-quality, liquid, unencumbered securities and totaled $\$ 121$ billion and $\$ 99$ billion at December 31, 2010 and 2009. Typically, parent company cash is deposited overnight with Bank of America, N.A.

Our bank subsidiaries' excess liquidity sources at December 31, 2010 and 2009 were $\$ 180$ billion and $\$ 89$ billion. These amounts are distinct from the cash deposited by the parent company, as described above. In addition to their excess liquidity sources, our bank subsidiaries hold significant amounts of other unencumbered securities that we believe could also be used to generate liquidity, such as investment-grade ABS, MBS and municipal bonds. Another way our bank subsidiaries can generate incremental liquidity is by pledging a range of other unencumbered loans and securities to certain Federal Home Loan Banks and the Federal Reserve Discount Window. The cash we could have obtained by borrowing against this pool of specifically identified eligible assets was approximately $\$ 170$ billion and $\$ 187$ billion at December 31, 2010 and 2009. We have established operational procedures to enable us to borrow against these assets, including regularly monitoring our total pool of eligible loans and securities collateral. Due to regulatory restrictions, liquidity generated by the bank subsidiaries can only be used to fund obligations within the bank subsidiaries and cannot be transferred to the parent company or nonbank subsidiaries.

Our broker/dealer subsidiaries' excess liquidity sources at December 31, 2010 and 2009 consisted of $\$ 35$ billion and $\$ 26$ billion in cash and highquality, liquid, unencumbered securities. Our broker/dealers also held
significant amounts of other unencumbered securities we believe could also be used to generate additional liquidity, including investment-grade corporate securities and equities. Liquidity held in a broker/dealer subsidiary is only available to meet the obligations of that entity and cannot be transferred to the parent company or to any other subsidiary, often due to regulatory restrictions and minimum requirements.

## Time to Required Funding and Stress Modeling

We use a variety of metrics to determine the appropriate amounts of excess liquidity to maintain at the parent company and our bank and broker/dealer subsidiaries. One metric we use to evaluate the appropriate level of excess liquidity at the parent company is "Time to Required Funding." This debt coverage measure indicates the number of months that the parent company can continue to meet its unsecured contractual obligations as they come due using only its Global Excess Liquidity Sources without issuing any new debt or accessing any additional liquidity sources. We define unsecured contractual obligations for purposes of this metric as maturities of senior or subordinated debt issued or guaranteed by Bank of America Corporation or Merrill Lynch \& Co., Inc., including certain unsecured debt instruments, primarily structured notes, which we may be required to settle for cash prior to maturity. The ALMRC has established a target for Time to Required Funding of 21 months. Time to Required Funding was 24 months at December 31, 2010 compared to 25 months at December 31, 2009.

We utilize liquidity stress models to assist us in determining the appropriate amounts of excess liquidity to maintain at the parent company and our bank and broker/dealer subsidiaries. These risk sensitive models have become increasingly important in analyzing our potential contractual and contingent cash outflows beyond those outflows considered in the Time to Required Funding analysis.

We evaluate the liquidity requirements under a range of scenarios with varying levels of severity and time horizons. These scenarios incorporate market-wide and Corporation-specific events, including potential credit ratings downgrades for the parent company and our subsidiaries. We consider and utilize scenarios based on historical experience, regulatory guidance, and both expected and unexpected future events.

The types of contractual and contingent cash outflows we consider in our scenarios may include, but are not limited to: upcoming contractual maturities of unsecured debt and reductions in new debt issuance; diminished access to secured financing markets; potential deposit withdrawals and reduced rollover of maturing term deposits by customers; increased draws on loan commitments and liquidity facilities; additional collateral that counterparties could call if our credit ratings were downgraded; collateral, margin and subsidiary capital requirements arising from losses; and potential liquidity required to maintain businesses and finance customer activities.

We consider all sources of funds that we could access during each stress scenario and focus particularly on matching available sources with corresponding liquidity requirements by legal entity. We also use the stress modeling results to manage our asset-liability profile and establish limits and guidelines on certain funding sources and businesses.

## Basel III Liquidity Standards

In December 2010, the Basel Committee on Bank Supervision issued "International framework for liquidity risk measurement, standards and monitoring," which includes two measures of liquidity risk. These two minimum liquidity measures were initially introduced in guidance in December 2009 and are considered part of Basel III.

The first liquidity measure is the Liquidity Coverage Ratio (LCR) which identifies the amount of unencumbered, high quality liquid assets a financial institution holds that can be used to offset the net cash outflows the institution would encounter under an acute 30-day stress scenario. The second
liquidity measure is the Net Stable Funding Ratio (NSFR) which measures the amount of longer-term, stable sources of funding employed by a financial institution relative to the liquidity profiles of the assets funded and the potential for contingent calls on funding liquidity arising from off-balance sheet commitments and obligations over a one-year period. The Basel Committee expects the LCR to be implemented in January 2015 and the NSFR in January 2018, following observation periods beginning in 2012. We continue to monitor the development and the potential impact of these evolving proposals and expect to be able to meet the final requirements.

## Diversified Funding Sources

We fund our assets primarily with a mix of deposits and secured and unsecured liabilities through a globally coordinated funding strategy. We diversify our funding globally across products, programs, markets, currencies and investor bases.

We fund a substantial portion of our lending activities through our deposit base which was $\$ 1.0$ trillion and $\$ 992$ billion at December 31, 2010 and 2009. Deposits are primarily generated by our Deposits, Global Commercial Banking, GWIM and GBAM segments. These deposits are diversified by clients, product type and geography. Certain of our U.S. deposits are insured by the FDIC. We consider a substantial portion of our deposits to be a stable, low-cost and consistent source of funding. We believe this deposit funding is generally less sensitive to interest rate changes, market volatility or changes in our credit ratings than wholesale funding sources.

Certain consumer lending activities, primarily in our banking subsidiaries, may be funded through securitizations. Included in these consumer lending activities are the extension of mortgage, credit card, auto loans, home equity loans and lines of credit. If securitization markets are not available to us on favorable terms, we typically finance these loans with deposits or with wholesale borrowings. For additional information on securitizations, see Note 8-Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

Our trading activities are primarily funded on a secured basis through securities lending and repurchase agreements; these amounts will vary based on customer activity and market conditions. We believe funding these activities in the secured financing markets is more cost-efficient and less sensitive to changes in our credit ratings than unsecured financing. Repurchase agreements are generally short-term and often overnight. Disruptions in secured financing markets for financial institutions have occurred in prior market cycles which resulted in adverse changes in terms or significant reductions in the availability of such financing. We manage the liquidity risks arising from secured funding by sourcing funding globally from a diverse group of counterparties, providing a range of securities collateral and pursuing longer durations, when appropriate.

Unsecured debt, both short- and long-term, is also an important source of funding. We may issue unsecured debt through syndicated U.S. registered offerings, U.S. registered and unregistered medium-term note programs, non-U.S. medium-term note programs, non-U.S. private placements, U.S. and non-U.S. commercial paper and through other methods. We distribute a significant portion of our debt offerings through our retail and institutional sales forces to a large, diversified global investor base. Maintaining relationships with our investors is an important aspect of our funding strategy. We may, from time to time, purchase outstanding Bank of America Corporation debt securities in various transactions, depending upon prevailing market conditions, liquidity and other factors. In addition, we may also make markets in our debt instruments to provide liquidity for investors.

In addition, our parent company, bank and broker-dealer subsidiaries regularly access short-term secured and unsecured markets through federal funds purchased, commercial paper and other short-term borrowings to
support customer activities, short-term financing requirements and cash management.

At December 31, 2010, commercial paper and other short-term borrowings included $\$ 6.7$ billion of VIEs that were consolidated in accordance with new consolidation guidance effective January 1, 2010. For average and yearend balance discussions, see Balance Sheet Overview beginning on page 33. For more information, see Note 12 - Federal Funds Sold, Securities Borrowed or Purchased Under Agreements to Resell and Short-term Borrowings to the Consolidated Financial Statements.

We issue the majority of our long-term unsecured debt at the parent company and Bank of America, N.A. During 2010, the parent company and Bank of America, N.A. issued $\$ 28.8$ billion and $\$ 3.5$ billion of long-term senior unsecured debt.

We issue long-term unsecured debt in a variety of maturities and currencies to achieve cost-efficient funding and to maintain an appropriate maturity profile. While the cost and availability of unsecured funding may be negatively impacted by general market conditions or by matters specific to the financial services industry or the Corporation, we seek to mitigate refinancing risk by actively managing the amount of our borrowings that we anticipate will mature within any month or quarter.

The primary benefits of our centralized funding strategy include greater control, reduced funding costs, wider name recognition by investors and greater flexibility to meet the variable funding requirements of subsidiaries. Where regulations, time zone differences or other business considerations make parent company funding impractical, certain other subsidiaries may issue their own debt.

At December 31, 2010 and 2009, our long-term debt was in the currencies presented in the table below.

Table 17 Long-term Debt By Major Currency

|  | December $\mathbf{3 1}$ |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| U.S. Dollar | $\$ 302,487$ | $\$ 281,692$ |
| Euros | 87,482 | 99,917 |
| Japanese Yen | 19,901 | 19,903 |
| British Pound | 16,505 | 16,460 |
| Australian Dollar | 6,924 | 7,973 |
| Canadian Dollar | 6,628 | 4,894 |
| Swiss Franc | 3,069 | 2,666 |
| Other | 5,435 | 5,016 |
| Total long-term debt | $\$ 448,431$ | $\$ 438,521$ |

At December 31, 2010, the above table includes $\$ 71.0$ billion of primarily U.S. Dollar long-term debt of VIEs that were consolidated in accordance with new consolidation guidance effective January 1, 2010.

We use derivative transactions to manage the duration, interest rate and currency risks of our borrowings, considering the characteristics of the assets they are funding. For further details on our ALM activities, refer to Interest Rate Risk Management for Nontrading Activities beginning on page 107.

We also diversify our funding sources by issuing various types of debt instruments including structured notes, which are debt obligations that pay investors with returns linked to other debt or equity securities, indices, currencies or commodities. We typically hedge the returns we are obligated to pay on these notes with derivative positions and/or in the underlying instruments so that from a funding perspective, the cost is similar to our other unsecured long-term debt. We could be required to immediately settle certain structured note obligations for cash or other securities under certain circumstances, which we consider for liquidity planning purposes. We believe, however, that a portion of such borrowings will remain outstanding beyond the
earliest put or redemption date. We had outstanding structured notes of $\$ 61.1$ billion and $\$ 57.0$ billion at December 31, 2010 and 2009.

Substantially all of our senior and subordinated debt obligations contain no provisions that could trigger a requirement for an early repayment, require additional collateral support, result in changes to terms, accelerate maturity or create additional financial obligations upon an adverse change in our credit ratings, financial ratios, earnings, cash flows or stock price.

We participated in the FDIC's Temporary Liquidity Guarantee Program (TLGP) which allowed us to issue senior unsecured debt that the FDIC guaranteed in return for a fee based on the amount and maturity of the debt. At December 31, 2010 , we had $\$ 27.5$ billion outstanding under the program. We no longer issue debt under this program and all of our debt issued under TLGP will mature by June 30, 2012. Under this program, our debt received the highest long-term ratings from the major credit ratings agencies which resulted in a lower total cost of issuance than if we had issued non-FDIC guaranteed long-term debt. The associated FDIC fee for the 2009 issuances was $\$ 554$ million and is being amortized into expense over the stated term of the debt.

For additional information on debt funding, see Note 13 - Long-term Debt to the Consolidated Financial Statements.

## Contingency Planning

We maintain contingency funding plans that outline our potential responses to liquidity stress events at various levels of severity. These policies and plans are based on stress scenarios and include potential funding strategies, and communication and notification procedures that we would implement in the event we experienced stressed liquidity conditions. We periodically review and test the contingency funding plans to validate efficacy and assess readiness.

Our U.S. bank subsidiaries can access contingency funding through the Federal Reserve Discount Window. Certain non-U.S. subsidiaries have access to central bank facilities in the jurisdictions in which they operate. While we do not rely on these sources in our liquidity modeling, we maintain the policies, procedures and governance processes that would enable us to access these sources if necessary.

## Credit Ratings

Our borrowing costs and ability to raise funds are directly impacted by our credit ratings. In addition, credit ratings may be important to customers or counterparties when we compete in certain markets and when we seek to engage in certain transactions including OTC derivatives. Thus, it is our objective to maintain high-quality credit ratings.

Credit ratings and outlooks are opinions on our creditworthiness and that of our obligations or securities, including long-term debt, short-term borrowings, preferred stock and other securities, including asset securitizations. Our credit ratings are subject to ongoing review by the ratings agencies and thus may change from time to time based on a number of factors, including our own financial strength, performance, prospects and operations as well as factors not under our control, such as ratings agency-specific criteria or frameworks for our industry or certain security types, which are subject to revision from time to time, and conditions affecting the financial services industry generally. In light of the recent difficulties in the financial services industry and financial markets, there can be no assurance that we will maintain our current ratings.

During 2009 and 2010, the ratings agencies took numerous actions, many of which were negative, to adjust our credit ratings and the outlooks for those ratings. Currently, Bank of America Corporation's long-term senior debt
and outlook expressed by the ratings agencies are as follows: A2 (negative) by Moody's Investors Services, Inc. (Moody's), A (negative) by Standard and Poor's Ratings Services, a division of The McGraw-Hill Companies, Inc. (S\&P), and A+ (Rating Watch Negative) by Fitch, Inc. (Fitch). Bank of America, N.A.'s long-term debt and outlook currently are as follows: A+ (negative), Aa3 (negative) and A+ (Rating Watch Negative) by those same three credit ratings agencies, respectively. The ratings agencies have indicated that, as a systemically important financial institution, our credit ratings currently reflect their expectation that, if necessary, we would receive significant support from the U.S. government. All three ratings agencies, however, have indicated they will reevaluate, and could reduce the uplift they include in our ratings for government support for reasons arising from financial services regulatory reform proposals or legislation. In February 2010, S\&P affirmed our current credit ratings but revised the outlook to negative from stable based on its belief that it is less certain whether the U.S. government would be willing to provide extraordinary support. On July 27, 2010, Moody's affirmed our current ratings but revised the outlook to negative from stable due to its expectation for lower levels of government support over time as a result of the passage of the Financial Reform Act. Also, on October 22, 2010, Fitch placed our credit ratings on Rating Watch Negative from stable outlook due to proposed rulemaking that could negatively impact its assessment of future systemic government support. Other factors that influence our credit ratings include changes to the ratings agencies' methodologies, the ratings agencies' assessment of the general operating environment, our relative positions in the markets in which we compete, reputation, liquidity position, diversity of funding sources, the level and volatility of earnings, corporate governance and risk management policies, capital position, capital management practices and current or future regulatory and legislative initiatives.

A reduction in certain of our credit ratings or the ratings of certain assetbacked securitizations would likely have a material adverse effect on our liquidity, access to credit markets, the related cost of funds, our businesses and on certain trading revenues, particularly in those businesses where counterparty creditworthiness is critical. Under the terms of certain OTC derivatives contracts and other trading agreements, in the event of a credit ratings downgrade, the counterparties to those agreements may require us to provide additional collateral or to terminate these contracts or agreements. Such collateral calls or terminations could cause us to sustain losses, impair our liquidity, or both, by requiring us to provide the counterparties with additional collateral in the form of cash or highly liquid securities. If Bank of America Corporation's or Bank of America, N.A.'s commercial paper or short-term credit ratings (which currently have the following ratings: P-1 by Moody's, A-1 by S\&P and F1+ by Fitch) were downgraded by one or more levels, the potential loss of short-term funding sources such as commercial paper or repo financing and effect on our incremental cost of funds would be material. For information regarding the additional collateral and termination payments that would be required in connection with certain OTC derivative contracts and other trading agreements as a result of such a credit ratings downgrade, see Note 4 -Derivatives to the Consolidated Financial Statements and Item 1A. Risk Factors of this Annual Report on Form 10-K.

The credit ratings of Merrill Lynch \& Co., Inc. from the three major credit ratings agencies are the same as those of Bank of America Corporation. The major credit ratings agencies have indicated that the primary drivers of Merrill Lynch's credit ratings are Bank of America Corporation's credit ratings.

## Credit Risk Management

Credit quality continued to show improvement during 2010; although, net charge-offs, and nonperforming loans, leases and foreclosed properties remained elevated. Signs of economic stability and our proactive credit risk management initiatives positively impacted the credit portfolio as charge-offs and delinquencies continued to improve across almost all portfolios along with risk rating improvements in the commercial portfolio. Global and national economic uncertainty, regulatory initiatives and reform, however, continued to weigh on the credit portfolios through December 31, 2010. For more information, see 2010 Economic and Business Environment on page 29. Credit metrics were also impacted by loans added to the balance sheet on January 1 , 2010 in connection with the adoption of new consolidation guidance.

Credit risk is the risk of loss arising from the inability of a borrower or counterparty to meet its obligations. Credit risk can also arise from operational failures that result in an erroneous advance, commitment or investment of funds. We define the credit exposure to a borrower or counterparty as the loss potential arising from all product classifications including loans and leases, deposit overdrafts, derivatives, assets held-for-sale and unfunded lending commitments which include loan commitments, letters of credit and financial guarantees. Derivative positions are recorded at fair value and assets held-for-sale are recorded at fair value or the lower of cost or fair value. Certain loans and unfunded commitments are accounted for under the fair value option. Credit risk for these categories of assets is not accounted for as part of the allowance for credit losses but as part of the fair value adjustments recorded in earnings. For derivative positions, our credit risk is measured as the net replacement cost in the event the counterparties with contracts in which we are in a gain position fail to perform under the terms of those contracts. We use the current mark-to-market value to represent credit exposure without giving consideration to future mark-to-market changes. The credit risk amounts take into consideration the effects of legally enforceable master netting agreements and cash collateral. Our consumer and commercial credit extension and review procedures take into account funded and unfunded credit exposures. For additional information on derivative and credit extension commitments, see Note 4 -Derivatives and Note 14 -Commitments and Contingencies to the Consolidated Financial Statements.

We manage credit risk based on the risk profile of the borrower or counterparty, repayment sources, the nature of underlying collateral, and other support given current events, conditions and expectations. We classify our portfolios as either consumer or commercial and monitor credit risk in each as discussed below.

We proactively refine our underwriting and credit management practices, as well as credit standards, to meet the changing economic environment. To actively mitigate losses and enhance customer support in our consumer businesses, we have expanded collections, loan modification and customer assistance infrastructures. We also have implemented a number of actions to mitigate losses in the commercial businesses including increasing the frequency and intensity of portfolio monitoring, hedging activity and our practice of transferring management of deteriorating commercial exposures to independent special asset officers as credits approach criticized levels.

Since January 2008, and through 2010, Bank of America and Countrywide have completed nearly 775,000 loan modifications with customers. During 2010, we completed nearly 285,000 customer loan modifications with a total unpaid principal balance of approximately $\$ 65.7$ billion, which included 109,000 customers who converted from trial period to permanent modifications under the government's MHA program. Of the loan modifications
completed in 2010, in terms of both the volume of modifications and the unpaid principal balance associated with the underlying loans, most were in the portfolio serviced for investors and were not on our balance sheet. The most common types of modifications during the year include a combination of rate reduction and capitalization of past due amounts which represent 68 percent of the volume of modifications completed in 2010, while principal forbearance represented 15 percent and capitalization of past due amounts represented nine percent. We also provide rate reductions, rate and payment extensions, principal forgiveness and other actions. These modification types are generally considered troubled debt restructurings (TDRs). For more information on TDRs and portfolio impacts, see Nonperforming Consumer Loans and Foreclosed Properties Activity beginning on page 85 and Note 6-Outstanding Loans and Leases to the Consolidated Financial Statements.

On October 1, 2010, we voluntarily stopped taking residential mortgage foreclosure proceedings to judgment in judicial states. On October 8, 2010, we stopped foreclosure sales in all states in order to complete an assessment of the related business processes. As a result of that assessment, we identified and began implementing process and control enhancements and we intend to monitor ongoing quality results of each process. After these enhancements were put in place, we resumed foreclosure sales in most nonjudicial states during the fourth quarter of 2010, and expect sales to resume in the remaining non-judicial states in the first quarter of 2011. The process of preparing affidavits in pending proceedings in judicial states is expected to continue into the first quarter of 2011 and could result in prolonged adversary proceedings that delay certain foreclosure sales. We took these precautionary steps in order to ensure our processes for handling foreclosures include the appropriate controls and quality assurance. These initiatives further support our credit risk management and mitigation efforts. For more information, see Recent Events beginning on page 37.

Certain European countries, including Greece, Ireland, Italy, Portugal and Spain, continue to experience varying degrees of financial stress. Risks and ongoing concerns about the debt crisis in Europe could result in a disruption of the financial markets which could have a detrimental impact on the global economic recovery, including the impact of non-sovereign debt in these countries. For more information on our direct sovereign and non-sovereign exposures in these countries, see Non-U.S. Portfolio beginning on page 98.

The Financial Accounting Standards Board (FASB) issued new disclosure guidance, effective on a prospective basis for the Corporation's 2010 yearend reporting, that addresses disclosure of loans and other financing receivables and the related allowance. The new disclosure guidance defines a portfolio segment as the level at which an entity develops and documents a systematic methodology to determine the allowance for credit losses, and a class of financing receivables as the level of disaggregation of portfolio segments based on the initial measurement attribute, risk characteristics and methods for assessing risk. The Corporation's portfolio segments are home loans, credit card and other consumer, and commercial. The classes within the home loans portfolio segment are residential mortgage, home equity and discontinued real estate. The classes within the credit card and other consumer portfolio segment are U.S. credit card, non-U.S. credit card, direct/indirect consumer and other consumer. The classes within the commercial portfolio segment are U.S. commercial, commercial real estate, commercial lease financing, non-U.S. commercial and U.S. small business commercial. Under this new disclosure guidance, the allowance is presented by portfolio segment.

## Consumer Portfolio Credit Risk Management

Credit risk management for the consumer portfolio begins with initial underwriting and continues throughout a borrower's credit cycle. Statistical techniques in conjunction with experiential judgment are used in all aspects of portfolio management including underwriting, product pricing, risk appetite, setting credit limits and establishing operating processes and metrics to quantify and balance risks and returns. Statistical models are built using detailed behavioral information from external sources such as credit bureaus and/or internal historical experience. These models are a component of our consumer credit risk management process and are used, in part, to help determine both new and existing credit decisions, portfolio management strategies including authorizations and line management, collection practices and strategies, determination of the allowance for loan and lease losses, and economic capital allocations for credit risk.

For information on our accounting policies regarding delinquencies, nonperforming status, charge-offs and TDRs for the consumer portfolio, see Note 1 - Summary of Significant Accounting Principles to the Consolidated Financial Statements.

## Consumer Credit Portfolio

Although unemployment rates remained at elevated levels, improvement in the U.S. economy and stabilization in the labor markets during 2010 resulted in lower losses and lower delinquencies in almost all consumer portfolios during 2010 when compared to 2009 on a managed basis. However, economic deterioration throughout 2009 and weakness in the economic recovery in 2010 drove continued stress in the housing markets and tighter availability of credit in the market place resulting in elevated net charge-offs in most portfolios. In addition, during 2010, our consumer real estate portfolios were impacted by net charge-offs on certain modified loans deemed to be collateral dependent pursuant to clarification of regulatory guidance. For more
information on regulatory guidance on collateral dependent modified loans, see Regulatory Matters beginning on page 60.

Under the new consolidation guidance, we consolidated all previously offbalance sheet securitized credit card receivables along with certain home equity and auto loan securitization trusts. The 2010 consumer credit card credit quality statistics include the impact of consolidation of VIEs. The following tables include the December 31, 2009 balances as well as the January 1, 2010 balances to show the impact of the adoption of the new consolidation guidance. Accordingly, the December 31, 2010 credit quality statistics under the new consolidation guidance should be compared to the amounts presented in the January 1, 2010 column.

The table below presents our outstanding consumer loans and the Countrywide PCl loan portfolio. Loans that were acquired from Countrywide and considered credit-impaired were written down to fair value upon acquisition. In addition to being included in the "Outstandings" columns in the table below, these loans are also shown separately, net of purchase accounting adjustments, in the "Countrywide Purchased Credit-impaired Loan Portfolio" column. Loans that were acquired from Merrill Lynch were recorded at fair value including those that were considered credit-impaired upon acquisition. The Merrill Lynch consumer PCI loan portfolio did not materially alter the reported credit quality statistics of the consumer portfolios and is, therefore, excluded from the "Countrywide Purchased Credit-impaired Loan Portfolio" column and the following discussion. For additional information, see Note 6 - Outstanding Loans and Leases to the Consolidated Financial Statements. The impact of the Countrywide PCI loan portfolio on certain credit statistics is reported where appropriate. See Countrywide Purchased Credit-impaired Loan Portfolio beginning on page 82 for more information. Under certain circumstances, loans that were originally classified as discontinued real estate loans upon acquisition have been subsequently modified from pay option or subprime loans into loans with more conventional terms and are now included in the residential mortgage portfolio shown below.

## Table 18 Consumer Loans

|  | Outstandings |  |  | Countrywide <br> Purchased <br> Credit-impaired Loan Portfolio |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | December 31 | January 1 | December 31 | December 31 |  |
| (Dollars in millions) | $2010{ }^{(1)}$ | $2010{ }^{(1)}$ | 2009 | $2010{ }^{(1)}$ | 2009 |
| Residential mortgage ${ }^{(2)}$ | \$257,973 | \$242,129 | \$242,129 | \$10,592 | \$11,077 |
| Home equity | 137,981 | 154,202 | 149,126 | 12,590 | 13,214 |
| Discontinued real estate ${ }^{(3)}$ | 13,108 | 14,854 | 14,854 | 11,652 | 13,250 |
| U.S. credit card | 113,785 | 129,642 | 49,453 | n/a | n/a |
| Non-U.S. credit card | 27,465 | 31,182 | 21,656 | n/a | n/a |
| Direct/Indirect consumer ${ }^{(4)}$ | 90,308 | 99,812 | 97,236 | n/a | n/a |
| Other consumer ${ }^{(5)}$ | 2,830 | 3,110 | 3,110 | n/a | n/a |
| Total | \$643,450 | \$674,931 | \$577,564 | \$34,834 | \$37,541 |

${ }^{(1)}$ Balances reflect the impact of new consolidation guidance. Adoption of the new consolidation guidance did not impact the Countrywide PCl loan portfolio.
${ }^{(2)}$ Outstandings include non-U.S. residential mortgages of $\$ 90$ million and $\$ 552$ million at December 31, 2010 and 2009.
${ }^{(3)}$ Outstandings include $\$ 11.8$ billion and $\$ 13.4$ billion of pay option loans and $\$ 1.3$ billion and $\$ 1.5$ billion of subprime loans at December 31, 2010 and 2009 . We no longer originate these products.
${ }^{(4)}$ Outstandings include dealer financial services loans of $\$ 42.9$ billion and $\$ 41.6$ billion, consumer lending loans of $\$ 12.9$ billion and $\$ 19.7$ billion, U.S. securities-based lending margin loans of $\$ 16.6$ billion and $\$ 12.9$ billion, student loans of $\$ 6.8$ billion and $\$ 10.8$ billion, non-U.S. consumer loans of $\$ 8.0$ billion and $\$ 8.0$ billion and other consumer loans of $\$ 3.1$ billion and $\$ 4.2$ billion at December 31, 2010 and 2009, respectively.
${ }^{(5)}$ Outstandings include consumer finance loans of $\$ 1.9$ billion and $\$ 2.3$ billion, other non-U.S. consumer loans of $\$ 803$ million and $\$ 709$ million and consumer overdrafts of $\$ 88$ million and $\$ 144$ million at December 31,2010 and 2009.
n/a = not applicable

The table below presents our accruing consumer loans past due 90 days or more and our consumer nonperforming loans. Nonperforming loans do not include past due consumer credit card loans, consumer non-real estatesecured loans or unsecured consumer loans as these loans are generally charged off no later than the end of the month in which the loan becomes 180 days past due. Real estate-secured past due consumer loans insured by the FHA are reported as accruing as opposed to nonperforming since the
principal repayment is insured by the FHA. FHA insured loans accruing past due 90 days or more are primarily related to our purchases of delinquent loans pursuant to our servicing agreements with GNMA. Additionally, nonperforming loans and accruing balances past due 90 days or more do not include the Countrywide PCl loans even though the customer may be contractually past due.

Table 19 Consumer Credit Quality

|  | Accruing Past Due 90 Days or More |  |  | Nonperforming |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | $\begin{array}{r} \text { December } 31 \\ 2010^{(1)} \end{array}$ | January 1 $2010^{(1)}$ | $\begin{array}{r} \text { December } 31 \\ 2009 \end{array}$ | $\begin{array}{r} \text { December } 31 \\ 2010^{(1)} \end{array}$ | January 1 $2010^{(1)}$ | $\begin{array}{r} \text { December } 31 \\ 2009 \end{array}$ |
| Residential mortgage ${ }^{(2,3)}$ | \$16,768 | \$11,680 | \$11,680 | \$17,691 | \$16,596 | \$16,596 |
| Home equity ${ }^{(2)}$ | - | - | - | 2,694 | 4,252 | 3,804 |
| Discontinued real estate ${ }^{(2)}$ | - | - | - | 331 | 249 | 249 |
| U.S. credit card | 3,320 | 5,408 | 2,158 | n/a | n/a | n/a |
| Non-U.S. credit card | 599 | 814 | 515 | n/a | n/a | n/a |
| Direct/Indirect consumer | 1,058 | 1,492 | 1,488 | 90 | 86 | 86 |
| Other consumer | 2 | 3 | 3 | 48 | 104 | 104 |
| Total | \$21,747 | \$19,397 | \$15,844 | \$20,854 | \$21,287 | \$20,839 |

${ }^{(1)}$ Balances reflect the impact of new consolidation guidance.
${ }^{(2)}$ Our policy is to classify consumer real estate-secured loans as nonperforming at 90 days past due, except Countrywide PCI loans and FHA loans as referenced in footnote (3).
${ }^{(3)}$ At December 31, 2010 and 2009, balances accruing past due 90 days or more represent loans insured by the FHA. These balances include $\$ 8.3$ billion and $\$ 2.2$ billion of loans that are no longer accruing interest or interest has been curtailed by the FHA although principal is still insured and $\$ 8.5$ billion and $\$ 9.5$ billion of loans that were still accruing interest. Our policy is to classify delinquent consumer loans secured by real estate and insured by the FHA as accruing past due 90 days or more.
$\mathrm{n} / \mathrm{a}=$ not applicable

Accruing consumer loans and leases past due 90 days or more as a percentage of outstanding consumer loans and leases were 3.38 percent ( 0.90 percent excluding the Countrywide PCl and FHA insured loan portfolios) and 2.74 percent ( 0.79 percent excluding the Countrywide PCl and FHA insured loan portfolios) at December 31, 2010 and 2009. Nonperforming consumer loans as a percentage of outstanding consumer loans were
3.24 percent ( 3.76 percent excluding the Countrywide PCl and FHA insured loan portfolios) and 3.61 percent ( 3.95 percent excluding the Countrywide PCl and FHA insured loan portfolios) at December 31, 2010 and 2009.

The table below presents net charge-offs and related ratios for our consumer loans and leases for 2010 and 2009 (managed basis for 2009).

Table 20 Consumer Net Charge-offs, Net Losses and Related Ratios

|  | Net Charge-offs |  | Net Charge-offs ${ }^{(1,2)}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 |
| Held basis |  |  |  |  |
| Residential mortgage | \$ 3,670 | \$ 4,350 | 1.49\% | 1.74\% |
| Home equity | 6,781 | 7,050 | 4.65 | 4.56 |
| Discontinued real estate | 68 | 101 | 0.49 | 0.58 |
| U.S. credit card | 13,027 | 6,547 | 11.04 | 12.50 |
| Non-U.S. credit card | 2,207 | 1,239 | 7.88 | 6.30 |
| Direct/Indirect consumer | 3,336 | 5,463 | 3.45 | 5.46 |
| Other consumer | 261 | 428 | 8.89 | 12.94 |
| Total held | \$29,350 | \$25,178 | 4.51 | 4.22 |
|  | Net | sses | Net Lo | s ${ }^{(1)}$ |
| Supplemental managed basis data |  |  |  |  |
| U.S. credit card | n/a | \$16,962 | n/a | 12.07 |
| Non-U.S. credit card | n/a | 2,223 | n/a | 7.43 |
| Total credit card - managed | n/a | \$19,185 | n/a | 11.25 |

${ }^{(1)}$ Net charge-off and net loss ratios are calculated as held net charge-offs or managed net losses divided by average outstanding held or managed loans and leases.
${ }^{(2)}$ Net charge-off ratios excluding the Countrywide PCl and FHA insured loan portfolio were 1.79 percent and 1.83 percent for residential mortgage, 5.10 percent and 5.00 percent for home equity, 4.20 percent and 5.57 percent for discontinued real estate and 5.02 percent and 4.53 percent for the total held portfolio for 2010 and 2009. These are the only product classifications materially impacted by the Countrywide PCI loan portfolio for 2010 and 2009 . For all loan and lease categories, the net charge-offs were unchanged.
$\mathrm{n} / \mathrm{a}=$ not applicable

We believe that the presentation of information adjusted to exclude the impact of the Countrywide PCI and FHA insured loan portfolios is more representative of the ongoing operations and credit quality of the business. As a result, in the following discussions of the residential mortgage, home
equity and discontinued real estate portfolios, we provide information that is adjusted to exclude the impact of the Countrywide PCl and FHA insured loan portfolios. In addition, beginning on page 82, we separately disclose information on the Countrywide PCI loan portfolio.

## Residential Mortgage

The residential mortgage portfolio, which excludes the discontinued real estate portfolio acquired with Countrywide, makes up the largest percentage of our consumer loan portfolio at 40 percent of consumer loans at December 31, 2010. Approximately 14 percent of the residential mortgage portfolio is in GWIM and represents residential mortgages that are originated for the home purchase and refinancing needs of our affluent clients. The remaining portion of the portfolio is mostly in All Other and is comprised of both residential loans originated for our customers and used in our overall ALM activities as well as purchased loans.

Outstanding balances in the residential mortgage portfolio increased $\$ 15.8$ billion at December 31, 2010 compared to December 31, 2009 as new FHA insured origination volume was partially offset by paydowns, the sale
of First Republic, transfers to foreclosed properties and charge-offs. In addition, FHA repurchases of delinquent loans pursuant to our servicing agreements with GNMA also increased the residential mortgage portfolio during 2010. At December 31, 2010 and 2009, the residential mortgage portfolio included $\$ 53.9$ billion and $\$ 12.9$ billion of outstanding loans that were insured by the FHA. On this portion of the residential mortgage portfolio, we are protected against principal loss as a result of FHA insurance. The table below presents certain residential mortgage key credit statistics on both a reported basis and excluding the Countrywide PCl and FHA insured loan portfolios. We believe the presentation of information adjusted to exclude the impacts of the Countrywide PCl and FHA insured loan portfolios is more representative of the credit risk in this portfolio. For more information on the Countrywide PCl loan portfolio, see the discussion beginning on page 82.

Table 21 Residential Mortgage - Key Credit Statistics
(Dollars in millions)
Outstandings
Accruing past due 90 days or more
Nonperforming loans
Percent of portfolio with refreshed LTVs greater than 90 but less than 100
Percent of portfolio with refreshed LTVs greater than 100
Percent of portfolio with refreshed FICOs below 620
Percent of portfolio in the 2006 and 2007 vintages
Net charge-off ratio
$\mathrm{n} / \mathrm{a}=$ not applicable
The following discussion presents the residential mortgage portfolio excluding the Countrywide PCl and FHA insured loan portfolios.

We have mitigated a portion of our credit risk on the residential mortgage portfolio through the use of synthetic securitization vehicles and long-term standby agreements with FNMA and FHLMC as described in Note 6-Outstanding Loans and Leases to the Consolidated Financial Statements. At December 31, 2010 and 2009, the synthetic securitization vehicles referenced $\$ 53.9$ billion and $\$ 70.7$ billion of residential mortgage loans and provided loss protection up to $\$ 1.1$ billion and $\$ 1.4$ billion. At December 31, 2010 and 2009, the Corporation had a receivable of $\$ 722$ million and $\$ 1.0$ billion from these vehicles for reimbursement of losses. The Corporation records an allowance for credit losses on loans referenced by the synthetic securitization vehicles. The reported net charge-offs for the residential mortgage portfolio do not include the benefit of amounts reimbursable from these vehicles. Adjusting for the benefit of the credit protection from the synthetic securitizations, the residential mortgage net charge-off ratio for 2010 would have been reduced by seven bps compared to 27 bps for 2009. Synthetic securitizations and the protection provided by FNMA and FHLMC together mitigated risk on 35 percent of our residential mortgage portfolio at both December 31, 2010 and 2009. These credit protection agreements reduce our regulatory risk-weighted assets due to the transfer of a portion of our credit risk to unaffiliated parties. At December 31, 2010 and 2009, these transactions had the cumulative effect of reducing our risk-weighted assets by $\$ 8.6$ billion and $\$ 16.8$ billion, and increased our Tier 1 capital ratio by seven bps and 11 bps and our Tier 1 common capital ratio by five bps and eight bps. At December 31, 2010 and 2009, $\$ 14.3$ billion and $\$ 6.6$ billion in loans were protected by long-term standby agreements. The Corporation does not record an allowance for credit losses on loans protected by these long-term standby agreements.

Nonperforming residential mortgage loans increased $\$ 1.1$ billion compared to December 31, 2009 as new inflows, which continued to slow in 2010 due to favorable delinquency trends, continued to outpace nonperforming loans returning to performing status, charge-offs, and paydowns and payoffs. At December 31, 2010, $\$ 12.7$ billion, or 72 percent, of the nonperforming residential mortgage loans were 180 days or more past due and had been written down to the fair value of the underlying collateral. Net charge-offs decreased $\$ 680$ million to $\$ 3.7$ billion in 2010, or 1.79 percent of total average residential mortgage loans compared to 1.83 percent for 2009 driven primarily by favorable delinquency trends which were due in part to improvement in the U.S. economy. Net charge-off ratios were further impacted by lower loan balances primarily due to paydowns, the sale of First Republic and charge-offs.

Certain risk characteristics of the residential mortgage portfolio continued to contribute to higher losses. These characteristics include loans with a high refreshed loan-to-value (LTV), loans originated at the peak of home prices in 2006 and 2007, Ioans to borrowers located in California and Florida where we have concentrations and where significant declines in home prices have been experienced, as well as interest-only loans. Although the following disclosures address each of these risk characteristics separately, there is significant overlap in loans with these characteristics, which contributed to a disproportionate share of the losses in the portfolio. The residential mortgage loans with all of these higher risk characteristics comprised five percent and seven percent of the residential mortgage portfolio at December 31, 2010 and 2009, but accounted for 26 percent of the residential mortgage net chargeoffs in 2010 compared to 31 percent in 2009.

Residential mortgage loans with a greater than 90 percent but less than 100 percent refreshed LTV represented 10 percent and 11 percent of the residential mortgage portfolio at December 31, 2010 and 2009. Loans with a refreshed LTV greater than 100 percent represented 23 percent of the residential mortgage loan portfolio at both December 31, 2010 and 2009. Of the loans with a refreshed LTV greater than 100 percent, 88 percent were performing at both December 31, 2010 and 2009. Loans with a refreshed LTV greater than 100 percent reflect loans where the outstanding carrying value of the loan is greater than the most recent valuation of the property securing the loan. The majority of these loans have a refreshed LTV greater than 100 percent due primarily to home price deterioration from the weakened economy. Loans to borrowers with refreshed FICO scores below 620 represented 14 percent and 12 percent of the residential mortgage portfolio at December 31, 2010 and 2009.

The 2006 and 2007 vintage loans, which represented 38 percent and 42 percent of our residential mortgage portfolio at December 31, 2010 and 2009, have higher refreshed LTVs and accounted for 67 percent and 69 percent of nonperforming residential mortgage loans at December 31, 2010 and 2009. These vintages of loans accounted for 77 percent of residential mortgage net charge-offs during 2010 and 75 percent during 2009.

The table below presents outstandings, nonperforming loans and net charge-offs by certain state concentrations for the residential mortgage portfolio. California and Florida combined represented 42 percent of outstandings and 48 percent of nonperforming loans at December 31, 2010. These states accounted for 54 percent of the net charge-offs for 2010 compared to 58 percent for 2009. The Los Angeles-Long Beach-Santa Ana Metropolitan Statistical Area (MSA) within California represented 13 percent of outstandings at both December 31, 2010 and 2009, but comprised only seven percent of net charge-offs for both 2010 and 2009.

Table 22 Residential Mortgage State Concentrations

| (Dollars in millions) | December 31 |  |  |  | Year Ended December 31 <br> Net Charge-offs |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstandings |  | Nonperforming |  |  |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| California | \$ 68,341 | \$ 81,508 | \$ 6,389 | \$ 5,967 | \$1,392 | \$1,726 |
| Florida | 13,616 | 15,088 | 2,054 | 1,912 | 604 | 796 |
| New York | 12,545 | 15,752 | 772 | 632 | 44 | 66 |
| Texas | 9,077 | 9,865 | 492 | 534 | 52 | 59 |
| Virginia | 6,960 | 7,496 | 450 | 450 | 72 | 89 |
| Other U.S./Non-U.S. | 82,896 | 88,438 | 7,534 | 7,101 | 1,506 | 1,614 |
| Total residential mortgage loans ${ }^{(1)}$ | \$193,435 | \$218,147 | \$17,691 | \$16,596 | \$3,670 | \$4,350 |
| Total FHA insured loans | 53,946 | 12,905 |  |  |  |  |
| Total Countrywide purchased credit-impaired residential mortgage portfolio | 10,592 | 11,077 |  |  |  |  |
| Total residential mortgage loan portfolio | \$257,973 | \$242,129 |  |  |  |  |

${ }^{(1)}$ Amount excludes the Countrywide PCI residential mortgage and FHA insured loan portfolios.

Of the residential mortgage loans, $\$ 62.5$ billion, or 32 percent, at December 31, 2010 are interest-only loans of which 87 percent were performing. Nonperforming balances on interest-only residential mortgage loans were $\$ 8.0$ billion, or 45 percent of total nonperforming residential mortgages. Additionally, net charge-offs on the interest-only portion of the portfolio represented 53 percent of the total residential mortgage net charge-offs during 2010.

The Community Reinvestment Act (CRA) encourages banks to meet the credit needs of their communities for housing and other purposes, particularly in neighborhoods with low or moderate incomes. At December 31, 2010, our CRA portfolio was eight percent of the residential mortgage loan balances but comprised 17 percent of nonperforming residential mortgage loans. This portfolio also represented 23 percent of residential mortgage net charge-offs during 2010.

For information on representations and warranties related to our residential mortgage portfolio, see Representations and Warranties beginning on page 56 and Note 9-Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements.

## Home Equity

The home equity portfolio makes up 21 percent of the consumer portfolio and is comprised of home equity lines of credit, home equity loans and reverse mortgages. At December 31, 2010, approximately 88 percent of the home equity portfolio was included in Home Loans \& Insurance, while the remainder of the portfolio was primarily in GWIM. Outstanding balances in the home equity portfolio decreased $\$ 11.1$ billion at December 31, 2010 compared to December 31, 2009 due to charge-offs, paydowns and the sale of First Republic, partially offset by the adoption of new consolidation guidance, which resulted in the consolidation of $\$ 5.1$ billion of home equity loans on January 1, 2010. Of the loans in the home equity portfolio at December 31, 2010 and 2009, $\$ 24.8$ billion and $\$ 26.0$ billion, or 18 percent for both periods, were in first-lien positions ( 20 percent and 19 percent excluding the Countrywide PCl home equity loan portfolio). For more information on the Countrywide PCI home equity loan portfolio, see the discussion beginning on page 82.

Home equity unused lines of credit totaled $\$ 80.1$ billion at December 31, 2010 compared to $\$ 92.7$ billion at December 31, 2009. This decrease was due primarily to account attrition as well as line management initiatives on deteriorating accounts and the sale of First Republic, which more than offset new production. The home equity line of credit utilization rate was 59 percent at December 31, 2010 compared to 57 percent at December 31, 2009.

The table below presents certain home equity key credit statistics on both a reported basis as well as excluding the Countrywide PCI loan portfolio. We believe the presentation of information adjusted to exclude the impacts of the Countrywide PCI loan portfolio is more representative of the credit risk in this portfolio.

Table 23 Home Equity - Key Credit Statistics

| (Dollars in millions) | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Reported Basis |  | Excluding Countrywide Purchased Creditimpaired Loans |  |
|  | 2010 | 2009 | 2010 | 2009 |
| Outstandings | \$137,981 | \$149,126 | \$125,391 | \$135,912 |
| Nonperforming loans | 2,694 | 3,804 | 2,694 | 3,804 |
| Percent of portfolio with refreshed CLTVs greater than 90 but less than 100 | 11\% | 12\% | 11\% | 12\% |
| Percent of portfolio with refreshed CLTVs greater than 100 | 34 | 35 | 30 | 31 |
| Percent of portfolio with refreshed FICOs below 620 | 14 | 13 | 12 | 13 |
| Percent of portfolio in the 2006 and 2007 vintages | 50 | 52 | 47 | 49 |
| Net charge-off ratio | 4.65 | 4.56 | 5.10 | 5.00 |

The following discussion presents the home equity portfolio excluding the Countrywide PCI loan portfolio.

Nonperforming home equity loans decreased $\$ 1.1$ billion to $\$ 2.7$ billion compared to December 31, 2009 driven primarily by charge-offs, including those recorded in connection with regulatory guidance clarifying the timing of charge-offs on collateral dependent modified loans, and nonperforming loans returning to performing status which together outpaced delinquency inflows and the impact of the adoption of new consolidation guidance. At December 31, 2010, $\$ 916$ million, or 34 percent, of the nonperforming home equity loans were 180 days or more past due and had been written down to their fair values. Net charge-offs decreased $\$ 269$ million to $\$ 6.8$ billion, or 5.10 percent, of total average home equity loans for 2010 compared to $\$ 7.1$ billion, or 5.00 percent, for 2009 . The decrease was primarily driven by favorable portfolio trends due in part to improvement in the U.S. economy. This was partially offset by $\$ 822$ million of net charge-offs related to the implementation of regulatory guidance on collateral dependent modified loans and $\$ 463$ million of net charge-offs related to home equity loans that were consolidated on January 1, 2010 under new consolidation guidance. Net charge-off ratios were further impacted by lower loan balances primarily as a result of charge-offs, paydowns and the sale of First Republic.

There are certain risk characteristics of the home equity portfolio which have contributed to higher losses including loans with a high refreshed combined loan-to-value (CLTV), loans originated at the peak of home prices in 2006 and 2007 and loans in geographic areas that have experienced the most significant declines in home prices. Home price declines coupled with the fact that most home equity loans are secured by second-lien positions have significantly reduced and, in some cases, eliminated all collateral value after consideration of the first-lien position. Although the following disclosures address each of these risk characteristics separately, there is significant overlap in loans with these characteristics, which has contributed to a
disproportionate share of losses in the portfolio. Home equity loans with all of these higher risk characteristics comprised 10 percent and 11 percent of the total home equity portfolio at December 31, 2010 and 2009, but have accounted for 29 percent of the home equity net charge-offs in 2010 compared to 38 percent in 2009.

Home equity loans with greater than 90 percent but less than 100 percent refreshed CLTVs comprised 11 percent and 12 percent of the home equity portfolio at December 31, 2010 and 2009. Loans with refreshed CLTVs greater than 100 percent comprised 30 percent and 31 percent of the home equity portfolio at December 31, 2010 and 2009. Of those loans with a refreshed CLTV greater than 100 percent, 97 percent were performing at December 31, 2010 while 95 percent were performing at December 31, 2009. Home equity loans and lines of credit with a refreshed CLTV greater than 100 percent reflect loans where the carrying value and available line of credit of the combined loans are equal to or greater than the most recent valuation of the property securing the loan. Depending on the LTV of the first lien, there may be collateral in excess of the first lien that is available to reduce the severity of loss on the second lien. The majority of these high refreshed CLTV ratios are due to home price declines. In addition, loans to borrowers with a refreshed FICO score below 620 represented 12 percent and 13 percent of the home equity loans at December 31, 2010 and 2009. Of the total home equity portfolio, 75 percent and 72 percent at December 31, 2010 and 2009 were interest-only loans.

The 2006 and 2007 vintage loans, which represent 47 percent and 49 percent of our home equity portfolio at December 31, 2010 and 2009, have higher refreshed CLTVs and accounted for 57 percent of nonperforming home equity loans at December 31, 2010 compared to 62 percent at December 31, 2009. These vintages of loans accounted for 66 percent of net charge-offs in 2010 compared to 72 percent in 2009.

The table below presents outstandings, nonperforming loans and net charge-offs by certain state concentrations for the home equity loan portfolio. California and Florida combined represented 40 percent of the total home equity portfolio and 44 percent of nonperforming home equity loans at December 31, 2010. These states accounted for 55 percent of the home equity net charge-offs for 2010 compared to 60 percent of the home equity net charge-offs for 2009. In the New York area, the New York-Northern New Jersey-Long Island MSA made up 11 percent of outstanding home equity loans at both December 31, 2010 and 2009. This MSA comprised only six percent
of net charge-offs for both 2010 and 2009. The Los Angeles-Long BeachSanta Ana MSA within California made up 11 percent of outstanding home equity loans at both December 31, 2010 and 2009 and comprised 11 percent of net charge-offs for 2010 compared to 13 percent for 2009.

For information on representations and warranties related to our home equity portfolio, see Representations and Warranties beginning on page 56 and Note 9 -Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements.

Table 24 Home Equity State Concentrations

| (Dollars in millions) | December 31 |  |  |  | Year Ended December 31 <br> Net Charge-offs |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstandings |  | Nonperforming |  |  |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| California | \$ 35,426 | \$ 38,573 | \$ 708 | \$1,178 | \$2,341 | \$2,669 |
| Florida | 15,028 | 16,735 | 482 | 731 | 1,420 | 1,583 |
| New Jersey | 8,153 | 8,732 | 169 | 192 | 219 | 225 |
| New York | 8,061 | 8,752 | 246 | 274 | 273 | 262 |
| Massachusetts | 5,657 | 6,155 | 71 | 90 | 102 | 93 |
| Other U.S./Non-U.S. | 53,066 | 56,965 | 1,018 | 1,339 | 2,426 | 2,218 |
| Total home equity loans ${ }^{(1)}$ | \$125,391 | \$135,912 | \$2,694 | \$3,804 | \$6,781 | \$7,050 |

Total Countrywide purchased credit-impaired home

| equity loan portfolio | 12,590 | 13,214 |
| :--- | ---: | ---: |
| Total home equity loan portfolio | $\$ 137,981$ | $\$ 149,126$ |

${ }^{(1)}$ Amount excludes the Countrywide PCl home equity loan portfolio.

## Discontinued Real Estate

The discontinued real estate portfolio, totaling $\$ 13.1$ billion at December 31, 2010, consisted of pay option and subprime loans acquired in the Countrywide acquisition. Upon acquisition, the majority of the discontinued real estate portfolio was considered credit-impaired and written down to fair value. At December 31, 2010, the Countrywide PCI loan portfolio comprised $\$ 11.7$ billion, or 89 percent, of the total discontinued real estate portfolio. This portfolio is included in All Other and is managed as part of our overall ALM activities. See Countrywide Purchased Credit-impaired Loan Portfolio beginning on page 82 for more information on the discontinued real estate portfolio.

At December 31, 2010, the purchased discontinued real estate portfolio that was not credit-impaired was $\$ 1.4$ billion. Loans with greater than 90 percent refreshed LTVs and CLTVs comprised 29 percent of the portfolio and those with refreshed FICO scores below 620 represented 46 percent of the portfolio. California represented 37 percent of the portfolio and 34 percent of the nonperforming loans while Florida represented 10 percent of the portfolio and 15 percent of the nonperforming loans at December 31, 2010. The Los Angeles-Long Beach-Santa Ana MSA within California made up 16 percent of outstanding discontinued real estate loans at December 31, 2010.

Pay option adjustable-rate mortgages (ARMs), which are included in the discontinued real estate portfolio, have interest rates that adjust monthly and minimum required payments that adjust annually, subject to resetting of the loan if minimum payments are made and deferred interest limits are reached. Annual payment adjustments are subject to a 7.5 percent maximum change. To ensure that contractual loan payments are adequate to repay a loan, the fully amortizing loan payment amount is re-established after the initial five or 10 -year period and again every five years thereafter. These payment adjustments are not subject to the 7.5 percent limit and may be substantial due to changes in interest rates and the addition of unpaid interest to the loan
balance. Payment advantage ARMs have interest rates that are fixed for an initial period of five years. Payments are subject to reset if the minimum payments are made and deferred interest limits are reached. If interest deferrals cause a loan's principal balance to reach a certain level within the first 10 years of the life of the loan, the payment is reset to the interestonly payment; then at the 10 -year point, the fully amortizing payment is required.

The difference between the frequency of changes in the loans' interest rates and payments along with a limitation on changes in the minimum monthly payments of 7.5 percent per year can result in payments that are not sufficient to pay all of the monthly interest charges (i.e., negative amortization). Unpaid interest charges are added to the loan balance until the loan balance increases to a specified limit, which can be no more than 115 percent of the original loan amount, at which time a new monthly payment amount adequate to repay the loan over its remaining contractual life is established.

At December 31, 2010, the unpaid principal balance of pay option loans was $\$ 14.6$ billion, with a carrying amount of $\$ 11.8$ billion, including $\$ 11.0$ billion of loans that were credit-impaired upon acquisition. The total unpaid principal balance of pay option loans with accumulated negative amortization was $\$ 12.5$ billion including $\$ 858$ million of negative amortization. The percentage of borrowers electing to make only the minimum payment on option ARMs was 69 percent at December 31, 2010. We continue to evaluate our exposure to payment resets on the acquired negative-amortizing loans including the Countrywide PCI pay option loan portfolio and have taken into consideration several assumptions regarding this evaluation (e.g., prepayment rates). Based on our expectations, 11 percent and three percent of the pay option loan portfolio are expected to reset in 2011 and 2012. Approximately four percent are expected to reset thereafter and approximately 82 percent are expected to default or repay prior to being reset.

## Countrywide Purchased Credit-impaired Loan Portfolio

Loans acquired with evidence of credit quality deterioration since origination and for which it is probable at purchase that we will be unable to collect all contractually required payments are accounted for under the accounting guidance for PCI loans, which addresses accounting for differences between contractual and expected cash flows to be collected from the purchaser's initial investment in loans if those differences are attributable, at least in part, to credit quality. Evidence of credit quality deterioration as of the acquisition date may include statistics such as past due status, refreshed FICO scores and refreshed LTVs. PCI loans are recorded at fair value upon acquisition and
the applicable accounting guidance prohibits carrying over or recording valuation allowances in the initial accounting. The Merrill Lynch PCI consumer Ioan portfolio did not materially alter the reported credit quality statistics of the consumer portfolios. As such, the Merrill Lynch consumer PCI loans are excluded from the following discussion and credit statistics.

Acquired loans from Countrywide that were considered credit-impaired were written down to fair value at the acquisition date. The following table presents the unpaid principal balance, carrying value, allowance for loan and lease losses and the net carrying value as a percentage of the unpaid principal balance for the Countrywide PCI Ioan portfolio at December 31, 2010.

Table 25 Countrywide Purchased Credit-impaired Loan Portfolio

|  | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Unpaid <br> Principal <br> Balance | Carrying Value | Related Allowance | Carrying Value Net of Allowance | \% of Unpaid Principal Balance |
| Residential mortgage | \$11,481 | \$10,592 | \$ 229 | \$10,363 | 90.26\% |
| Home equity | 15,072 | 12,590 | 4,514 | 8,076 | 53.58 |
| Discontinued real estate | 14,893 | 11,652 | 1,591 | 10,061 | 67.56 |
| Total Countrywide purchased credit-impaired loan portfolio | \$41,446 | \$34,834 | \$6,334 | \$28,500 | 68.76\% |

Of the unpaid principal balance at December 31, 2010, $\$ 15.5$ billion was 180 days or more past due, including $\$ 10.9$ billion of first-lien and $\$ 4.6$ billion of home equity. Of the $\$ 25.9$ billion that is less than 180 days past due, $\$ 21.5$ billion, or 83 percent of the total unpaid principal balance, was current based on the contractual terms while $\$ 2.2$ billion, or eight percent, was in early stage delinquency. During 2010, we recorded $\$ 2.3$ billion of provision for credit losses on PCI loans which was comprised mainly of $\$ 1.4$ billion for home equity and $\$ 689$ million for discontinued real estate loans compared to a total provision for PCl loans of $\$ 3.3$ billion in 2009. Provision expense in 2010 was driven primarily by a slower pace of expected recovery in home prices, the result of a deteriorating view on defaults on more seasoned loans in the portfolio and a reassessment of modification and short sale benefits as we gain more experience with troubled borrowers. The Countrywide PCl allowance for loan losses increased $\$ 2.5$ billion from December 31, 2009 to $\$ 6.3$ billion at December 31, 2010 as a result of the increase in the provision for credit losses and the reclassification of a portion of nonaccretable difference to the allowance. For further information on the PCI loan portfolio, see Note 6-Outstanding Loans and Leases to the Consolidated Financial Statements.

Additional information on the Countrywide PCI residential mortgage, home equity and discontinued real estate loan portfolios follows.

Purchased Credit-impaired Residential Mortgage Loan Portfolio The Countrywide PCI residential mortgage loan portfolio outstandings were $\$ 10.6$ billion at December 31, 2010 and comprised 30 percent of the total Countrywide PCI loan portfolio. Those loans to borrowers with a refreshed FICO score below 620 represented 38 percent of the Countrywide PCI residential mortgage loan portfolio at December 31, 2010. Refreshed LTVs greater than 90 percent represented 68 percent of the PCl residential mortgage loan portfolio after consideration of purchase accounting adjustments and 82 percent based on the unpaid principal balance at December 31, 2010. Those loans that were originally classified as discontinued real estate loans upon acquisition and have been subsequently modified are now included in the residential mortgage outstandings. The table below presents outstandings net of purchase accounting adjustments, by certain state concentrations.

Table 26 Outstanding Countrywide Purchased Credit-impaired Loan Portfolio - Residential Mortgage State Concentrations

|  | December 31 |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| California | $\$ 5,882$ | $\$ 6,142$ |
| Florida | 779 | 843 |
| Virginia | 579 | 617 |
| Maryland | 271 | 278 |
| Texas | 164 | 166 |
| Other U.S./Non-U.S. | $\mathbf{2 , 9 1 7}$ | 3,031 |
| Total Countrywide purchased credit-impaired residential |  |  |
| $\quad$ mortgage loan portfolio | $\$ 10,592$ | $\$ 11,077$ |

## Purchased Credit-impaired Home Equity Loan Portfolio

The Countrywide PCI home equity loan portfolio outstandings were $\$ 12.6$ billion at December 31, 2010 and comprised 36 percent of the total Countrywide PCI loan portfolio. Those loans with a refreshed FICO score below 620 represented 26 percent of the Countrywide PCI home equity loan portfolio at December 31, 2010. Refreshed CLTVs greater than 90 percent represented 85 percent of the PCl home equity loan portfolio after consideration of purchase accounting adjustments and 85 percent based on the unpaid principal balance at December 31, 2010. The table below presents outstandings net of purchase accounting adjustments, by certain state concentrations.

Table 27 Outstanding Countrywide Purchased Credit-impaired Loan Portfolio - Home Equity State Concentrations

|  | December 31 |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| California | $\$ 4,178$ | $\$ 4,311$ |
| Florida | 750 | 765 |
| Virginia | 532 | 550 |
| Arizona | 520 | 542 |
| Colorado | 375 | 416 |
| Other U.S./Non-U.S. | 6,235 | 6,630 |
| Total Countrywide purchased credit-impaired home |  |  |
| $\quad \$ 12,590$ | $\$ 13,214$ |  |

## Purchased Credit-impaired Discontinued Real Estate Loan Portfolio

The Countrywide PCI discontinued real estate loan portfolio outstandings were $\$ 11.7$ billion at December 31, 2010 and comprised 34 percent of the total Countrywide PCI loan portfolio. Those loans to borrowers with a refreshed FICO score below 620 represented 62 percent of the Countrywide PCl discontinued real estate Ioan portfolio at December 31, 2010. Refreshed LTVs and CLTVs greater than 90 percent represented 55 percent of the PCl discontinued real estate loan portfolio after consideration of purchase accounting adjustments and 83 percent based on the unpaid principal balance at December 31, 2010. Those loans that were originally classified as discontinued real estate loans upon acquisition and have been subsequently modified are now excluded from this portfolio and included in the Countrywide PCI residential mortgage loan portfolio, but remain in the PCI loan pool. The table below presents outstandings net of purchase accounting adjustments, by certain state concentrations.

Table 28 Outstanding Countrywide Purchased Credit-impaired Loan Portfolio - Discontinued Real Estate State Concentrations

|  | December 31 |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| California | $\$ 6,322$ | $\$ 7,148$ |
| Florida | $\mathbf{1 , 1 2 1}$ | 1,315 |
| Washington | 368 | 421 |
| Virginia | 344 | 399 |
| Arizona | 339 | 430 |
| Other U.S./Non-U.S. | 3,158 | 3,537 |
| Total Countrywide purchased credit-impaired |  |  |
| $\quad$ discontinued real estate loan portfolio | $\$ 11,652$ | $\$ 13,250$ |

## U.S. Credit Card

Prior to the adoption of new consolidation guidance, the U.S. credit card portfolio was reported on both a held and managed basis. Managed basis assumed that securitized loans were not sold into credit card securitizations and presented credit quality information as if the loans had not been sold. Under the new consolidation guidance effective January 1, 2010, we consolidated the credit card securitization trusts and the new held basis is comparable to the previously reported managed basis. For more information on the adoption of the new consolidation guidance, see Note 8-Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

The table below presents certain U.S. credit card key credit statistics on a held basis for 2010 and managed basis for December 31, 2009.

Table 29 U.S. Credit Card - Key Credit Statistics

| (Dollars in millions) | $\begin{array}{r} \text { December } 31 \\ 2010^{(1)} \end{array}$ | $\begin{array}{r} \text { January } 1 \\ 2010^{(1)} \end{array}$ | $\begin{array}{r} \text { December } 31 \\ 2009 \end{array}$ |
| :---: | :---: | :---: | :---: |
| Outstandings | \$113,785 | \$129,642 | \$49,453 |
| Accruing past due 30 days or more | 5,913 | 9,866 | 3,907 |
| Accruing past due 90 days or more | 3,320 | 5,408 | 2,158 |
|  |  | 2010 | 2009 |
| Net charge-offs |  |  |  |
| Amount |  | \$13,027 | \$ 6,547 |
| Ratios |  | 11.04\% | 12.50\% |
| Supplemental managed basis data |  |  |  |
| Amount |  | n/a | \$16,962 |
| Ratios |  | n/a | 12.07\% |

${ }^{(1)}$ Balances reflect the impact of new consolidation guidance. $\mathrm{n} / \mathrm{a}=$ not applicable

The consumer U.S. credit card portfolio is managed in Global Card Services. Outstandings in the U.S. credit card loan portfolio increased $\$ 64.3$ billion compared to December 31, 2009 due to the adoption of the new consolidation guidance. Compared to 2009, net charge-offs increased $\$ 6.5$ billion to $\$ 13.0$ billion also due to the adoption of the new consolidation guidance. U.S. credit card loans 30 days or more past due and still accruing interest increased $\$ 2.0$ billion while loans 90 days or more past due and still accruing interest increased $\$ 1.2$ billion compared to December 31, 2009 due to the adoption of new consolidation guidance.

Compared to December 31, 2009 on a managed basis, outstandings decreased $\$ 15.9$ billion primarily as a result of charge-offs and lower origination volume. Net losses decreased $\$ 3.9$ billion due to lower levels of delinquencies and bankruptcies as a result of improvement in the U.S. economy compared to 2009 on a managed basis. The net charge-off ratio was 11.04 percent of total average U.S. credit card loans in 2010 compared to 12.07 percent in 2009 on a managed basis. U.S. credit card loans 30 days or more past due and still accruing interest decreased $\$ 4.0$ billion and loans 90 days or more past due and still accruing interest decreased $\$ 2.1$ billion compared to December 31, 2009 on a managed basis. These declines were due to improvement in the U.S. economy including stabilization in the levels of unemployment.

The table below presents certain state concentrations for the U.S. credit card portfolio on a held basis for 2010 and managed basis for December 31, 2009.

Table 30 U.S. Credit Card State Concentrations

| (Dollars in millions) | December 31 |  |  |  | Year Ended December 31 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstandings |  | Accruing Past Due 90 Days or More |  | Net Charge-offs |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| California | \$ 17,028 | \$ 20,048 | \$ 612 | \$1,097 | \$ 2,752 | \$ 3,558 |
| Florida | 9,121 | 10,858 | 376 | 676 | 1,611 | 2,178 |
| Texas | 7,581 | 8,653 | 207 | 345 | 784 | 960 |
| New York | 6,862 | 7,839 | 192 | 295 | 694 | 855 |
| New Jersey | 4,579 | 5,168 | 132 | 189 | 452 | 559 |
| Other U.S. | 68,614 | 77,076 | 1,801 | 2,806 | 6,734 | 8,852 |
| Total U.S. credit card portfolio | \$113,785 | \$129,642 | \$3,320 | \$5,408 | \$13,027 | \$16,962 |

Unused lines of credit for U.S. credit card totaled $\$ 399.7$ billion at December 31, 2010 compared to $\$ 438.5$ billion at December 31, 2009 on a managed basis. The $\$ 38.8$ billion decrease was driven by a combination of account management initiatives on higher risk or inactive accounts and tighter underwriting standards for new originations.

## Non-U.S. Credit Card

Prior to the adoption of new consolidation guidance, the non-U.S. credit card portfolio was reported on both a held and managed basis. Under the new consolidation guidance effective January 1, 2010, we consolidated the credit card securitization trusts and the new held basis is comparable to the previously reported managed basis. For more information on the adoption of the new consolidation guidance, see Note 8 -Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements.

The table below presents certain non-U.S. credit card key credit statistics on a held basis for 2010 and managed basis for December 31, 2009.

Table 31 Non-U.S. Credit Card - Key Credit Statistics

| (Dollars in millions) | $\begin{array}{r} \text { December } 31 \\ 2010^{(1)} \end{array}$ | $\begin{array}{r} \text { January } 1 \\ 2010^{(1)} \end{array}$ | $\begin{array}{r} \text { December } 31 \\ 2009 \end{array}$ |
| :---: | :---: | :---: | :---: |
| Outstandings | \$27,465 | \$31,182 | \$21,656 |
| Accruing past due 30 days or more | 1,354 | 1,744 | 1,104 |
| Accruing past due 90 days or more | 599 | 814 | 515 |
|  |  | 2010 | 2009 |
| Net charge-offs |  |  |  |
| Amount |  | \$ 2,207 | \$ 1,239 |
| Ratio |  | 7.88\% | 6.30\% |
| Supplemental managed basis data |  |  |  |
| Amount |  | n/a | \$ 2,223 |
| Ratio |  | n/a | 7.43\% |

${ }^{(1)}$ Balances reflect the impact of new consolidation guidance.
$\mathrm{n} / \mathrm{a}=$ not applicable
The consumer non-U.S. credit card portfolio is managed in Global Card Services. Outstandings in the non-U.S. credit card portfolio increased $\$ 5.8$ billion compared to December 31, 2009 due to the adoption of the new consolidation guidance. Additionally, net charge-off levels and ratios for 2010, when compared to 2009, were impacted by the adoption of the new consolidation guidance. Net charge-offs increased $\$ 1.0$ billion to $\$ 2.2$ billion in 2010.

Outstandings declined $\$ 3.7$ billion compared to December 31, 2009 on a managed basis primarily due to charge-offs, lower origination volume and the strengthening of the U.S. dollar against certain foreign currencies. Net losses
were substantially flat for 2010, decreasing $\$ 16$ million from managed losses in 2009. The net loss ratio increased to 7.88 percent of total average non-U.S. credit card compared to 7.43 percent in 2009, due to the decrease in outstandings.

Unused lines of credit for non-U.S. credit card totaled $\$ 60.3$ billion at December 31, 2010 compared to $\$ 69.6$ billion at December 31, 2009 on a managed basis. The $\$ 9.3$ billion decrease was driven by the combination of account management initiatives on inactive accounts, tighter underwriting standards for new originations and the strengthening of the U.S. dollar against certain foreign currencies, particularly the British Pound and the Euro.

## Direct/Indirect Consumer

At December 31, 2010, approximately 48 percent of the direct/indirect portfolio was included in Global Commercial Banking (dealer financial services - automotive, marine and recreational vehicle loans), 29 percent was included in GWIM (principally other non-real estate-secured, unsecured personal loans and securities-based lending margin loans), 15 percent was included in Global Card Services (consumer personal loans and other non-real estate-secured loans) and the remainder was in All Other (student loans).

Outstanding loans and leases decreased $\$ 6.9$ billion to $\$ 90.3$ billion at December 31, 2010 compared to December 31, 2009 as lower outstandings in the Global Card Services unsecured consumer lending portfolio and the sale of a portion of the student loan portfolio were partially offset by the adoption of new consolidation guidance, growth in securities-based lending and the purchase of auto receivables within the dealer financial services portfolio. Direct/indirect loans that were past due 30 days or more and still accruing interest declined $\$ 1.1$ billion compared to December 31, 2009, to $\$ 2.6$ billion due to a combination of reduced outstandings and improvement in the unsecured consumer lending portfolio. Net charge-offs decreased $\$ 2.1$ billion to $\$ 3.3$ billion in 2010 , or 3.45 percent of total average direct/indirect loans compared to 5.46 percent in 2009. This decrease was primarily driven by reduced outstandings from changes in underwriting criteria and lower levels of delinquencies and bankruptcies in the unsecured consumer lending portfolio as a result of improvement in the U.S. economy including stabilization in the levels of unemployment. An additional driver was lower net charge-offs in the dealer financial services portfolio due to the impact of higher credit quality originations and higher resale values. Net charge-offs for the unsecured consumer lending portfolio decreased $\$ 1.6$ billion to $\$ 2.7$ billion and the net charge-off ratio decreased to 16.74 percent in 2010 compared to 17.75 percent in 2009. Net charge-offs for the dealer financial services portfolio decreased $\$ 404$ million to $\$ 487$ million and the loss rate decreased to 1.08 percent in 2010 compared to 2.16 percent in 2009.

The table below presents certain state concentrations for the direct/indirect consumer loan portfolio.

Table 32 Direct/Indirect State Concentrations

| (Dollars in millions) | December 31 |  |  |  | Year Ended December 31 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstandings |  | Accruing Past Due 90 Days or More |  | Net Charge-offs |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| California | \$10,558 | \$11,664 | \$ 132 | \$ 228 | \$ 591 | \$1,055 |
| Texas | 7,885 | 8,743 | 78 | 105 | 262 | 382 |
| Florida | 6,725 | 7,559 | 80 | 130 | 343 | 597 |
| New York | 4,770 | 5,111 | 56 | 73 | 183 | 272 |
| Georgia | 2,814 | 3,165 | 44 | 52 | 126 | 205 |
| Other U.S./Non-U.S. | 57,556 | 60,994 | 668 | 900 | 1,831 | 2,952 |
| Total direct/indirect loans | \$90,308 | \$97,236 | \$1,058 | \$1,488 | \$3,336 | \$5,463 |

## Other Consumer

At December 31, 2010, approximately 69 percent of the $\$ 2.8$ billion other consumer portfolio was associated with portfolios from certain consumer finance businesses that we previously exited and is included in All Other. The remainder consisted of the non-U.S. consumer loan portfolio, of which the vast majority we previously exited and is largely in Global Card Services and deposit overdrafts which are recorded in Deposits.

## Nonperforming Consumer Loans and Foreclosed Properties Activity

Table 33 presents nonperforming consumer loans and foreclosed properties activity during 2010 and 2009. Nonperforming LHFS are excluded from nonperforming loans as they are recorded at either fair value or the lower of cost or fair value. Nonperforming loans do not include past due consumer credit card loans and in general, past due consumer loans not secured by real estate as these loans are generally charged off no later than the end of the month in which the loan becomes 180 days past due. Real estate-secured past due consumer loans insured by the FHA are not reported as nonperforming as principal repayment is insured by the FHA. Additionally, nonperforming loans do not include the Countrywide PCI loan portfolio. For further information regarding nonperforming loans, see Note 1 -Summary of Significant Accounting Principles to the Consolidated Financial Statements. Nonperforming loans remained relatively flat at $\$ 20.9$ billion at December 31, 2010 compared to $\$ 20.8$ billion at December 31, 2009 as delinquency inflows to nonaccrual loans slowed driven by favorable portfolio trends due in part to the improving U.S. economy. These inflows were offset by charge-offs, nonperforming loans returning to performing status, and paydowns and payoffs.

The outstanding balance of a real estate-secured loan that is in excess of the estimated property value, after reducing the property value for costs to sell, is charged off no later than the end of the month in which the account becomes 180 days past due unless repayment of the loan is insured by the FHA. At December 31, 2010, $\$ 15.1$ billion, or 69 percent, of the nonperforming consumer real estate loans and foreclosed properties had been written down to their fair values. This was comprised of $\$ 13.9$ billion of nonperforming loans 180 days or more past due and $\$ 1.2$ billion of foreclosed properties.

Foreclosed properties decreased $\$ 179$ million in 2010. PCI loans are excluded from nonperforming loans as these loans were written down to fair value at the acquisition date. However, once the underlying real estate is acquired by the Corporation upon foreclosure of the delinquent PCI loan, it is included in foreclosed properties. Net changes to foreclosed properties related to PCl loans were an increase of $\$ 100$ million in 2010. Not included in foreclosed properties at December 31, 2010 was $\$ 1.4$ billion of real estate that was acquired by the Corporation upon foreclosure of delinquent FHA insured loans. We hold this real estate on our balance sheet until we convey
these properties to the FHA. We exclude these amounts from our nonperforming loans and foreclosed properties activity as we will be reimbursed once the property is conveyed to the FHA for principal and up to certain limits, costs incurred during the foreclosure process and interest incurred during the holding period.

## Restructured Loans

Nonperforming loans also include certain loans that have been modified in TDRs where economic concessions have been granted to borrowers experiencing financial difficulties. These concessions typically result from the Corporation's loss mitigation activities and could include reductions in the interest rate, payment extensions, forgiveness of principal, forbearance or other actions. Certain TDRs are classified as nonperforming at the time of restructuring and may only be returned to performing status after considering the borrower's sustained repayment performance under revised payment terms for a reasonable period, generally six months. Nonperforming TDRs, excluding those modified loans in the Countrywide PCI loan portfolio, are included in Table 33.

Residential mortgage TDRs totaled $\$ 11.8$ billion at December 31, 2010, an increase of $\$ 4.6$ billion compared to December 31, 2009. Of these loans, $\$ 3.3$ billion were nonperforming representing an increase of $\$ 130$ million in 2010, and $\$ 8.5$ billion were performing representing an increase of $\$ 4.5$ billion in 2010 driven by TDRs returning to performing status and new additions. These performing TDRs are excluded from nonperforming loans in Table 33. Residential mortgage TDRs deemed collateral dependent totaled $\$ 3.2$ billion at December 31, 2010 and included $\$ 921$ million of loans classified as nonperforming and $\$ 2.3$ billion classified as performing. At December 31, 2010, performing residential mortgage TDRs included $\$ 2.5$ billion that were FHA insured.

Home equity TDRs totaled $\$ 1.7$ billion at December 31, 2010, a decrease of $\$ 673$ million compared to December 31, 2009. Of these loans, $\$ 541$ million were nonperforming representing a decrease of $\$ 1.2$ billion in 2010 driven primarily by nonperforming TDRs returning to performing status and charge-offs taken to comply with regulatory guidance clarifying the timing of charge-offs on collateral dependent modified loans. Home equity TDRs that were performing in accordance with their modified terms were $\$ 1.2$ billion representing an increase of $\$ 514$ million in 2010. These performing TDRs are excluded from nonperforming loans in Table 33. Home equity TDRs deemed collateral dependent totaled $\$ 796$ million at December 31, 2010 and included $\$ 245$ million of loans classified as nonperforming and $\$ 551$ million classified as performing.

Discontinued real estate TDRs totaled $\$ 395$ million at December 31, 2010, an increase of $\$ 13$ million in 2010. Of these loans, $\$ 206$ million were nonperforming while the remaining $\$ 189$ million were classified as
performing at December 31, 2010. Discontinued real estate TDRs deemed collateral dependent totaled $\$ 213$ million at December 31, 2010 and included $\$ 97$ million of loans classified as nonperforming and $\$ 116$ million classified as performing.

We also work with customers that are experiencing financial difficulty by renegotiating credit card, consumer lending and small business loans (the renegotiated TDR portfolio), while complying with Federal Financial Institutions Examination Council (FFIEC) guidelines. Substantially all renegotiated portfolio modifications are considered to be TDRs. The renegotiated TDR portfolio may include modifications, both short- and long-term, of interest rates or payment amounts or a combination of interest rates and payment amounts. We make modifications primarily through internal renegotiation programs utilizing direct customer contact, but may also utilize external renegotiation programs. The renegotiated TDR portfolio is excluded from Table 33 as we do not generally classify consumer non-real estate loans as nonperforming. At December 31, 2010, our renegotiated TDR portfolio was $\$ 12.1$ billion of which $\$ 9.2$ billion was current or less than 30 days past due under the modified terms, compared to an $\$ 8.1$ billion portfolio, on a held basis at December 31, 2009, of which $\$ 5.9$ billion was current or less than 30 days past due under the modified terms. At December 31, 2009, our renegotiated

TDR portfolio, on a managed basis, was $\$ 15.8$ billion of which $\$ 11.5$ billion was current or less than 30 days past due under the modified terms. For more information on the renegotiated TDR portfolio, see Note 6-Outstanding Loans and Leases to the Consolidated Financial Statements.

As a result of new accounting guidance on PCI loans, beginning January 1, 2010, modifications of loans in the PCl loan portfolio do not result in removal of the loan from the PCI loan pool. TDRs in the consumer real estate portfolio that were removed from the PCl loan portfolio prior to the adoption of new accounting guidance were $\$ 2.1$ billion and $\$ 2.3$ billion at December 31, 2010 and 2009 , of which $\$ 426$ million and $\$ 395$ million were nonperforming. These nonperforming loans are excluded from the table below.

Nonperforming consumer real estate TDRs, included in the table below, as a percentage of total nonperforming consumer loans and foreclosed properties, declined to 16 percent at December 31, 2010 from 21 percent at December 31, 2009. This was due to nonperforming TDRs returning to performing status and charge-offs, including those charged off to comply with regulatory guidance clarifying the timing of charge-offs on collateral dependent modified loans, both of which outpaced new additions of nonperforming TDRs.

Table 33 Nonperforming Consumer Loans and Foreclosed Properties Activity ${ }^{(1)}$

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Nonperforming loans |  |  |
| Balance, January 1 | \$20,839 | \$ 9,888 |
| Additions to nonperforming loans: |  |  |
| Consolidation of VIEs | 448 | n/a |
| New nonaccrual loans ${ }^{(2)}$ | 21,136 | 29,271 |
| Reductions in nonperforming loans: |  |  |
| Paydowns and payoffs | $(2,809)$ | $(1,459)$ |
| Returns to performing status ${ }^{(3)}$ | $(7,647)$ | $(4,540)$ |
| Charge-offs ${ }^{(4)}$ | $(9,772)$ | $(10,702)$ |
| Transfers to foreclosed properties | $(1,341)$ | $(1,619)$ |
| Total net additions to nonperforming loans | 15 | 10,951 |
| Total nonperforming loans, December $31{ }^{(5)}$ | 20,854 | 20,839 |
| Foreclosed properties |  |  |
| Balance, January 1 | 1,428 | 1,506 |
| Additions to foreclosed properties: |  |  |
| Reductions in foreclosed properties: |  |  |
| Sales | $(2,327)$ | $(1,687)$ |
| Write-downs | (189) | (367) |
| Total net reductions to foreclosed properties | (179) | (78) |
| Total foreclosed properties, December 31 | 1,249 | 1,428 |
| Nonperforming consumer loans and foreclosed properties, December 31 | \$22,103 | \$ 22,267 |
| Nonperforming consumer loans as a percentage of outstanding consumer loans | 3.24\% | 3.61\% |
| Nonperforming consumer loans and foreclosed properties as a percentage of outstan foreclosed properties | 3.43 | 3.85 |


${ }^{(2)} 2009$ includes $\$ 465$ million of nonperforming loans acquired from Merrill Lynch.

 reasonable period, generally six months.
 this table.
${ }^{(5)}$ At December 31, 2010, 67 percent of nonperforming loans are 180 days or more past due and have been written down through charge-offs to 69 percent of the unpaid principal balance.


${ }^{(7)} 2009$ includes $\$ 21$ million of foreclosed properties acquired from Merrill Lynch.
$\mathrm{n} / \mathrm{a}=$ not applicable

## Commercial Portfolio Credit Risk Management

Credit risk management for the commercial portfolio begins with an assessment of the credit risk profile of the borrower or counterparty based on an analysis of its financial position. As part of the overall credit risk assessment, our commercial credit exposures are assigned a risk rating and are subject to approval based on defined credit approval standards. Subsequent to loan origination, risk ratings are monitored on an ongoing basis, and if necessary, adjusted to reflect changes in the financial condition, cash flow, risk profile, or outlook of a borrower or counterparty. In making credit decisions, we consider risk rating, collateral, country, industry and single name concentration limits while also balancing the total borrower or counterparty relationship. Our lines of business and risk management personnel use a variety of tools to continuously monitor the ability of a borrower or counterparty to perform under its obligations. We use risk rating aggregations to measure and evaluate concentrations within portfolios. In addition, risk ratings are a factor in determining the level of assigned economic capital and the allowance for credit losses.

For information on our accounting policies regarding delinquencies, nonperforming status and net charge-offs for the commercial portfolio, refer to Note 1 - Summary of Significant Accounting Principles to the Consolidated Financial Statements.

## Management of Commercial Credit Risk Concentrations

Commercial credit risk is evaluated and managed with the goal that concentrations of credit exposure do not result in undesirable levels of risk. We review, measure and manage concentrations of credit exposure by industry, product, geography, customer relationship and loan size. We also review, measure and manage commercial real estate loans by geographic location and property type. In addition, within our international portfolio, we evaluate exposures by region and by country. Tables 38, 42, 48 and 49 summarize our concentrations. We also utilize syndication of exposure to third parties, loan sales, hedging and other risk mitigation techniques to manage the size and risk profile of the commercial credit portfolio.

As part of our ongoing risk mitigation initiatives, we attempt to work with clients to modify their loans to terms that better align with their current ability to pay. In situations where an economic concession has been granted to a borrower experiencing financial difficulty, we identify these loans as TDRs.

We account for certain large corporate loans and loan commitments, including issued but unfunded letters of credit which are considered utilized for credit risk management purposes, that exceed our single name credit risk concentration guidelines under the fair value option. Lending commitments,
both funded and unfunded, are actively managed and monitored, and as appropriate, credit risk for these lending relationships may be mitigated through the use of credit derivatives, with the Corporation's credit view and market perspectives determining the size and timing of the hedging activity. In addition, we purchase credit protection to cover the funded portion as well as the unfunded portion of certain other credit exposures. To lessen the cost of obtaining our desired credit protection levels, credit exposure may be added within an industry, borrower or counterparty group by selling protection. These credit derivatives do not meet the requirements for treatment as accounting hedges. They are carried at fair value with changes in fair value recorded in other income (loss).

## Commercial Credit Portfolio

U.S.-based loan balances continued to decline on weak loan demand as businesses aggressively managed their working capital and production capacity by maintaining lean inventories, staff levels, physical locations and capital expenditures. Additionally, many borrowers continued to access the capital markets for financing while reducing their use of bank credit facilities. Risk mitigation strategies and net charge-offs further contributed to the decline in loan balances. Fourth-quarter balances showed stabilization relative to prior quarters. Non-U.S. commercial loans showed strong growth from client demand, driven by regional economic conditions and the positive impact of our initiatives in Asia and other emerging markets.

Reservable criticized balances, net charge-offs and nonperforming loans, leases and foreclosed property balances in the commercial credit portfolio declined in 2010. These reductions were driven primarily by the U.S. commercial and commercial real estate portfolios. U.S. commercial was driven by broad-based improvements in terms of clients, industries and lines of business. Commercial real estate also continued to show signs of stabilization during 2010; however, levels of stressed commercial real estate loans remained elevated. Most other credit indicators across the remaining commercial portfolio have also improved.

Table 34 presents our commercial loans and leases, and related credit quality information at December 31, 2010 and 2009.

Loans that were acquired from Merrill Lynch that were considered purchased credit-impaired were written down to fair value upon acquisition and amounted to $\$ 204$ million and $\$ 692$ million at December 31, 2010 and 2009. These loans are excluded from the nonperforming loans and accruing balances 90 days or more past due even though the customer may be contractually past due.

Table 34 Commercial Loans and Leases

|  | Outstandings |  |  | Nonperforming |  | Accruing Past Due 90 Days or More |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | $\begin{array}{r} \text { December } 31 \\ 2010^{(1)} \end{array}$ | January 1 $2010^{(1)}$ | December 31 2009 | December 31 2010 | December 31 2009 | December 31 2010 | December 31 2009 |
| U.S. commercial ${ }^{(2)}$ | \$175,586 | \$186,675 | \$181,377 | \$3,453 | \$ 4,925 | \$236 | \$ 213 |
| Commercial real estate ${ }^{(3)}$ | 49,393 | 69,377 | 69,447 | 5,829 | 7,286 | 47 | 80 |
| Commercial lease financing | 21,942 | 22,199 | 22,199 | 117 | 115 | 18 | 32 |
| Non-U.S. commercial | 32,029 | 27,079 | 27,079 | 233 | 177 | 6 | 67 |
|  | 278,950 | 305,330 | 300,102 | 9,632 | 12,503 | 307 | 392 |
| U.S. small business commercial ${ }^{(4)}$ | 14,719 | 17,526 | 17,526 | 204 | 200 | 325 | 624 |
| Total commercial loans excluding loans measured at fair value | 293,669 | 322,856 | 317,628 | 9,836 | 12,703 | 632 | 1,016 |
| Total measured at fair value ${ }^{(5)}$ | 3,321 | 4,936 | 4,936 | 30 | 138 | - | 87 |
| Total commercial loans and leases | \$296,990 | \$327,792 | \$322,564 | \$9,866 | \$12,841 | \$632 | \$1,103 |

${ }^{(1)}$ Balance reflects impact of new consolidation guidance.
${ }^{(2)}$ Excludes U.S. small business commercial loans.
${ }^{(3)}$ Includes U.S. commercial real estate loans of $\$ 46.9$ billion and $\$ 66.5$ billion and non-U.S. commercial real estate loans of $\$ 2.5$ billion and $\$ 3.0$ billion at December 31,2010 and 2009.
${ }^{(4)}$ Includes card-related products.
 $\$ 90$ million at December 31, 2010 and 2009. See Note 23-Fair Value Option to the Consolidated Financial Statements for additional information on the fair value option.

Nonperforming commercial loans and leases as a percentage of outstanding commercial loans and leases were 3.32 percent ( 3.35 percent excluding loans accounted for under the fair value option) and 3.98 percent (4.00 percent excluding loans accounted for under the fair value option) at December 31, 2010 and 2009. Accruing commercial loans and leases past due 90 days or more as a percentage of outstanding commercial loans and leases were 0.21 percent ( 0.22 percent excluding loans accounted for under
the fair value option) and 0.34 percent ( 0.32 percent excluding loans accounted for under the fair value option) at December 31, 2010 and 2009.

Table 35 presents net charge-offs and related ratios for our commercial loans and leases for 2010 and 2009. Commercial real estate net charge-offs for 2010 declined in the homebuilder portfolio and in certain segments of the non-homebuilder portfolio.

Table 35 Commercial Net Charge-offs and Related Ratios

|  | Net Charge-offs |  | Net Charge-off Ratios ${ }^{(1)}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 |
| U.S. commercial ${ }^{(2)}$ | \$ 881 | \$2,190 | 0.50\% | 1.09\% |
| Commercial real estate | 2,017 | 2,702 | 3.37 | 3.69 |
| Commercial lease financing | 57 | 195 | 0.27 | 0.89 |
| Non-U.S. commercial | 111 | 537 | 0.39 | 1.76 |
|  | 3,066 | 5,624 | 1.07 | 1.72 |
| U.S. small business commercial | 1,918 | 2,886 | 12.00 | 15.68 |
| Total commercial | \$4,984 | \$8,510 | 1.64 | 2.47 |

${ }^{(1)}$ Net charge-off ratios are calculated as net charge-offs divided by average outstanding loans and leases excluding loans accounted for under the fair value option.
${ }^{(2)}$ Excludes U.S. small business commercial loans.

Table 36 presents commercial credit exposure by type for utilized, unfunded and total binding committed credit exposure. Commercial utilized credit exposure includes SBLCs, financial guarantees, bankers' acceptances and commercial letters of credit for which the Corporation is legally bound to advance funds under prescribed conditions, during a specified period. Although funds have not yet been advanced, these exposure types are considered utilized for credit risk management purposes. Total commercial committed credit exposure decreased $\$ 68.1$ billion, or eight percent, at December 31, 2010 compared to December 31, 2009 driven primarily by reductions in both funded and unfunded loan and lease exposure.

Total commercial utilized credit exposure decreased $\$ 45.1$ billion, or nine percent, at December 31, 2010 compared to December 31, 2009. Utilized
loans and leases declined as businesses continued to aggressively manage working capital and production capacity, maintain low inventories and defer capital expenditures as the economic outlook remained uncertain. Clients also continued to access the capital markets for their funding needs to reduce reliance on bank credit facilities. The decline in utilized loans and leases was also due to the sale of First Republic effective July 1, 2010 and the transfer of certain exposures into LHFS partially offset by the increase in conduit balances related to the adoption of new consolidation guidance. The utilization rate for loans and leases, letters of credit and financial guarantees, and bankers' acceptances was 57 percent at both December 31, 2010 and 2009.

Table 36 Commercial Credit Exposure by Type

|  | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Commercial Utilized ${ }^{(1)}$ |  | Commercial Unfunded ${ }^{(2,3)}$ |  | Total Commercial Committed |  |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| Loans and leases | \$296,990 | \$322,564 | \$272,172 | \$298,048 | \$569,162 | \$620,612 |
| Derivative assets ${ }^{(4)}$ | 73,000 | 87,622 | - | - | 73,000 | 87,622 |
| Standby letters of credit and financial guarantees | 62,027 | 67,975 | 1,511 | 1,767 | 63,538 | 69,742 |
| Debt securities and other investments ${ }^{(5)}$ | 10,216 | 11,754 | 4,546 | 1,508 | 14,762 | 13,262 |
| Loans held-for-sale | 10,380 | 8,169 | 242 | 781 | 10,622 | 8,950 |
| Commercial letters of credit | 3,372 | 2,958 | 1,179 | 569 | 4,551 | 3,527 |
| Bankers' acceptances | 3,706 | 3,658 | 23 | 16 | 3,729 | 3,674 |
| Foreclosed properties and other | 731 | 797 | - | - | 731 | 797 |
| Total commercial credit exposure | \$460,422 | \$505,497 | \$279,673 | \$302,689 | \$740,095 | \$808,186 |

${ }^{(1)}$ Total commercial utilized exposure at December 31, 2010 and 2009 includes loans and issued letters of credit accounted for under the fair value option including loans outstanding of $\$ 3.3$ billion and $\$ 4.9$ billion and letters of credit with a notional value of $\$ 1.4$ billion and $\$ 1.7$ billion.
${ }^{(2)}$ Total commercial unfunded exposure at December 31, 2010 and 2009 includes loan commitments accounted for under the fair value option with a notional value of $\$ 25.9$ billion and $\$ 25.3$ billion.
${ }^{(3)}$ Excludes unused business card lines which are not legally binding.
${ }^{(4)}$ Derivative assets are carried at fair value, reflect the effects of legally enforceable master netting agreements and have been reduced by cash collateral of $\$ 58.3$ billion and $\$ 51.5$ billion at December 31,2010 and 2009 . Not reflected in utilized and committed exposure is additional derivative collateral held of $\$ 17.7$ billion and $\$ 16.2$ billion which consists primarily of other marketable securities.
${ }^{(5)}$ Total commercial committed exposure consists of $\$ 14.2$ billion and $\$ 9.8$ billion of debt securities and $\$ 590$ million and $\$ 3.5$ billion of other investments at December 31, 2010 and 2009.

Table 37 presents commercial utilized reservable criticized exposure by product type. Criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories as defined by regulatory authorities. In addition to reservable loans and leases, excluding those accounted for under the fair value option, exposure includes SBLCs, financial guarantees, bankers' acceptances and commercial letters of credit for which we are legally bound to advance funds under prescribed conditions, during a specified time period. Although funds have not been advanced, these exposure types are considered utilized for credit risk management purposes. Total commercial
utilized reservable criticized exposure decreased $\$ 16.1$ billion at December 31, 2010 compared to December 31, 2009, due to decreases across all portfolios, primarily U.S. commercial and commercial real estate driven largely by continued paydowns, payoffs and, to a diminishing extent, charge-offs. Despite the improvements, utilized reservable criticized levels remain elevated in commercial real estate. At December 31, 2010, approximately 88 percent of the loans within commercial utilized reservable criticized exposure were secured.

Table 37 Commercial Utilized Reservable Criticized Exposure

${ }^{(1)}$ Percentages are calculated as commercial utilized reservable criticized exposure divided by total commercial utilized reservable exposure for each exposure category.
${ }^{(2)}$ Excludes U.S. small business commercial exposure.

## U.S. Commercial

At December 31, 2010, 57 percent and 25 percent of the U.S. commercial Ioan portfolio, excluding small business, were included in Global Commercial Banking and GBAM. The remaining 18 percent was mostly included in GWIM (business-purpose loans for wealthy clients). Outstanding U.S. commercial loans, excluding loans accounted for under the fair value option, decreased $\$ 5.8$ billion primarily due to reduced customer demand and continued client utilization of the capital markets, partially offset by the adoption of new consolidation guidance which increased loans by $\$ 5.3$ billion on January 1, 2010. Compared to December 31, 2009, reservable criticized balances and nonperforming loans and leases declined $\$ 11.1$ billion and $\$ 1.5$ billion. The declines were broad-based in terms of borrowers and industries and were driven by improved client credit profiles and liquidity. Net charge-offs decreased $\$ 1.3$ billion in 2010 compared to 2009.

## Commercial Real Estate

The commercial real estate portfolio is predominantly managed in Global Commercial Banking and consists of loans made primarily to public and private developers, homebuilders and commercial real estate firms. Outstanding loans decreased $\$ 20.1$ billion at December 31, 2010 compared
to December 31, 2009 due to portfolio attrition, the sale of First Republic, transfer of certain assets to LHFS and net charge-offs. The portfolio remains diversified across property types and geographic regions. California represents the largest state concentration at 18 percent of commercial real estate loans and leases at December 31, 2010. For more information on geographic and property concentrations, refer to Table 38.

Credit quality for commercial real estate is showing signs of stabilization; however, we expect that elevated unemployment and ongoing pressure on vacancy and rental rates will continue to affect primarily the non-homebuilder portfolio. Compared to December 31, 2009, nonperforming commercial real estate loans and foreclosed properties decreased in the homebuilder, retail and land development property types, partially offset by an increase in office and multi-use property types. Reservable criticized balances declined by $\$ 3.3$ billion primarily due to stabilization in the homebuilder portfolio and retail and unsecured segments in the non-homebuilder portfolio, partially offset by continued deterioration in the multi-family rental and office property types within the non-homebuilder portfolio. Net charge-offs decreased $\$ 685$ million in 2010 compared to 2009 due to declines in the homebuilder portfolio resulting from a slower rate of declining appraisal values.

The table below presents outstanding commercial real estate loans by geographic region and property type. Commercial real estate primarily includes commercial loans and leases secured by non owner-occupied real estate which are dependent on the sale or lease of the real estate as the primary source of repayment. The decline in California is due primarily to the sale of First Republic.

Table 38 Outstanding Commercial Real Estate Loans

|  | December 31 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| By Geographic Region ${ }^{(1)}$ |  |  |
| California | \$ 9,012 | \$14,554 |
| Northeast | 7,639 | 12,089 |
| Southwest | 6,169 | 8,641 |
| Southeast | 5,806 | 7,019 |
| Midwest | 5,301 | 6,662 |
| Florida | 3,649 | 4,589 |
| Illinois | 2,811 | 4,527 |
| Midsouth | 2,627 | 3,459 |
| Northwest | 2,243 | 3,097 |
| Non-U.S. | 2,515 | 2,994 |
| Other ${ }^{(2)}$ | 1,701 | 1,906 |
| Total outstanding commercial real estate loans ${ }^{(3)}$ | \$49,473 | \$69,537 |
| By Property Type |  |  |
| Office | \$ 9,688 | \$12,511 |
| Multi-family rental | 7,721 | 11,169 |
| Shopping centers/retail | 7,484 | 9,519 |
| Industrial/warehouse | 5,039 | 5,852 |
| Homebuilder ${ }^{(4)}$ | 4,299 | 7,250 |
| Multi-use | 4,266 | 5,924 |
| Hotels/motels | 2,650 | 6,946 |
| Land and land development | 2,376 | 3,215 |
| Other ${ }^{(5)}$ | 5,950 | 7,151 |
| Total outstanding commercial real estate loans ${ }^{(3)}$ | \$49,473 | \$69,537 |

${ }^{(1)}$ Distribution is based on geographic location of collateral.
 Montana.
${ }^{(3)}$ Includes commercial real estate loans accounted for under the fair value option of $\$ 79$ million and $\$ 90$ million at December 31, 2010 and 2009.
${ }^{(4)}$ Homebuilder includes condominiums and residential land.
${ }^{(5)}$ Represents loans to borrowers whose primary business is commercial real estate, but the exposure is not secured by the listed property types or is unsecured.
During 2010, we continued to see stabilization in the homebuilder portfolio. Certain portions of the non-homebuilder portfolio remain most at-risk as occupancy rates, rental rates and commercial property prices remain under pressure. We have adopted a number of proactive risk mitigation initiatives to reduce utilized and potential exposure in the commercial real estate portfolios.

The tables below present commercial real estate credit quality data by non-homebuilder and homebuilder property types. The homebuilder portfolio includes condominiums and other residential real estate.

Table 39 Commercial Real Estate Credit Quality Data

| (Dollars in millions) | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Nonperforming Loans and Foreclosed Properties ${ }^{(1)}$ |  | Utilized Reservable Criticized Exposure ${ }^{(2)}$ |  |
|  | 2010 | 2009 | 2010 | 2009 |
| Commercial real estate - non-homebuilder |  |  |  |  |
| Office | \$1,061 | \$ 729 | \$ 3,956 | \$ 3,822 |
| Multi-family rental | 500 | 546 | 2,940 | 2,496 |
| Shopping centers/retail | 1,000 | 1,157 | 2,837 | 3,469 |
| Industrial/warehouse | 420 | 442 | 1,878 | 1,757 |
| Multi-use | 483 | 416 | 1,316 | 1,578 |
| Hotels/motels | 139 | 160 | 1,191 | 1,140 |
| Land and land development | 820 | 968 | 1,420 | 1,657 |
| Other ${ }^{(3)}$ | 168 | 417 | 1,604 | 2,210 |
| Total non-homebuilder | 4,591 | 4,835 | 17,142 | 18,129 |
| Commercial real estate - homebuilder | 1,963 | 3,228 | 3,376 | 5,675 |
| Total commercial real estate | \$6,554 | \$8,063 | \$20,518 | \$23,804 |

${ }^{(1)}$ Includes commercial foreclosed properties of $\$ 725$ million and $\$ 777$ million at December 31, 2010 and 2009.
${ }^{(2)}$ Utilized reservable criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories defined by regulatory authorities. This includes loans, excluding those accounted for under the fair value option, SBLCs and bankers' acceptances.
${ }^{(3)}$ Represents loans to borrowers whose primary business is commercial real estate, but the exposure is not secured by the listed property types or is unsecured.

Table 40 Commercial Real Estate Net Charge-offs and Related Ratios

| (Dollars in millions) | Net Charge-offs |  | Net Charge-off Ratios ${ }^{(1)}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 | 2009 | 2010 | 2009 |
| Commercial real estate - non-homebuilder |  |  |  |  |
| Office | \$ 273 | \$ 249 | 2.49\% | 2.01\% |
| Multi-family rental | 116 | 217 | 1.21 | 1.96 |
| Shopping centers/retail | 318 | 239 | 3.56 | 2.30 |
| Industrial/warehouse | 59 | 82 | 1.07 | 1.34 |
| Multi-use | 143 | 146 | 2.92 | 2.58 |
| Hotels/motels | 45 | 5 | 1.02 | 0.08 |
| Land and land development | 377 | 286 | 13.04 | 8.00 |
| Other ${ }^{(2)}$ | 220 | 140 | 3.14 | 1.72 |
| Total non-homebuilder | 1,551 | 1,364 | 2.86 | 2.13 |
| Commercial real estate - homebuilder | 466 | 1,338 | 8.26 | 14.41 |
| Total commercial real estate | \$2,017 | \$2,702 | 3.37 | 3.69 |

${ }^{(1)}$ Net charge-off ratios are calculated as net charge-offs divided by average outstanding loans excluding loans accounted for under the fair value option.
${ }^{(2)}$ Represents loans to borrowers whose primary business is commercial real estate, but the exposure is not secured by the listed property types or is unsecured.

At December 31, 2010, we had total committed non-homebuilder exposure of $\$ 64.2$ billion compared to $\$ 84.4$ billion at December 31, 2009, with the decrease due to the sale of First Republic, repayments and net chargeoffs. Non-homebuilder nonperforming loans and foreclosed properties were $\$ 4.6$ billion, or 10.08 percent of total non-homebuilder loans and foreclosed properties at December 31, 2010 compared to $\$ 4.8$ billion, or 7.73 percent, at December 31, 2009. Non-homebuilder utilized reservable criticized exposure decreased to $\$ 17.1$ billion, or 35.55 percent, at December 31, 2010 compared to $\$ 18.1$ billion, or 27.27 percent, at December 31, 2009. The decrease in criticized exposure was primarily in the retail and unsecured segments, with the ratio increasing due to declining loan balances. For the non-homebuilder portfolio, net charge-offs increased $\$ 187$ million for 2010 compared to 2009. The changes were concentrated in land development and retail.

At December 31, 2010, we had committed homebuilder exposure of $\$ 6.0$ billion compared to $\$ 10.4$ billion at December 31, 2009 of which $\$ 4.3$ billion and $\$ 7.3$ billion were funded secured loans. The decline in homebuilder committed exposure was due to repayments, net charge-offs,
reductions in new home construction and continued risk mitigation initiatives. At December 31, 2010, homebuilder nonperforming loans and foreclosed properties declined $\$ 1.3$ billion due to repayments, net charge-offs, fewer risk rating downgrades and a slowdown in the rate of home price declines compared to December 31, 2009. Homebuilder utilized reservable criticized exposure decreased by $\$ 2.3$ billion to $\$ 3.4$ billion due to repayments and net charge-offs. The nonperforming loans, leases and foreclosed properties and the utilized reservable criticized ratios for the homebuilder portfolio were 42.80 percent and 74.27 percent at December 31, 2010 compared to 42.16 percent and 74.44 percent at December 31, 2009. Net charge-offs for the homebuilder portfolio decreased $\$ 872$ million in 2010 compared to 2009.

At December 31, 2010 and 2009, the commercial real estate loan portfolio included $\$ 19.1$ billion and $\$ 27.4$ billion of funded construction and land development loans that were originated to fund the construction and/or rehabilitation of commercial properties. This portfolio is mostly secured and diversified across property types and geographies but faces significant challenges in the current housing and rental markets. Weak rental
demand and cash flows, along with declining property valuations have resulted in elevated levels of reservable criticized exposure, nonperforming loans and foreclosed properties, and net charge-offs. Reservable criticized construction and land development loans totaled $\$ 10.5$ billion and $\$ 13.9$ billion at December 31, 2010 and 2009. Nonperforming construction and land development loans and foreclosed properties totaled $\$ 4.0$ billion and $\$ 5.2$ billion at December 31, 2010 and 2009. During a property's construction phase, interest income is typically paid from interest reserves that are established at the inception of the loan. As construction is completed and the property is put into service, these interest reserves are depleted and interest begins to be paid from operating cash flows. Loans continue to be classified as construction loans until they are refinanced. We do not recognize interest income on nonperforming loans regardless of the existence of an interest reserve.

## Non-U.S. Commercial

The non-U.S. commercial loan portfolio is managed primarily in GBAM. Outstanding loans, excluding loans accounted for under the fair value option, showed growth from client demand driven by regional economic conditions and the positive impact of our initiatives in Asia and other emerging markets. Net charge-offs decreased $\$ 426$ million in 2010 compared to 2009 due to stabilization in the portfolio. For additional information on the non-U.S. commercial portfolio, refer to Non-U.S. Portfolio beginning on page 98.

## U.S. Small Business Commercial

The U.S. small business commercial loan portfolio is comprised of business card and small business loans managed in Global Card Services and Global Commercial Banking. U.S. small business commercial net charge-offs decreased $\$ 968$ million in 2010 compared to 2009. Although losses remain
elevated, the reduction in net charge-offs was driven by lower levels of delinquencies and bankruptcies resulting from U.S. economic improvement as well as the reduction of higher risk vintages and the impact of higher quality originations. Of the U.S. small business commercial net charge-offs for 2010, 79 percent were credit card-related products compared to 81 percent during 2009.

## Commercial Loans Carried at Fair Value

The portfolio of commercial loans accounted for under the fair value option is managed primarily in GBAM. Outstanding commercial loans accounted for under the fair value option decreased $\$ 1.6$ billion to an aggregate fair value of $\$ 3.3$ billion at December 31, 2010 compared to December 31, 2009 due primarily to reduced corporate borrowings under bank credit facilities. We recorded net losses of $\$ 89$ million resulting from new originations, loans being paid off at par value and changes in the fair value of the loan portfolio during 2010 compared to net gains of $\$ 515$ million during 2009. These amounts were primarily attributable to changes in instrument-specific credit risk and were largely offset by gains or losses from hedging activities.

In addition, unfunded lending commitments and letters of credit had an aggregate fair value of $\$ 866$ million and $\$ 950$ million at December 31, 2010 and 2009 and were recorded in accrued expenses and other liabilities. The associated aggregate notional amount of unfunded lending commitments and letters of credit accounted for under the fair value option were $\$ 27.3$ billion and $\$ 27.0$ billion at December 31, 2010 and 2009. Net gains resulting from new originations, terminations and changes in the fair value of commitments and letters of credit of $\$ 172$ million were recorded during 2010 compared to net gains of $\$ 1.4$ billion for 2009. These gains were primarily attributable to changes in instrument-specific credit risk.

## Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity

The table below presents the nonperforming commercial loans, leases and foreclosed properties activity during 2010 and 2009. The $\$ 2.9$ billion decrease at December 31, 2010 compared to December 31, 2009 was driven by paydowns, payoffs and charge-offs in the commercial real estate and U.S. commercial portfolios. Approximately 95 percent of commercial
nonperforming loans, leases and foreclosed properties are secured and approximately 40 percent are contractually current. In addition, commercial nonperforming loans are carried at approximately 68 percent of their unpaid principal balance before consideration of the allowance for loan and lease losses as the carrying value of these loans has been reduced to the estimated net realizable value.

Table 41 Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity (1, 2)

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Nonperforming loans and leases, January 1 | \$12,703 | \$ 6,497 |
| Additions to nonperforming loans and leases: |  |  |
| Merrill Lynch balance, January 1, 2009 | - | 402 |
| New nonaccrual loans and leases | 7,809 | 16,190 |
| Advances | 330 | 339 |
| Reductions in nonperforming loans and leases: |  |  |
| Paydowns and payoffs | $(3,938)$ | $(3,075)$ |
| Sales | (841) | (630) |
| Returns to performing status ${ }^{(3)}$ | $(1,607)$ | (461) |
| Charge-offs ${ }^{(4)}$ | $(3,221)$ | $(5,626)$ |
| Transfers to foreclosed properties | $(1,045)$ | (857) |
| Transfers to loans held-for-sale | (354) | (76) |
| Total net additions (reductions) to nonperforming loans and leases | $(2,867)$ | 6,206 |
| Total nonperforming loans and leases, December 31 | 9,836 | 12,703 |
| Foreclosed properties, January 1 | 777 | 321 |
| Additions to foreclosed properties: |  |  |
| New foreclosed properties | 818 | 857 |
| Reductions in foreclosed properties: |  |  |
| Sales | (780) | (310) |
| Write-downs | (90) | (91) |
| Total net additions (reductions) to foreclosed properties | (52) | 456 |
| Total foreclosed properties, December 31 | 725 | 777 |
| Nonperforming commercial loans, leases and foreclosed properties, December 31 | \$10,561 | \$13,480 |
| Nonperforming commercial loans and leases as a percentage of outstanding commercial loans and leases ${ }^{(5)}$ | 3.35\% | 4.00\% |
| Nonperforming commercial loans, leases and foreclosed properties as a percentage of outstanding commercial loans, leases and foreclosed properties | 3.59 | 4.23 |

${ }^{(1)}$ Balances do not include nonperforming LHFS of $\$ 1.5$ billion and $\$ 4.5$ billion at December 31, 2010 and 2009.
${ }^{(2)}$ Includes U.S. small business commercial activity.
 secured and is in the process of collection. TDRs are generally classified as performing after a sustained period of demonstrated payment performance.
${ }^{(4)}$ Business card loans are not classified as nonperforming; therefore, the charge-offs on these loans have no impact on nonperforming activity and accordingly are excluded from this table.
${ }^{(5)}$ Outstanding commercial loans and leases exclude loans accounted for under the fair value option.

At December 31, 2010, the total commercial TDR balance was $\$ 1.2$ billion. Nonperforming TDRs were $\$ 952$ million and are included in Table 41. Nonperforming TDRs increased $\$ 466$ million while performing TDRs increased $\$ 147$ million during 2010.
U.S. commercial TDRs were $\$ 356$ million, an increase of $\$ 60$ million for the year ended December 31, 2010. Nonperforming U.S. commercial TDRs decreased $\$ 52$ million during 2010, while performing TDRs excluded from nonperforming loans in Table 41 increased $\$ 112$ million.

At December 31, 2010, the commercial real estate TDR balance was $\$ 815$ million, an increase of $\$ 547$ million during 2010. Nonperforming TDRs increased $\$ 524$ million during the year, while performing TDRs increased $\$ 23$ million.

At December 31, 2010 the non-U.S. commercial TDR balance was $\$ 19$ million, an increase of $\$ 6$ million. Nonperforming TDRs decreased $\$ 6$ million during the year, while performing TDRs increased $\$ 12$ million.

## Industry Concentrations

Table 42 presents commercial committed and utilized credit exposure by industry and the total net credit default protection purchased to cover the funded and unfunded portions of certain credit exposures. Our commercial
credit exposure is diversified across a broad range of industries. The decline in commercial committed exposure of $\$ 68.1$ billion from December 31, 2009 to December 31, 2010 was broad-based across most industries.

Industry limits are used internally to manage industry concentrations and are based on committed exposures and capital usage that are allocated on an industry-by-industry basis. A risk management framework is in place to set and approve industry limits, as well as to provide ongoing monitoring. Management's Credit Risk Committee (CRC) oversees industry limit governance.

Diversified financials, our largest industry concentration, experienced a decrease in committed exposure of $\$ 25.8$ billion, or 24 percent, at December 31, 2010 compared to December 31, 2009. This decrease was driven primarily by a reduction in exposure to conduits tied to the consumer finance industry.

Real estate, our second largest industry concentration, experienced a decrease in committed exposure of $\$ 21.1$ billion, or 23 percent, at December 31, 2010 compared to December 31, 2009 due primarily to portfolio attrition. Real estate construction and land development exposure represented 27 percent of the total real estate industry committed exposure at December 31, 2010. For more information on the commercial real estate and related portfolios, refer to Commercial Real Estate beginning on page 89.

The $\$ 11.8$ billion, or 34 percent, decline in individuals and trusts committed exposure was largely due to the unwinding of two derivative transactions. Committed exposure in the banking industry increased $\$ 6.3$ billion, or 27 percent, at December 31, 2010 compared to December 31, 2009 primarily due to increases in both traded products and loan exposure as a result of momentum from growth initiatives. The decline of $\$ 4.5$ billion, or 10 percent, in consumer services was concentrated in gaming and restaurants. Committed exposure for the commercial services and supplies industry declined $\$ 4.1$ billion, or 12 percent, primarily due to reduced loan demand and the sale of First Republic.

The recent economic downturn has had a residual effect on debt issued by state and local municipalities and certain exposures to these municipalities. While historically default rates were low, stress on the municipalities' financials due to the economic downturn has increased the potential for defaults in the near term. As part of our overall and ongoing risk management processes, we continually monitor these exposures through a rigorous review process. Additionally, internal communications surrounding certain at-risk counterparties and/or sectors are regularly circulated ensuring exposure levels are compliant with established concentration guidelines.

## Monoline and Related Exposure

Monoline exposure is reported in the insurance industry and managed under insurance portfolio industry limits. Direct loan exposure to monolines consisted of revolvers in the amount of $\$ 51$ million and $\$ 41$ million at December 31, 2010 and 2009.

We have indirect exposure to monolines primarily in the form of guarantees supporting our loans, investment portfolios, securitizations and creditenhanced securities as part of our public finance business and other selected products. Such indirect exposure exists when we purchase credit protection
from monolines to hedge all or a portion of the credit risk on certain credit exposures including loans and CDOs. We underwrite our public finance exposure by evaluating the underlying securities.

We also have indirect exposure to monolines, primarily in the form of guarantees supporting our mortgage and other loan sales. Indirect exposure may exist when credit protection was purchased from monolines to hedge all or a portion of the credit risk on certain mortgage and other loan exposures. A loss may occur when we are required to repurchase a loan and the market value of the loan has declined or we are required to indemnify or provide recourse for a guarantor's loss. For additional information regarding our exposure to representations and warranties, see Note 9 -Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements and Representations and Warranties beginning on page 56. For additional information regarding monolines, see Note 14Commitments and Contingencies to the Consolidated Financial Statements.

Monoline derivative credit exposure at December 31, 2010 had a notional value of $\$ 38.4$ billion compared to $\$ 42.6$ billion at December 31, 2009. Mark-to-market monoline derivative credit exposure was $\$ 9.2$ billion at December 31, 2010 compared to $\$ 11.1$ billion at December 31, 2009 with the decrease driven by positive valuation adjustments on legacy assets and terminated monoline contracts. At December 31, 2010, the counterparty credit valuation adjustment related to monoline derivative exposure was $\$ 5.3$ billion compared to $\$ 6.0$ billion at December 31, 2009. This reduced our net mark-to-market exposure to $\$ 3.9$ billion at December 31, 2010 compared to $\$ 5.1$ billion at December 31, 2009. At December 31, 2010, approximately 62 percent of this exposure was related to one monoline compared to approximately 54 percent at December 31, 2009. We do not hold collateral against these derivative exposures. For more information on our monoline exposure, see GBAM beginning on page 49.

We also have indirect exposure to monolines as we invest in securities where the issuers have purchased wraps (i.e., insurance). For example, municipalities and corporations purchase insurance in order to reduce their cost of borrowing. If the ratings agencies downgrade the monolines, the credit rating of the bond may fall and may have an adverse impact on the market value of the security. In the case of default, we first look to the underlying
securities and then to recovery on the purchased insurance. Investments in securities issued by municipalities and corporations with purchased wraps at December 31, 2010 and 2009 had a notional value of $\$ 2.4$ billion and $\$ 5.0$ billion. Mark-to-market investment exposure was $\$ 2.2$ billion at December 31, 2010 compared to $\$ 4.9$ billion at December 31, 2009.

Table 42 Commercial Credit Exposure by Industry (1)

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Commerc | I Utilized | Total Com Comm | mercial itted |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 |
| Diversified financials | \$ 55,196 | \$ 69,259 | \$ 83,248 | \$109,079 |
| Real estate ${ }^{(2)}$ | 58,531 | 75,049 | 72,004 | 93,147 |
| Government and public education | 44,131 | 44,151 | 59,594 | 61,998 |
| Healthcare equipment and services | 30,420 | 29,584 | 47,569 | 46,870 |
| Capital goods | 21,940 | 23,911 | 46,087 | 48,184 |
| Retailing | 24,660 | 23,671 | 43,950 | 42,414 |
| Consumer services | 24,759 | 28,704 | 39,694 | 44,214 |
| Materials | 15,873 | 16,373 | 33,046 | 33,233 |
| Commercial services and supplies | 20,056 | 23,892 | 30,517 | 34,646 |
| Banks | 26,831 | 20,299 | 29,667 | 23,384 |
| Food, beverage and tobacco | 14,777 | 14,812 | 28,126 | 28,079 |
| Energy | 9,765 | 9,605 | 26,328 | 23,619 |
| Insurance, including monolines | 17,263 | 20,613 | 24,417 | 28,033 |
| Utilities | 6,990 | 9,217 | 24,207 | 25,316 |
| Individuals and trusts | 18,278 | 25,941 | 22,899 | 34,698 |
| Media | 11,611 | 14,020 | 20,619 | 22,886 |
| Transportation | 12,070 | 13,724 | 18,436 | 20,101 |
| Pharmaceuticals and biotechnology | 3,859 | 2,875 | 11,009 | 10,626 |
| Technology hardware and equipment | 4,373 | 3,416 | 10,932 | 10,516 |
| Religious and social organizations | 8,409 | 8,920 | 10,823 | 11,374 |
| Software and services | 3,837 | 3,216 | 9,531 | 9,359 |
| Telecommunication services | 3,823 | 3,558 | 9,321 | 9,478 |
| Consumer durables and apparel | 4,297 | 4,409 | 8,836 | 9,998 |
| Food and staples retailing | 3,222 | 3,680 | 6,161 | 6,562 |
| Automobiles and components | 2,090 | 2,379 | 5,941 | 6,359 |
| Other | 13,361 | 10,219 | 17,133 | 14,013 |
| Total commercial credit exposure by industry | \$460,422 | \$505,497 | \$740,095 | \$808,186 |
| Net credit default protection purchased on total commitments ${ }^{(3)}$ |  |  | \$ $(20,118)$ | \$ $(19,025)$ |

${ }^{(1)}$ Includes U.S. small business commercial exposure.
 cash flows and primary source of repayment as key factors.
${ }^{(3)}$ Represents net notional credit protection purchased. See Risk Mitigation below for additional information.

## Risk Mitigation

We purchase credit protection to cover the funded portion as well as the unfunded portion of certain credit exposures. To lower the cost of obtaining our desired credit protection levels, credit exposure may be added within an industry, borrower or counterparty group by selling protection.

At December 31, 2010 and 2009, net notional credit default protection purchased in our credit derivatives portfolio to hedge our funded and unfunded exposures for which we elected the fair value option, as well as certain other credit exposures, was $\$ 20.1$ billion and $\$ 19.0$ billion. The mark-to-market effects, including the cost of net credit default protection hedging our
credit exposure, resulted in net losses of $\$ 546$ million during 2010 compared to net losses of $\$ 2.9$ billion in 2009. The average Value-at-Risk (VaR) for these credit derivative hedges was $\$ 53$ million for 2010 compared to $\$ 76$ million for 2009. The average VaR for the related credit exposure was $\$ 65$ million in 2010 compared to $\$ 130$ million in 2009. There is a diversification effect between the net credit default protection hedging our credit exposure and the related credit exposure such that the combined average VaR was $\$ 41$ million for 2010, compared to $\$ 89$ million for 2009. Refer to Trading Risk Management beginning on page 104 for a description of our VaR calculation for the market-based trading portfolio.

Tables 43 and 44 present the maturity profiles and the credit exposure debt ratings of the net credit default protection portfolio at December 31, 2010 and 2009. The distribution of debt ratings for net notional credit default protection purchased is shown as a negative amount and the net notional credit protection sold is shown as a positive amount.

Table 43 Net Credit Default Protection by Maturity Profile

|  | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Less than or equal to one year | 14\% | 16\% |
| Greater than one year and less than or equal to five years | 80 | 81 |
| Greater than five years | 6 | 3 |
| Total net credit default protection | 100\% | 100\% |

Table 44 Net Credit Default Protection by Credit Exposure Debt Rating ${ }^{(1)}$

${ }^{(1)}$ Ratings are refreshed on a quarterly basis.
${ }^{(2)}$ The Corporation considers ratings of BBB- or higher to meet the definition of investment grade.
 default swaps indices include names in and across each of the ratings categories.

In addition to our net notional credit default protection purchased to cover the funded and unfunded portion of certain credit exposures, credit derivatives are used for market-making activities for clients and establishing positions intended to profit from directional or relative value changes. We execute the majority of our credit derivative trades in the OTC market with large, multinational financial institutions, including broker/dealers and, to a lesser degree, with a variety of other investors. Because these transactions are executed in the OTC market, we are subject to settlement risk. We are also
subject to credit risk in the event that these counterparties fail to perform under the terms of these contracts. In most cases, credit derivative transactions are executed on a daily margin basis. Therefore, events such as a credit downgrade, depending on the ultimate rating level, or a breach of credit covenants would typically require an increase in the amount of collateral required of the counterparty, where applicable, and/or allow us to take additional protective measures such as early termination of all trades.

The notional amounts presented in Table 45 represent the total contract/ notional amount of credit derivatives outstanding and include both purchased and written credit derivatives. The credit risk amounts are measured as the net replacement cost, in the event the counterparties with contracts in a gain position to us fail to perform under the terms of those contracts. For information on the performance risk of our written credit derivatives, see Note 4 Derivatives to the Consolidated Financial Statements.

The credit risk amounts discussed on page 96 and noted in the table below take into consideration the effects of legally enforceable master netting agreements while amounts disclosed in Note 4 -Derivatives to the Consolidated Financial Statements are shown on a gross basis. Credit risk reflects the potential benefit from offsetting exposure to non-credit derivative products with the same counterparties that may be netted upon the occurrence of certain events, thereby reducing the Corporation's overall exposure.

Table 45 Credit Derivatives

$\mathrm{n} / \mathrm{a}=$ not applicable

## Counterparty Credit Risk Valuation Adjustments

We record a counterparty credit risk valuation adjustment on certain derivative assets, including our credit default protection purchased, in order to properly reflect the credit quality of the counterparty. These adjustments are necessary as the market quotes on derivatives do not fully reflect the credit risk of the counterparties to the derivative assets. We consider collateral and legally enforceable master netting agreements that mitigate our credit exposure to each counterparty in determining the counterparty credit risk valuation adjustment. All or a portion of these counterparty credit risk valuation adjustments are reversed or otherwise adjusted in future periods due to changes in the value of the derivative contract, collateral and creditworthiness of the counterparty.

During 2010 and 2009, credit valuation gains (losses) of $\$ 731$ million and $\$ 3.1$ billion (\$(8) million and $\$ 1.7$ billion, net of hedges) were recognized in trading account profits (losses) for counterparty credit risk related to derivative assets. For additional information on gains or losses related to the counterparty credit risk on derivative assets, refer to Note 4 - Derivatives to the Consolidated Financial Statements. For information on our monoline counterparty credit risk, see the discussions beginning on pages 51 and 90, and for information on our CDO-related counterparty credit risk, see GBAM beginning on page 49.

## Non-U.S. Portfolio

Our non-U.S. credit and trading portfolios are subject to country risk. We define country risk as the risk of loss from unfavorable economic and political conditions, currency fluctuations, social instability and changes in government policies. A risk management framework is in place to measure, monitor and manage non-U.S. risk and exposures. Management oversight of country risk, including cross-border risk, is provided by the Regional Risk Committee, a subcommittee of the CRC.

The following table sets forth total non-U.S. exposure broken out by region at December 31, 2010 and 2009. Non-U.S. exposure includes credit
exposure net of local liabilities, securities and other investments issued by or domiciled in countries other than the U.S. Total non-U.S. exposure can be adjusted for externally guaranteed loans outstanding and certain collateral types. Exposures which are subject to external guarantees are reported under the country of the guarantor. Exposures with tangible collateral are reflected in the country where the collateral is held. For securities received, other than cross-border resale agreements, outstandings are assigned to the domicile of the issuer of the securities. Resale agreements are generally presented based on the domicile of the counterparty consistent with FFIEC reporting requirements.

Table 46 Regional Non-U.S. Exposure (1, 2, 3)

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Europe | \$148,078 | \$170,796 |
| Asia Pacific | 73,255 | 47,645 |
| Latin America | 14,848 | 19,516 |
| Middle East and Africa | 3,688 | 3,906 |
| Other | 22,188 | 15,799 |
| Total | \$262,057 | \$257,662 |

${ }^{(1)}$ Local funding or liabilities are subtracted from local exposures consistent with FFIEC reporting requirements.
${ }^{(2)}$ Derivative assets included in the exposure amounts have been reduced by the amount of cash collateral applied of $\$ 44.2$ billion and $\$ 34.3$ billion at December 31 , 2010 and 2009 .
 which case the domicile is the U.S., are excluded from this presentation.

Our total non-U.S. exposure was $\$ 262.1$ billion at December 31, 2010, an increase of $\$ 4.4$ billion from December 31, 2009. Our non-U.S. exposure remained concentrated in Europe which accounted for $\$ 148.1$ billion, or 57 percent, of total non-U.S. exposure. The European exposure was mostly in Western Europe and was distributed across a variety of industries. The decrease of $\$ 22.7$ billion in Europe was primarily driven by our efforts to reduce exposure in the peripheral Eurozone countries and sale or maturity of securities in the U.K. Select European countries are further detailed in Table 49. Asia Pacific was our second largest non-U.S. exposure at $\$ 73.3$ billion, or 28 percent. The $\$ 25.6$ billion increase in Asia Pacific was predominantly driven by a required change in accounting for our CCB investment, increased securities exposure in Japan, and increased securities and loan exposure in other Asia Pacific emerging markets. For more information on the required change in accounting for our CCB investment, refer to Note 5-Securities to the Consolidated Financial Statements. Latin America accounted for $\$ 14.8$ billion, or six percent, of total non-U.S. exposure. The $\$ 4.7$ billion decrease in Latin America was primarily driven by the sale of our equity investments in Itaú Unibanco and Santander. Other non-U.S. exposure was $\$ 22.2$ billion at

December 31, 2010, an increase of $\$ 6.4$ billion from the prior year resulting from an increase in Canadian cross-border loans. For more information on our Asia Pacific and Latin America exposure, see non-U.S. exposure to selected countries defined as emerging markets on page 99.

As shown in Table 47, the United Kingdom, France and China had total cross-border exposure greater than one percent of our total assets and were the only countries where total cross-border exposure exceeded one percent of our total assets at December 31, 2010. At December 31, 2010, Canada and Japan had total cross-border exposure of $\$ 17.9$ billion and $\$ 17.0$ billion representing 0.79 percent and 0.75 percent of total assets. Canada and Japan were the only other countries that had total cross-border exposure that exceeded 0.75 percent of our total assets at December 31, 2010.

Exposure includes cross-border claims by our non-U.S. offices including loans, acceptances, time deposits placed, trading account assets, securities, derivative assets, other interest-earning investments and other monetary assets. Amounts also include unused commitments, SBLCs, commercial letters of credit and formal guarantees. Sector definitions are consistent with FFIEC reporting requirements for preparing the Country Exposure Report.

Table 47 Total Cross-border Exposure Exceeding One Percent of Total Assets ${ }^{(1)}$

${ }^{(1)}$ At December 31, 2010, total cross-border exposure for the United Kingdom, France and China included derivatives exposure of $\$ 2.3$ billion, $\$ 1.7$ billion and $\$ 870$ million, respectively, which has been reduced by the amount of cash collateral applied of $\$ 13.0$ billion, $\$ 6.9$ billion and $\$ 130$ million, respectively. Derivative assets were collateralized by other marketable securities of $\$ 96$ million, $\$ 26$ million and $\$ 71$ million, respectively, at December 31 , 2010 .
${ }^{(2)}$ At December 31, 2009, total cross-border exposure for France and China was $\$ 17.4$ billion and $\$ 12.1$ billion, representing 0.78 percent and 0.54 percent of total assets.

As presented in Table 48, non-U.S. exposure to borrowers or counterparties in emerging markets increased $\$ 14.5$ billion to $\$ 65.1$ billion at December 31, 2010 compared to $\$ 50.6$ billion at December 31, 2009. The increase was due to an increase in the Asia Pacific region which was partially offset by a
decrease in Latin America. Non-U.S. exposure to borrowers or counterparties in emerging markets represented 25 percent and 20 percent of total non-U.S. exposure at December 31, 2010 and 2009.

Table 48 Selected Emerging Markets ${ }^{(1)}$

| (Dollars in millions) | Loans and Leases, and Loan Commitments | Other Financing ${ }^{(2)}$ | Derivative <br> Assets | $\begin{array}{r} \text { Securities/ } \\ \text { Other } \\ \text { Investments }{ }^{(4)} \end{array}$ | Total Crossborder Exposure ${ }^{(5)}$ | Local Country Exposure Net of Local Liabilities | Total <br> Emerging Market <br> Exposure at December 31, 2010 | Increase (Decrease) From December 31, 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Region/CountryAsia Pacific |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| China | \$ 1,064 | \$1,237 | \$ 870 | \$20,757 | \$23,928 | \$ | \$23,928 | \$11,865 |
| India | 3,292 | 1,590 | 607 | 2,013 | 7,502 | 766 | 8,268 | 2,108 |
| South Korea | 621 | 1,156 | 585 | 2,009 | 4,371 | 908 | 5,279 | 268 |
| Singapore | 560 | 75 | 442 | 1,469 | 2,546 | - | 2,546 | 1,678 |
| Hong Kong | 349 | 516 | 242 | 935 | 2,042 | - | 2,042 | 940 |
| Taiwan | 283 | 64 | 84 | 692 | 1,123 | 732 | 1,855 | 1,126 |
| Thailand | 20 | 17 | 39 | 569 | 645 | 24 | 669 | 482 |
| Other Asia Pacific ${ }^{(7)}$ | 298 | 32 | 145 | 239 | 714 | - | 714 | (130) |
| Total Asia Pacific | 6,487 | 4,687 | 3,014 | 28,683 | 42,871 | 2,430 | 45,301 | 18,337 |
| Latin America |  |  |  |  |  |  |  |  |
| Brazil | 1,033 | 293 | 560 | 2,355 | 4,241 | 1,565 | 5,806 | $(3,648)$ |
| Mexico | 1,917 | 305 | 303 | 1,860 | 4,385 | - | 4,385 | $(1,086)$ |
| Chile | 954 | 132 | 401 | 38 | 1,525 | 1 | 1,526 | 365 |
| Colombia | 132 | 460 | 10 | 75 | 677 | - | 677 | 481 |
| Peru | 231 | 150 | 16 | 121 | 518 | - | 518 | 248 |
| Other Latin America ${ }^{(7)}$ | 74 | 167 | 10 | 456 | 707 | 153 | 860 | (154) |
| Total Latin America | 4,341 | 1,507 | 1,300 | 4,905 | 12,053 | 1,719 | 13,772 | $(3,794)$ |
| Middle East and Africa |  |  |  |  |  |  |  |  |
| United Arab Emirates | 967 | 6 | 154 | 49 | 1,176 | - | 1,176 | 456 |
| Bahrain | 78 | - | 3 | 1,079 | 1,160 | - | 1,160 | 27 |
| South Africa | 406 | 7 | 56 | 102 | 571 | - | 571 | (577) |
| Other Middle East and Africa ${ }^{(7)}$ | 441 | 55 | 132 | 153 | 781 | - | 781 | 13 |
| Total Middle East and Africa | 1,892 | 68 | 345 | 1,383 | 3,688 | - | 3,688 | (81) |
| Central and Eastern Europe |  |  |  |  |  |  |  |  |
| Russian Federation | 264 | 133 | 35 | 104 | 536 | - | 536 | (133) |
| Turkey | 269 | 165 | 14 | 52 | 500 | - | 500 | 112 |
| Other Central and Eastern Europe ${ }^{(7)}$ | 148 | 210 | 277 | 618 | 1,253 | - | 1,253 | 35 |
| Total Central and Eastern Europe | 681 | 508 | 326 | 774 | 2,289 | - | 2,289 | 14 |
| Total emerging market exposure | \$13,401 | \$6,770 | \$4,985 | \$35,745 | \$60,901 | \$4,149 | \$65,050 | \$14,476 |


 December 31, 2009.
${ }^{(2)}$ Includes acceptances, due froms, SBLCs, commercial letters of credit and formal guarantees.
 and $\$ 616$ million of other marketable securities collateralizing derivative assets.
 securities, in which case the domicile is the U.S., are excluded from this presentation.
 denominated, consistent with FFIEC reporting requirements.




${ }^{(7)}$ No country included in Other Asia Pacific, Other Latin America, Other Middle East and Africa, and Other Central and Eastern Europe had total non-U.S. exposure of more than $\$ 500$ million.

At December 31, 2010 and 2009, 70 percent and 53 percent of the emerging markets exposure was in Asia Pacific. Emerging markets exposure in Asia Pacific increased by $\$ 18.3$ billion primarily driven by our equity investment in CCB, which accounted for $\$ 10.6$ billion, or 58 percent, of the increase in Asia, and increases in loans in India and securities in Singapore. The increase in our equity investment in CCB was driven by a required change in accounting. For more information on our CCB investment, refer to Note 5 -Securities to the Consolidated Financial Statements.

At December 31, 2010 and 2009, 21 percent and 35 percent of the emerging markets exposure was in Latin America. Latin America emerging markets exposure decreased $\$ 3.8$ billion driven by the sale of our equity investments in Itaú Unibanco and Santander, which accounted for $\$ 5.4$ billion and $\$ 2.5$ billion at December 31, 2009, partially offset by increased loans across the region. For more information on these sales, refer to Note 5Securities to the Consolidated Financial Statements.

At December 31, 2010 and 2009, six percent and seven percent of the emerging markets exposure was in Middle East and Africa, with a decrease of
\$81 million primarily driven by a decrease in securities in South Africa, offset by increases in loans in the United Arab Emirates and South Africa, and securities in Bahrain. At December 31, 2010 and 2009, three percent and five percent of the emerging markets exposure was in Central and Eastern Europe.

Certain European countries, including Greece, Ireland, Italy, Portugal and Spain, are currently experiencing varying degrees of financial stress. These countries have had certain credit ratings lowered by ratings services during 2010. Risks from the debt crisis in Europe could result in a disruption of the
financial markets which could have a detrimental impact on the global economic recovery and sovereign and non-sovereign debt in these countries. The table below shows our direct sovereign and non-sovereign exposures, excluding consumer credit card exposure, in these countries at December 31, 2010. The total exposure to these countries was $\$ 15.8$ billion at December 31, 2010 compared to $\$ 25.5$ billion at December 31, 2009. The $\$ 9.7$ billion decrease since December 31, 2009 was driven primarily by the sale or maturity of sovereign and non-sovereign securities in all countries.

Table 49 Selected European Countries

| (Dollars in millions) | Loans and Leases, and Loan Commitments | Other <br> Financing ${ }^{(1)}$ | Derivative Assets ${ }^{(2)}$ | $\begin{array}{r} \text { Securities/ } \\ \text { Other } \\ \text { Investments } \end{array}$ | Total Crossborder Exposure ${ }^{(4)}$ | Local Country Exposure Net of Local Liabilities ${ }^{(5)}$ | Total NonU.S. <br> Exposure at December 31, 2010 | Credit Default Protection ${ }^{(6)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greece |  |  |  |  |  |  |  |  |
| Sovereign | \$ | \$ | \$ | \$ 103 | \$ 103 | \$ | \$ 103 | \$ (23) |
| Non-sovereign | 260 | 2 | 43 | 69 | 374 | - | 374 | - |
| Total Greece | 260 | \$ 2 | \$ 43 | \$ 172 | \$ 477 | \$ | \$ 477 | \$ (23) |
| Ireland |  |  |  |  |  |  |  |  |
| Sovereign | \$ 7 | \$ 326 | \$ 22 | \$ 52 | \$ 407 | \$ | \$ 407 | \$ - |
| Non-sovereign | 1,641 | 524 | 152 | 267 | 2,584 | - | 2,584 | (15) |
| Total Ireland | \$1,648 | \$ 850 | \$ 174 | \$ 319 | \$ 2,991 | \$ | \$ 2,991 | \$ (15) |
| Italy |  |  |  |  |  |  |  |  |
| Sovereign | \$ | \$ | \$1,247 | \$ 21 | \$ 1,268 | \$ 1 | \$ 1,269 | \$(1,136) |
| Non-sovereign | 967 | 639 | 560 | 1,310 | 3,476 | 1,792 | 5,268 | (67) |
| Total Italy | \$ 967 | \$ 639 | \$1,807 | \$1,331 | \$ 4,744 | \$1,793 | \$ 6,537 | \$(1,203) |
| Portugal |  |  |  |  |  |  |  |  |
| Sovereign | \$ | \$ | \$ 36 | \$ | \$ 36 | \$ | \$ 36 | \$ (19) |
| Non-sovereign | 65 | 55 | 26 | 344 | 490 | - | 490 | - |
| Total Portugal | \$ 65 | \$ 55 | \$ 62 | \$ 344 | \$ 526 | \$ | \$ 526 | \$ (19) |
| Spain |  |  |  |  |  |  |  |  |
| Sovereign | \$ 25 | \$ - | \$ 36 | \$ | \$ 61 | \$ 40 | \$ 101 | \$ (57) |
| Non-sovereign | 1,028 | 40 | 382 | 1,872 | 3,322 | 1,835 | 5,157 | (7) |
| Total Spain | \$1,053 | \$ 40 | \$ 418 | \$1,872 | \$ 3,383 | \$1,875 | \$ 5,258 | \$ (64) |
| Total |  |  |  |  |  |  |  |  |
| Sovereign | \$ 32 | \$ 326 | \$1,341 | \$ 176 | \$ 1,875 | \$ 41 | \$ 1,916 | \$(1,235) |
| Non-sovereign | 3,961 | 1,260 | 1,163 | 3,862 | 10,246 | 3,627 | 13,873 | (89) |
| Total selected European exposure | \$3,993 | \$1,586 | \$2,504 | \$4,038 | \$12,121 | \$3,668 | \$15,789 | \$(1,324) |

${ }^{(1)}$ Includes acceptances, due froms, SBLCs, commercial letters of credit and formal guarantees.
 collateralizing derivative assets.
 securities, in which case the domicile is the U.S., are excluded from this presentation.
 denominated, consistent with FFIEC reporting requirements.


${ }^{(6)}$ Represents net notional credit default protection purchased to hedge counterparty risk.

## Provision for Credit Losses

The provision for credit losses decreased $\$ 20.1$ billion to $\$ 28.4$ billion for 2010 compared to 2009. The provision for credit losses for the consumer portfolio decreased $\$ 11.4$ billion to $\$ 25.4$ billion for 2010 compared to 2009 reflecting lower delinquencies and decreasing bankruptcies in the consumer credit card and unsecured consumer lending portfolios resulting from an improving economic outlook. Also contributing to the improvement were lower reserve additions in consumer real estate due to improving portfolio trends. The addition to reserves in the consumer PCI loan portfolios reflected further reductions in expected principal cash flows of $\$ 2.2$ billion for 2010 compared to $\$ 3.5$ billion a year earlier. Consumer net charge-offs of $\$ 29.4$ billion for 2010 were $\$ 4.2$ billion higher than the prior year due to the impact of the adoption of new
consolidation guidance resulting in the consolidation of certain securitized loan balances in our consumer credit card and home equity portfolios, offset by benefits from economic improvement during the year which impacted all consumer portfolios.

The provision for credit losses for the commercial portfolio, including the provision for unfunded lending commitments, decreased $\$ 8.7$ billion to $\$ 3.0$ billion for 2010 compared to 2009 due to improved borrower credit profiles, stabilization of appraisal values in the commercial real estate portfolio and lower delinquencies and bankruptcies in the small business portfolio. These same factors resulted in a decrease in commercial net chargeoffs of $\$ 3.5$ billion to $\$ 5.0$ billion in 2010 compared to 2009.

## Allowance for Credit Losses

## Allowance for Loan and Lease Losses

The allowance for loan and lease losses is allocated based on two components, described below, based on whether a loan or lease is performing or whether it has been individually identified as being impaired or has been modified as a TDR. We evaluate the adequacy of the allowance for loan and lease losses based on the total of these two components. The allowance for loan and lease losses excludes loans held-for-sale and loans accounted for under the fair value option, as fair value adjustments related to loans measured at fair value include a credit risk component.

The first component of the allowance for loan and lease losses covers nonperforming commercial loans, consumer real estate loans that have been modified in a TDR, renegotiated credit card, unsecured consumer and small business loans. These loans are subject to impairment measurement primarily at the loan level based either on the present value of expected future cash flows discounted at the loan's original effective interest rate, or discounted at the portfolio average contractual annual percentage rate, excluding renegotiated and promotionally priced loans for the renegotiated TDR portfolio. Impairment measurement may also be based upon the collateral value or the loan's observable market price. When the determined or measured values are lower than the carrying value of the loan, impairment is recognized. For purposes of computing this specific loss component of the allowance, larger impaired loans are evaluated individually and smaller impaired loans are evaluated as a pool using historical loss experience for the respective product types and risk ratings of the loans.

The second component of the allowance for loan and lease losses covers performing consumer and commercial loans and leases which have incurred losses that are not yet individually identifiable. The allowance for consumer and certain homogeneous commercial loan and lease products is based on aggregated portfolio evaluations, generally by product type. Loss forecast models are utilized that consider a variety of factors including, but not limited to, historical loss experience, estimated defaults or foreclosures based on portfolio trends, delinquencies, economic trends and credit scores. Our consumer real estate loss forecast model estimates the portion of our homogeneous loans that will default based on individual loan attributes, the most significant of which are refreshed LTV or CLTV, borrower credit score as well as vintage and geography, all of which are further broken down into current delinquency status. Incorporating refreshed LTV and CLTV into our probability of default allows us to factor the impact of changes in home prices into our allowance for loan and lease losses. These loss forecast models are updated on a quarterly basis to incorporate information reflecting the current economic environment. Included within this second component of the allowance for loan and lease losses and determined separately from the procedures outlined above are reserves which are maintained to cover uncertainties that affect our estimate of probable losses including domestic and global economic uncertainty and large single name defaults. We evaluate the adequacy of the allowance for loan and lease losses based on the combined total of these two components. As of December 31, 2010, inputs to the loss forecast process resulted in reductions in the allowance for most consumer portfolios.

The allowance for commercial loan and lease losses is established by product type after analyzing historical loss experience by internal risk rating, current economic conditions, industry performance trends, geographic or obligor concentrations within each portfolio segment, and any other pertinent information. The statistical models for commercial loans are generally updated annually and utilize the Corporation's historical database of actual defaults and other data. The loan risk ratings and composition of the commercial portfolios are updated at least quarterly to incorporate the most recent data reflecting the current economic environment. For risk-rated commercial loans, we estimate the probability of default (PD) and the loss given
default (LGD) based on the Corporation's historical experience of defaults and credit losses. Factors considered when assessing the internal risk rating include the value of the underlying collateral, if applicable; the industry in which the obligor operates; the obligor's liquidity and other financial indicators; and other quantitative and qualitative factors relevant to the obligor's credit risk. When estimating the allowance for loan and lease losses, management relies not only on models derived from historical experience but also on its judgment in considering the effect on probable losses inherent in the portfolios due to the current macroeconomic environment and trends, inherent uncertainty in models, and other qualitative factors. As of December 31, 2010, updates to the loan risk ratings and composition resulted in reductions in the allowance for all commercial portfolios.

We monitor differences between estimated and actual incurred loan and lease losses. This monitoring process includes periodic assessments by senior management of loan and lease portfolios and the models used to estimate incurred losses in those portfolios.

Additions to, or reductions of, the allowance for loan and lease losses generally are recorded through charges or credits to the provision for credit losses. Credit exposures deemed to be uncollectible are charged against the allowance for loan and lease losses. Recoveries of previously charged off amounts are credited to the allowance for loan and lease losses.

The allowance for loan and lease losses for the consumer portfolio as presented in Table 51 was $\$ 34.7$ billion at December 31, 2010, an increase of $\$ 6.9$ billion from December 31, 2009. This increase was primarily related to $\$ 10.8$ billion of reserves recorded on January 1, 2010 in connection with the adoption of new consolidation guidance, and higher reserve additions in the non-impaired consumer real estate portfolios during the first half of 2010 amid continued stress in the housing market. These items were partially offset by reserve reductions primarily due to improving credit quality in the Global Card Services consumer portfolios. With respect to the consumer PCI loan portfolios, updates to our expected principal cash flows resulted in an increase in reserves through provision of $\$ 2.2$ billion for 2010, primarily in the home equity and discontinued real estate portfolios compared to $\$ 3.5$ billion in 2009.

The allowance for commercial loan and lease losses was $\$ 7.2$ billion at December 31, 2010, a $\$ 2.2$ billion decrease from December 31, 2009. The decrease was primarily due to improvements in the U.S. small business commercial portfolio within Global Card Services due to improved delinquencies and bankruptcies, as well as in the U.S. commercial portfolios primarily in Global Commercial Banking and GBAM, and the commercial real estate portfolio primarily within Global Commercial Banking reflecting improved borrower credit profiles as a result of improving economic conditions.

The allowance for loan and lease losses as a percentage of total loans and leases outstanding was 4.47 percent at December 31, 2010 compared to 4.16 percent at December 31, 2009. The increase in the ratio was mostly due to consumer reserve increases for securitized loans consolidated under the new consolidation guidance, which were primarily credit card loans. The December 31, 2010 and 2009 ratios above include the impact of the PCl loan portfolio. Excluding the PCI Ioan portfolio, the allowance for loan and lease losses as a percentage of total loans and leases outstanding was 3.94 percent at December 31, 2010 compared to 3.88 percent at December 31, 2009.

## Reserve for Unfunded Lending Commitments

In addition to the allowance for loan and lease losses, we also estimate probable losses related to unfunded lending commitments such as letters of credit, financial guarantees and binding loan commitments, excluding commitments accounted for under the fair value option. Unfunded lending commitments are subject to the same assessment as funded loans, including estimates of PD and LGD. Due to the nature of unfunded commitments, the
estimate of probable losses must also consider utilization. To estimate the portion of these undrawn commitments that is likely to be drawn by a borrower at the time of estimated default, analyses of the Corporation's historical experience are applied to the unfunded commitments to estimate the funded exposure at default (EAD). The expected loss for unfunded lending commitments is the product of the PD, the LGD and the EAD, adjusted for any qualitative factors including economic uncertainty and inherent uncertainty in models.

The reserve for unfunded lending commitments at December 31, 2010 was $\$ 1.2$ billion, $\$ 299$ million lower than December 31, 2009 primarily driven by accretion of purchase accounting adjustments on acquired Merrill Lynch unfunded positions and customer utilizations of previously unfunded positions.

Table 50 presents a rollforward of the allowance for credit losses for 2010 and 2009.

Table 50 Allowance for Credit Losses

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Allowance for loan and lease losses, beginning of period, before effect of the January 1 adoption of new consolidation guidance | \$ 37,200 | \$ 23,071 |
| Allowance related to adoption of new consolidation guidance | 10,788 | n/a |
| Allowance for loan and lease losses, January 1 | 47,988 | 23,071 |
| Loans and leases charged off |  |  |
| Residential mortgage | $(3,779)$ | $(4,436)$ |
| Home equity | $(7,059)$ | $(7,205)$ |
| Discontinued real estate | (77) | (104) |
| U.S. credit card | $(13,818)$ | $(6,753)$ |
| Non-U.S. credit card | $(2,424)$ | $(1,332)$ |
| Direct/Indirect consumer | $(4,303)$ | $(6,406)$ |
| Other consumer | (320) | (491) |
| Total consumer charge-offs | $(31,780)$ | $(26,727)$ |
| U.S. commercial ${ }^{(1)}$ | $(3,190)$ | $(5,237)$ |
| Commercial real estate | $(2,185)$ | $(2,744)$ |
| Commercial lease financing | (96) | (217) |
| Non-U.S. commercial | (139) | (558) |
| Total commercial charge-offs | $(5,610)$ | $(8,756)$ |
| Total loans and leases charged off | $(37,390)$ | $(35,483)$ |
| Recoveries of loans and leases previously charged off |  |  |
| Residential mortgage | 109 | 86 |
| Home equity | 278 | 155 |
| Discontinued real estate | 9 | 3 |
| U.S. credit card | 791 | 206 |
| Non-U.S. credit card | 217 | 93 |
| Direct/Indirect consumer | 967 | 943 |
| Other consumer | 59 | 63 |
| Total consumer recoveries | 2,430 | 1,549 |
| U.S. commercial ${ }^{(2)}$ | 391 | 161 |
| Commercial real estate | 168 | 42 |
| Commercial lease financing | 39 | 22 |
| Non-U.S. commercial | 28 | 21 |
| Total commercial recoveries | 626 | 246 |
| Total recoveries of loans and leases previously charged off | 3,056 | 1,795 |
| Net charge-offs | $(34,334)$ | $(33,688)$ |
| Provision for loan and lease losses | 28,195 | 48,366 |
| Other ${ }^{(3)}$ | 36 | (549) |
| Allowance for loan and lease losses, December 31 | 41,885 | 37,200 |
| Reserve for unfunded lending commitments, January 1 | 1,487 | 421 |
| Provision for unfunded lending commitments | 240 | 204 |
| Other ${ }^{(4)}$ | (539) | 862 |
| Reserve for unfunded lending commitments, December 31 | 1,188 | 1,487 |
| Allowance for credit losses, December 31 | \$ 43,073 | \$ 38,687 |

[^0]
## Table 50 Allowance for Credit Losses (continued)

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Loans and leases outstanding at December $31{ }^{(5)}$ | \$937,119 | \$895,192 |
| Allowance for loan and lease losses as a percentage of total loans and leases and outstanding at December $31{ }^{\text {(5) }}$ | 4.47\% | 4.16\% |
| Consumer allowance for loan and lease losses as a percentage of total consumer loans and leases outstanding at December 31 | 5.40 | 4.81 |
| Commercial allowance for loan and lease losses as a percentage of total commercial loans and leases outstanding at December 31 | 2.44 | 2.96 |
| Average loans and leases outstanding ${ }^{(5)}$ | \$954,278 | \$941,862 |
| Net charge-offs as a percentage of average loans and leases outstanding ${ }^{(5)}$ | 3.60\% | 3.58\% |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases at December $31{ }^{(5,6,7)}$ | 136 | 111 |
| Ratio of the allowance for loan and lease losses at December 31 to net charge-offs | 1.22 | 1.10 |
| Excluding purchased credit-impaired loans: ${ }^{(8)}$ |  |  |
| Allowance for loan and lease losses as a percentage of total loans and leases outstanding at December $31{ }^{(5)}$ | 3.94\% | 3.88\% |
| Consumer allowance for loan and lease losses as a percentage of total consumer loans and leases outstanding at December 31 | 4.66 | 4.43 |
| Commercial allowance for loan and lease losses as a percentage of total commercial loans and leases outstanding at December $31{ }^{(5)}$ | 2.44 | 2.96 |
| Net charge-offs as a percentage of average loans and leases outstanding ${ }^{(5)}$ | 3.73 | 3.71 |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases at December $31{ }^{(5,6,7)}$ | 116 | 99 |
| Ratio of the allowance for loan and lease losses at December 31 to net charge-offs | 1.04 | 1.00 |
| ${ }^{(5)}$ Outstanding loan and lease balances and ratios do not include loans accounted for under the fair value option. Loans accounted for under the fair value option were $\$ 3.3$ billion and $\$ 4.9$ billion at December 31,2010 and Average loans accounted for under the fair value option were $\$ 4.1$ billion and $\$ 6.9$ billion in 2010 and 2009. <br> ${ }^{(6)}$ Allowance for loan and lease losses includes $\$ 22.9$ billion and $\$ 17.7$ billion allocated to products that were excluded from nonperforming loans, leases and foreclosed properties at December 31,2010 and 2009. <br> ${ }^{(7)}$ For more information on our definition of nonperforming loans, see the discussion beginning on page 85 . <br> ${ }^{(8)}$ Metrics exclude the impact of Countrywide consumer PCl loans and Merrill Lynch commercial PCl loans. |  |  |

For reporting purposes, we allocate the allowance for credit losses across products. However, the allowance is available to absorb any credit losses without restriction. Table 51 presents our allocation by product type.

Table 51 Allocation of the Allowance for Credit Losses by Product Type

| (Dollars in millions) | December 31, 2010 |  |  | January 1, $2010{ }^{(1)}$ | December 31, 2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percent of Loans and |  |  |  | Percent of Loans and |
|  | Amount | Percent of Total | Leases Outstanding ${ }^{(2)}$ | Amount | Amount | Percent of Total | Leases Outstanding ${ }^{(2)}$ |
| Allowance for loan and lease losses ${ }^{(3)}$ |  |  |  |  |  |  |  |
| Residential mortgage | \$ 4,648 | 11.10\% | \% 1.80\% | \$ 4,607 | \$ 4,607 | 12.38\% | 1.90\% |
| Home equity | 12,934 | 30.88 | 9.37 | 10,733 | 10,160 | 27.31 | 6.81 |
| Discontinued real estate | 1,670 | 3.99 | 12.74 | 989 | 989 | 2.66 | 6.66 |
| U.S. credit card | 10,876 | 25.97 | 9.56 | 15,102 | 6,017 | 16.18 | 12.17 |
| Non-U.S. credit card | 2,045 | 4.88 | 7.45 | 2,686 | 1,581 | 4.25 | 7.30 |
| Direct/Indirect consumer | 2,381 | 5.68 | 2.64 | 4,251 | 4,227 | 11.36 | 4.35 |
| Other consumer | 161 | 0.38 | 5.67 | 204 | 204 | 0.55 | 6.53 |
| Total consumer | 34,715 | 82.88 | 5.40 | 38,572 | 27,785 | 74.69 | 4.81 |
| U.S. commercial ${ }^{(4)}$ | 3,576 | 8.54 | 1.88 | 5,153 | 5,152 | 13.85 | 2.59 |
| Commercial real estate | 3,137 | 7.49 | 6.35 | 3,567 | 3,567 | 9.59 | 5.14 |
| Commercial lease financing | 126 | 0.30 | 0.57 | 291 | 291 | 0.78 | 1.31 |
| Non-U.S. commercial | 331 | 0.79 | 1.03 | 405 | 405 | 1.09 | 1.50 |
| Total commercial ${ }^{(5)}$ | 7,170 | 17.12 | 2.44 | 9,416 | 9,415 | 25.31 | 2.96 |
| Allowance for loan and lease losses | 41,885 | 100.00\% | \% 4.47 | 47,988 | 37,200 | 100.00\% | 4.16 |
| Reserve for unfunded lending commitments | 1,188 |  |  | 1,487 | 1,487 |  |  |
| Allowance for credit losses ${ }^{(6)}$ | \$43,073 |  |  | \$49,475 | \$38,687 |  |  |

${ }^{(1)}$ Balances reflect impact of new consolidation guidance.
${ }^{(2)}$ Ratios are calculated as allowance for loan and lease losses as a percentage of loans and leases outstanding excluding loans accounted for under the fair value option for each loan and lease category. Loans accounted for under the fair value option include U.S. commercial loans of $\$ 1.6$ billion and $\$ 3.0$ billion, non-U.S. commercial loans of $\$ 1.7$ billion and $\$ 1.9$ billion and commercial real estate loans of $\$ 79$ million and $\$ 90$ million at December 31,2010 and 2009.
${ }^{(3)}$ December 31, 2010 is presented in accordance with new consolidation guidance. December 31, 2009 has not been restated.
${ }^{(4)}$ Includes allowance for U.S. small business commercial loans of $\$ 1.5$ billion and $\$ 2.4$ billion at December 31, 2010 and 2009.
${ }^{(5)}$ Includes allowance for loan and lease losses for impaired commercial loans of $\$ 1.1$ billion and $\$ 1.2$ billion at December 31,2010 and 2009. Included in the $\$ 1.1$ billion at December 31,2010 is $\$ 445$ million related to U.S. small business commercial renegotiated TDR loans.
${ }^{(6)}$ Includes $\$ 6.4$ billion and $\$ 3.9$ billion of allowance for credit losses related to purchased credit-impaired loans at December 31, 2010 and 2009.

## Market Risk Management

Market risk is the risk that values of assets and liabilities or revenues will be adversely affected by changes in market conditions such as market movements. This risk is inherent in the financial instruments associated with our operations and/or activities including loans, deposits, securities, short-term borrowings, long-term debt, trading account assets and liabilities, and derivatives. Market-sensitive assets and liabilities are generated through loans and deposits associated with our traditional banking business, customer and other trading operations, the ALM process, credit risk mitigation activities and mortgage banking activities. In the event of market volatility, factors such as underlying market movements and liquidity have an impact on the results of the Corporation.

Our traditional banking loan and deposit products are nontrading positions and are generally reported at amortized cost for assets or the amount owed for liabilities (historical cost). However, these positions are still subject to changes in economic value based on varying market conditions, primarily changes in the levels of interest rates. The risk of adverse changes in the economic value of our nontrading positions is managed through our ALM activities. We have elected to account for certain assets and liabilities under the fair value option. For further information on the fair value of certain financial assets and liabilities, see Note 22 - Fair Value Measurements to the Consolidated Financial Statements.

Our trading positions are reported at fair value with changes currently reflected in income. Trading positions are subject to various risk factors, which include exposures to interest rates and foreign exchange rates, as well as mortgage, equity, commodity, issuer and market liquidity risk factors. We seek to mitigate these risk exposures by using techniques that encompass a variety of financial instruments in both the cash and derivatives markets. The following discusses the key risk components along with respective risk mitigation techniques.

## Interest Rate Risk

Interest rate risk represents exposures to instruments whose values vary with the level or volatility of interest rates. These instruments include, but are not limited to, loans, debt securities, certain trading-related assets and liabilities, deposits, borrowings and derivative instruments. Hedging instruments used to mitigate these risks include derivatives such as options, futures, forwards and swaps.

## Foreign Exchange Risk

Foreign exchange risk represents exposures to changes in the values of current holdings and future cash flows denominated in other currencies. The types of instruments exposed to this risk include investments in non-U.S. subsidiaries, foreign currency-denominated loans and securities, future cash flows in foreign currencies arising from foreign exchange transactions, foreign currency-denominated debt and various foreign exchange derivative instruments whose values fluctuate with changes in the level or volatility of currency exchange rates or non-U.S. interest rates. Hedging instruments used to mitigate this risk include foreign exchange options, currency swaps, futures, forwards, foreign currency-denominated debt and deposits.

## Mortgage Risk

Mortgage risk represents exposures to changes in the value of mortgagerelated instruments. The values of these instruments are sensitive to prepayment rates, mortgage rates, agency debt ratings, default, market liquidity, other interest rates, government participation and interest rate volatility. Our exposure to these instruments takes several forms. First, we trade and engage in market-making activities in a variety of mortgage securities including whole loans, pass-through certificates, commercial mortgages, and collateralized mortgage obligations (CMOs) including CDOs using mortgages as
underlying collateral. Second, we originate a variety of MBS which involves the accumulation of mortgage-related loans in anticipation of eventual securitization. Third, we may hold positions in mortgage securities and residential mortgage loans as part of the ALM portfolio. Fourth, we create MSRs as part of our mortgage origination activities. See Note 1 -Summary of Significant Accounting Principles and Note 25 - Mortgage Servicing Rights to the Consolidated Financial Statements for additional information on MSRs. Hedging instruments used to mitigate this risk include foreign exchange options, currency swaps, futures, forwards and foreign currency-denominated debt.

## Equity Market Risk

Equity market risk represents exposures to securities that represent an ownership interest in a corporation in the form of domestic and foreign common stock or other equity-linked instruments. Instruments that would lead to this exposure include, but are not limited to, the following: common stock, exchange-traded funds, American Depositary Receipts, convertible bonds, listed equity options (puts and calls), over-the-counter equity options, equity total return swaps, equity index futures and other equity derivative products. Hedging instruments used to mitigate this risk include options, futures, swaps, convertible bonds and cash positions.

## Commodity Risk

Commodity risk represents exposures to instruments traded in the petroleum, natural gas, power and metals markets. These instruments consist primarily of futures, forwards, swaps and options. Hedging instruments used to mitigate this risk include options, futures and swaps in the same or similar commodity product, as well as cash positions.

## Issuer Credit Risk

Issuer credit risk represents exposures to changes in the creditworthiness of individual issuers or groups of issuers. Our portfolio is exposed to issuer credit risk where the value of an asset may be adversely impacted by changes in the levels of credit spreads, by credit migration or by defaults. Hedging instruments used to mitigate this risk include bonds, credit default swaps and other credit fixed-income instruments.

## Market Liquidity Risk

Market liquidity risk represents the risk that the level of expected market activity changes dramatically and, in certain cases, may even cease to exist. This exposes us to the risk that we will not be able to transact business and execute trades in an orderly manner which may impact our results. This impact could further be exacerbated if expected hedging or pricing correlations are compromised by the disproportionate demand or lack of demand for certain instruments. We utilize various risk mitigating techniques as discussed in more detail below.

## Trading Risk Management

Trading-related revenues represent the amount earned from trading positions, including market-based net interest income, in a diverse range of financial instruments and markets. Trading account assets and liabilities and derivative positions are reported at fair value. For more information on fair value, see Note 22 - Fair Value Measurements to the Consolidated Financial Statements. Trading-related revenues can be volatile and are largely driven by general market conditions and customer demand. Trading-related revenues are dependent on the volume and type of transactions, the level of risk assumed, and the volatility of price and rate movements at any given time within the ever-changing market environment.

The Global Markets Risk Committee (GRC), chaired by the Global Markets Risk Executive, has been designated by ALMRC as the primary governance
authority for Global Markets Risk Management including trading risk management. The GRC's focus is to take a forward-looking view of the primary credit and market risks impacting GBAM and prioritize those that need a proactive risk mitigation strategy. Market risks that impact lines of business outside of GBAM are monitored and governed by their respective governance authorities.

The GRC monitors significant daily revenues and losses by business and the primary drivers of the revenues or losses. Thresholds are in place for each of our businesses in order to determine if the revenue or loss is considered to be significant for that business. If any of the thresholds are exceeded, an explanation of the variance is provided to the GRC. The thresholds are developed in coordination with the respective risk managers to highlight those revenues or losses that exceed what is considered to be normal daily income statement volatility.

The histogram below is a graphic depiction of trading volatility and illustrates the daily level of trading-related revenue for the twelve months ended December 31, 2010, as compared with the twelve months ended December 31, 2009. During the twelve months ended December 31, 2010, positive trading-related revenue was recorded for 90 percent of the trading days of which 75 percent were daily trading gains of over $\$ 25$ million, four percent of the trading days had losses greater than $\$ 25$ million and the largest loss was $\$ 102$ million. This can be compared to the twelve months ended December 31, 2009, where positive trading-related revenue was recorded for 88 percent of the trading days of which 72 percent were daily trading gains of over $\$ 25$ million, six percent of the trading days had losses greater than $\$ 25$ million and the largest loss was $\$ 100$ million.

Histogram of Daily Trading-related Revenue


To evaluate risk in our trading activities, we focus on the actual and potential volatility of individual positions as well as portfolios. VaR is a key statistic used to measure market risk. In order to manage day-to-day risks, VaR is subject to trading limits both for our overall trading portfolio and within individual businesses. All limit excesses are communicated to management for review.

A VaR model simulates the value of a portfolio under a range of hypothetical scenarios in order to generate a distribution of potential gains and losses. VaR represents the worst loss the portfolio is expected to experience based on historical trends with a given level of confidence and depends on the volatility of the positions in the portfolio and on how strongly their risks are correlated. Within any VaR model, there are significant and numerous assumptions that will differ from company to company. In addition, the accuracy of a VaR model depends on the availability and quality of historical data for each of the positions in the portfolio. A VaR model may require additional modeling assumptions for new products that do not have extensive historical price data or for illiquid positions for which accurate daily prices are not consistently available.

AVaR model is an effective tool in estimating ranges of potential gains and losses on our trading portfolios. There are however many limitations inherent in a VaR model as it utilizes historical results over a defined time period to estimate future performance. Historical results may not always be indicative
of future results and changes in market conditions or in the composition of the underlying portfolio could have a material impact on the accuracy of the VaR model. In order for the VaR model to reflect current market conditions, we update the historical data underlying our VaR model on a bi-weekly basis and regularly review the assumptions underlying the model.

We continually review, evaluate and enhance our VaR model so that it reflects the material risks in our trading portfolio. Nevertheless, due to the limitations mentioned above, we have historically used the VaR model as only one of the components in managing our trading risk and also use other techniques such as stress testing and desk level limits. Periods of extreme market stress influence the reliability of these techniques to varying degrees.

The accuracy of the VaR methodology is reviewed by backtesting (i.e., comparing actual results against expectations derived from historical data) the VaR results against the daily profit and loss. Graphic representation of the backtesting results with additional explanation of backtesting excesses are reported to the GRC. Backtesting excesses occur when trading losses exceed VaR. Senior management reviews and evaluates the results of these tests. In periods of market stress, the GRC members communicate daily to discuss losses and VaR limit excesses. As a result of this process, the lines of business may selectively reduce risk. Where economically feasible, positions are sold or macroeconomic hedges are executed to reduce the exposure.

The graph below shows daily trading-related revenue and VaR for the twelve months ended December 31, 2010. Actual losses did not exceed daily trading VaR in the twelve months ended December 31, 2010 and 2009. Our VaR model uses a historical simulation approach based on three years of historical data
and an expected shortfall methodology equivalent to a 99 percent confidence level. Statistically, this means that losses will exceed VaR, on average, one out of 100 trading days, or two to three times each year.

Trading Risk and Return Daily Trading-related Revenue and VaR


Table 52 presents average, high and low daily trading VaR for 2010 and 2009.

Table 52 Trading Activities Market Risk VaR

| (Dollars in millions) | 010 |  |  | 迷 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average | High ${ }^{(1)}$ | Low ${ }^{(1)}$ | Average | High ${ }^{(1)}$ | Low ${ }^{(1)}$ |
| Foreign exchange | \$ 23.8 | \$ 73.1 | \$ 4.9 | \$ 20.3 | \$ 55.4 | \$ 6.1 |
| Interest rate | 64.1 | 128.3 | 33.2 | 73.7 | 136.7 | 43.6 |
| Credit | 171.5 | 287.2 | 122.9 | 183.3 | 338.7 | 123.9 |
| Real estate/mortgage | 83.1 | 138.5 | 42.9 | 51.1 | 81.3 | 32.4 |
| Equities | 39.4 | 90.9 | 20.8 | 44.6 | 87.6 | 23.6 |
| Commodities | 19.9 | 31.7 | 12.8 | 20.2 | 29.1 | 16.0 |
| Portfolio diversification | (200.5) | - | - | (187.0) | - | - |
| Total market-based trading portfolio | \$ 201.3 | \$375.2 | \$123.0 | \$ 206.2 | \$325.2 | \$117.9 |

${ }^{(1)}$ The high and low for the total portfolio may not equal the sum of the individual components as the highs or lows of the individual portfolios may have occurred on different trading days.

The decrease in average VaR during 2010 resulted from reduced exposures in several businesses. In addition, portfolio diversification increased relative to average VaR, as exposure changes resulted in reduced correlations across businesses.

Counterparty credit risk is an adjustment to the mark-to-market value of our derivative exposures reflecting the impact of the credit quality of counterparties on our derivative assets. Since counterparty credit exposure is not included in the VaR component of the regulatory capital allocation, we do not include it in our trading VaR, and it is therefore not included in the daily tradingrelated revenue illustrated in our histogram or used for backtesting.

## Trading Portfolio Stress Testing

Because the very nature of a VaR model suggests results can exceed our estimates, we also "stress test" our portfolio. Stress testing estimates the value change in our trading portfolio that may result from abnormal market movements. Various scenarios, categorized as either historical or hypothetical, are regularly run and reported for the overall trading portfolio and individual businesses. Historical scenarios simulate the impact of price changes that occurred during a set of extended historical market events. Generally, a 10-business-day window or longer, representing the most severe
point during a crisis, is selected for each historical scenario. Hypothetical scenarios provide simulations of anticipated shocks from predefined market stress events. These stress events include shocks to underlying market risk variables which may be well beyond the shocks found in the historical data used to calculate VaR. As with the historical scenarios, the hypothetical scenarios are designed to represent a short-term market disruption. Scenarios are reviewed and updated as necessary in light of changing positions and new economic or political information. In addition to the value afforded by the results themselves, this information provides senior management with a clear picture of the trend of risk being taken given the relatively static nature of the shocks applied. Stress testing for the trading portfolio is also integrated with enterprise-wide stress testing and incorporated into the limits framework. A process has been established to promote consistency between the scenarios used for the trading portfolio and those used for enterprise-wide stress testing. The scenarios used for enterprise-wide stress testing purposes differ from the typical trading portfolio scenarios in that they have a longer time horizon and the results are forecasted over multiple periods for use in consolidated capital and liquidity planning. For additional information on enterprise-wide stress testing, see page 72.

## Interest Rate Risk Management for Nontrading Activities

Interest rate risk represents the most significant market risk exposure to our nontrading exposures. Our overall goal is to manage interest rate risk so that movements in interest rates do not adversely affect core net interest income. Interest rate risk is measured as the potential volatility in our core net interest income caused by changes in market interest rates. Client-facing activities, primarily lending and deposit-taking, create interest rate sensitive positions on our balance sheet. Interest rate risk from these activities, as well as the impact of changing market conditions, is managed through our ALM activities.

Simulations are used to estimate the impact on core net interest income of numerous interest rate scenarios, balance sheet trends and strategies. These simulations evaluate how changes in short-term financial instruments, debt securities, loans, deposits, borrowings and derivative instruments impact core net interest income. In addition, these simulations incorporate assumptions about balance sheet dynamics such as loan and deposit growth and pricing, changes in funding mix, and asset and liability repricing and
maturity characteristics. These simulations do not include the impact of hedge ineffectiveness.

Management analyzes core net interest income forecasts utilizing different rate scenarios with the baseline utilizing market-based forward interest rates. Management frequently updates the core net interest income forecast for changing assumptions and differing outlooks based on economic trends and market conditions. Thus, we continually monitor our balance sheet position in an effort to maintain an acceptable level of exposure to interest rate changes.

We prepare forward-looking forecasts of core net interest income. The baseline forecast takes into consideration expected future business growth, ALM positioning and the direction of interest rate movements as implied by the market-based forward curve. We then measure and evaluate the impact that alternative interest rate scenarios have on the static baseline forecast in order to assess interest rate sensitivity under varied conditions. The spot and 12-month forward monthly rates used in our respective baseline forecast at December 31, 2010 and 2009 are presented in the table below.

Table 53 Forward Rates

|  | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  |  | 2009 |  |  |
|  | Federal Funds | Three-Month LIBOR | $\begin{array}{r} 10 \text {-Year } \\ \text { Swap } \\ \hline \end{array}$ | Federal Funds | Three-Month LIBOR | $\begin{array}{r} 10 \text {-Year } \\ \text { Swap } \\ \hline \end{array}$ |
| Spot rates | 0.25\% | 0.30\% | 3.39\% | 0.25\% | 0.25\% | 3.97\% |
| 12-month forward rates | 0.25 | 0.72 | 3.86 | 1.14 | 1.53 | 4.47 |

Table 54 shows the pre-tax dollar impact to forecasted core net interest income over the next twelve months from December 31, 2010 and 2009, resulting from a 100 bps gradual parallel increase, a 100 bps gradual parallel decrease, a 100 bps gradual curve flattening (increase in short-term rates or
decrease in long-term rates) and a 100 bps gradual curve steepening (decrease in short-term rates or increase in long-term rates) from the forward market curve. For further discussion of core net interest income, see page 41.

Table 54 Estimated Core Net Interest Income ${ }^{(1)}$

| (Dollars in millions) | Short Rate (bps) | Long Rate (bps) | December 31 |  |
| :---: | :---: | :---: | :---: | :---: |
| Curve Change |  |  | 2010 | 2009 |
| +100 bps Parallel shift | +100 | +100 | \$ 601 | \$ 598 |
| -100 bps Parallel shift | -100 | -100 | (834) | $(1,084)$ |
| Flatteners |  |  |  |  |
| Short end | +100 | - | 136 | 127 |
| Long end | - | -100 | (637) | (616) |
| Steepeners |  |  |  |  |
| Short end | -100 | - | (170) | (444) |
| Long end | - | +100 | 493 | 476 |

${ }^{(1)}$ Prior periods are reported on a managed basis.

The sensitivity analysis above assumes that we take no action in response to these rate shifts over the indicated periods. At December 31, 2010, the exposure as reported reflects impacts that may be realized in net interest income. At December 31, 2009, the estimated exposure as reported reflects impacts that would have been realized primarily in net interest income and card income.

Our core net interest income was asset sensitive to a parallel move in interest rates at both December 31, 2010 and 2009. The change in the interest rate risk position relative to December 31, 2009 is primarily due to lower short-term interest rates. As part of our ALM activities, we use securities, residential mortgages, and interest rate and foreign exchange derivatives in managing interest rate sensitivity.

## Securities

The securities portfolio is an integral part of our ALM position and is primarily comprised of debt securities including MBS and to a lesser extent U.S. Treasury, corporate, municipal and other debt securities. At December 31, 2010 and 2009, AFS debt securities were $\$ 337.6$ billion and $\$ 301.6$ billion. During 2010 and 2009, we purchased AFS debt securities of $\$ 199.2$ billion and $\$ 185.1$ billion, sold $\$ 97.5$ billion and $\$ 159.4$ billion, and had maturities and received paydowns of $\$ 70.9$ billion and $\$ 59.9$ billion. We realized $\$ 2.5$ billion and $\$ 4.7$ billion in net gains on sales of debt securities during 2010 and 2009. In addition, we securitized $\$ 2.4$ billion and $\$ 14.0$ billion of residential mortgage loans into MBS during 2010 and 2009, which we retained.

During 2010, we entered into a series of transactions in our AFS debt securities portfolio that involved securitizations as well as sales of non-agency RMBS. These transactions were initiated following a review of corporate risk objectives in light of proposed Basel regulatory capital changes and liquidity targets. For more information on the proposed regulatory capital changes, see Capital Management - Regulatory Capital Changes beginning on page 68. During 2010, the carrying value of the non-agency RMBS portfolio was reduced $\$ 14.5$ billion primarily as a result of the aforementioned sales and securitizations as well as paydowns. We recognized net losses of $\$ 922$ million on the series of transactions in the AFS debt securities portfolio, and improved the overall credit quality of the remaining portfolio such that the percentage of the non-agency RMBS portfolio that is below investment-grade was reduced significantly.

Accumulated OCl includes after-tax net unrealized gains of $\$ 7.4$ billion and $\$ 1.5$ billion at December 31, 2010 and 2009, comprised primarily of after-tax net unrealized gains of $\$ 714$ million and after-tax net unrealized losses of $\$ 628$ million related to AFS debt securities and after-tax net unrealized gains of $\$ 6.7$ billion and $\$ 2.1$ billion related to AFS equity securities. The 2010 unrealized gain on marketable equity securities was related to our investment in CCB. See Note 5 - Securities to the Consolidated Financial Statements for further discussion on marketable equity securities. Total market value of the AFS debt securities was $\$ 337.6$ billion and $\$ 301.6$ billion at December 31, 2010 and 2009 with a weighted-average duration of 4.9 and 4.5 years, and primarily relates to our MBS and U.S. Treasury portfolio. The amount of pre-tax accumulated OCI related to AFS debt securities increased by $\$ 2.2$ billion during 2010 to $\$ 1.1$ billion, primarily due to sales of non-agency CMO positions.

We recognized $\$ 967$ million of OTTI losses through earnings on AFS debt securities in 2010 compared to $\$ 2.8$ billion in 2009. We also recognized $\$ 3$ million of OTTI losses on AFS marketable equity securities during 2010 compared to \$326 million in 2009.

The recognition of impairment losses on AFS debt and marketable equity securities is based on a variety of factors, including the length of time and extent to which the market value has been less than cost, the financial condition of the issuer of the security including credit ratings and the specific events affecting the operations of the issuer, underlying assets that collateralize the debt security, other industry and macroeconomic conditions, and our intent and ability to hold the security to recovery. We do not intend to sell securities with unrealized losses and it is not more-likely-than-not that we will be required to sell those securities before recovery of amortized cost. Based on our evaluation of these and other relevant factors, and after consideration of the losses described in the paragraph above, we do not believe that the AFS debt and marketable equity securities that are in an unrealized loss position at December 31, 2010 are other-than-temporarily impaired.

## Residential Mortgage Portfolio

At December 31, 2010 and 2009, residential mortgages were $\$ 258.0$ billion and $\$ 242.1$ billion. During 2010 and 2009, we retained $\$ 63.8$ billion and $\$ 26.6$ billion in first mortgages originated by Home Loans \& Insurance. Outstanding residential mortgage loans increased $\$ 15.8$ billion in 2010 compared to 2009 as new FHA insured origination volume was partially offset by paydowns, the sale of $\$ 10.8$ billion of residential mortgages related to First Republic Bank, transfers to foreclosed properties and charge-offs. In addition, FHA repurchases of delinquent loans pursuant to our servicing agreements with GNMA also increased the residential mortgage portfolio during 2010.

During 2010 and 2009, we securitized $\$ 2.4$ billion and $\$ 14.0$ billion of residential mortgage loans into MBS which we retained. We recognized gains of $\$ 68$ million on securitizations completed during 2010. For more information on these securitizations, see Note 8 - Securitizations and Other Variable Interest Entities to the Consolidated Financial Statements. During 2010 and 2009, we had no purchases of residential mortgages related to ALM activities. We sold $\$ 443$ million of residential mortgages during 2010, of which $\$ 432$ million were originated residential mortgages and $\$ 11$ million were previously purchased from third parties. Net gains on these transactions were $\$ 21$ million. This compares to sales of $\$ 5.9$ billion of residential mortgages during 2009 of which $\$ 5.1$ billion were originated residential mortgages and $\$ 771$ million were previously purchased from third parties. These sales resulted in gains of $\$ 47$ million. We received paydowns of $\$ 38.2$ billion and $\$ 42.3$ billion in 2010 and 2009.

## Interest Rate and Foreign Exchange Derivative Contracts

Interest rate and foreign exchange derivative contracts are utilized in our ALM activities and serve as an efficient tool to manage our interest rate and foreign exchange risk. We use derivatives to hedge the variability in cash flows or changes in fair value on our balance sheet due to interest rate and foreign exchange components. For additional information on our hedging activities, see Note 4 - Derivatives to the Consolidated Financial Statements.

Our interest rate contracts are generally non-leveraged generic interest rate and foreign exchange basis swaps, options, futures and forwards. In addition, we use foreign exchange contracts, including cross-currency interest rate swaps, foreign currency forward contracts and options to mitigate the foreign exchange risk associated with foreign currency-denominated assets and liabilities. Table 55 shows the notional amounts, fair value, weightedaverage receive-fixed and pay-fixed rates, expected maturity and estimated duration of our open ALM derivatives at December 31, 2010 and 2009. These amounts do not include derivative hedges on our MSRs.

Changes to the composition of our derivatives portfolio during 2010 reflect actions taken for interest rate and foreign exchange rate risk management. The decisions to reposition our derivatives portfolio are based upon the current assessment of economic and financial conditions including the interest rate and foreign currency environments, balance sheet composition and trends, and the relative mix of our cash and derivative positions. The notional amount of our option positions increased to $\$ 6.6$ billion at December 31, 2010 from $\$ 6.5$ billion at December 31, 2009. Our interest rate swap positions, including foreign exchange contracts, were a net receive-fixed position of $\$ 6.4$ billion and $\$ 52.2$ billion at December 31, 2010 and 2009. The decrease in the net notional levels of our interest rate swap position was driven by the net addition of $\$ 51.6$ billion in pay-fixed swaps and $\$ 11.5$ billion in foreign currency-denominated receive-fixed swaps, offset by a reduction of $\$ 5.6$ billion in U.S. dollar-denominated receive-fixed swaps. The notional amount of our foreign exchange basis swaps was $\$ 235.2$ billion and $\$ 122.8$ billion at December 31, 2010 and 2009. The $\$ 112.4$ billion notional change was primarily due to new trade activity during 2010 to mitigate crosscurrency basis risk on our economic hedge portfolio. The increase in pay-fixed swaps resulted from hedging newly purchased U.S. Treasury Bonds with swaps and entering into additional pay-fixed swaps to hedge variable rate short-term liabilities. Our futures and forwards net notional position, which reflects the net of long and short positions, was a short position of $\$ 280$ million at December 31, 2010 compared to a long position of $\$ 10.6$ billion at December 31, 2009.

The table below includes derivatives utilized in our ALM activities including those designated as accounting and economic hedging instruments. The fair value of net ALM contracts increased $\$ 329$ million to a gain of $\$ 12.6$ billion at December 31, 2010 compared to $\$ 12.3$ billion at December 31, 2009. The increase was primarily attributable to changes in the value of U.S. dollar-
denominated receive-fixed interest rate swaps of $\$ 3.3$ billion, foreign exchange contracts of $\$ 2.1$ billion and foreign exchange basis swaps of $\$ 197$ million. The increase was partially offset by a loss from the changes in the value of pay-fixed interest rate swaps of $\$ 5.0$ billion and option products of $\$ 294$ million.

Table 55 Asset and Liability Management Interest Rate and Foreign Exchange Contracts

| (Dollars in millions, average estimated duration in years) | Fair <br> Value | December 31, 2010 |  |  |  |  |  |  |  | Average Estimated Duration |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Expected Maturity |  |  |  |  |  |  |  |  |
|  |  | Total | 2011 | 2012 |  | 2013 | 2014 | 2015 | Thereafter |  |
| Receive fixed interest rate swaps ${ }^{(1,2)}$ | \$ 7,364 |  |  |  |  |  |  |  |  | 4.45 |
| Notional amount |  | \$104,949 | \$ 8 | \$36,201 | \$ | 7,909 | \$ 7,270 | \$ 8,094 | \$45,467 |  |
| Weighted-average fixed-rate |  | 3.94\% | 1.00\% | 2.49\% |  | 3.90\% | 3.66\% | 3.71\% | 5.19\% |  |
| Pay fixed interest rate swaps ${ }^{(1,2)}$ | $(3,827)$ |  |  |  |  |  |  |  |  | 6.03 |
| Notional amount |  | \$156,067 | \$50,810 | \$16,205 |  | 1,207 | \$ 4,712 | \$10,933 | \$72,200 |  |
| Weighted-average fixed-rate |  | 3.02\% | 2.37\% | 2.15\% |  | 2.88\% | 2.40\% | 2.75\% | 3.76\% |  |
| Same-currency basis swaps ${ }^{(3)}$ | 103 |  |  |  |  |  |  |  |  |  |
| Notional amount |  | \$152,849 | \$13,449 | \$49,509 |  | 31,503 | \$21,085 | \$11,431 | \$25,872 |  |
| Foreign exchange basis swaps ${ }^{(2,4,5)}$ | 4,830 |  |  |  |  |  |  |  |  |  |
| Notional amount |  | 235,164 | 21,936 | 39,365 |  | 46,380 | 41,003 | 23,430 | 63,050 |  |
| Option products ${ }^{(6)}$ | (120) |  |  |  |  |  |  |  |  |  |
| Notional amount ${ }^{(8)}$ |  | 6,572 | $(1,180)$ | 2,092 |  | 2,390 | 603 | 311 | 2,356 |  |
| Foreign exchange contracts ${ }^{(2,5,7)}$ | 4,272 |  |  |  |  |  |  |  |  |  |
| Notional amount ${ }^{(8)}$ |  | 109,544 | 59,508 | 5,427 |  | 10,048 | 13,035 | 2,372 | 19,154 |  |
| Futures and forward rate contracts | (21) |  |  |  |  |  |  |  |  |  |
| Notional amount ${ }^{(8)}$ |  | (280) | (280) | - |  | - | - | - | - |  |
| Net ALM contracts | \$12,601 |  |  |  |  |  |  |  |  |  |

(Dollars in millions, average estimated duration in years)
Receive fixed interest rate swaps ${ }^{(1,2)}$ Notional amount Weighted-average fixed-rate
Pay fixed interest rate swaps ${ }^{(1,2)}$ Notional amount Weighted-average fixed-rate

| Fair Value | December 31, 2009 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Expected Maturity |  |  |  |  |  |  |  |
|  | Total | 2010 | 2011 | 2012 | 2013 | 2014 | Thereafter |  |
| \$ 4,047 |  |  |  |  |  |  |  | 4.34 |
|  | \$110,597 | \$15,212 | \$ 8 | \$35,454 | \$ 7,333 | \$ 8,247 | \$44,343 |  |
|  | 3.65\% | 1.61\% | 1.00\% | 2.42\% | 4.06\% | 3.48\% | 5.29\% |  |
| 1,175 |  |  |  |  |  |  |  | 4.18 |
|  | \$104,445 | \$ 2,500 | \$50,810 | \$14,688 | \$ 806 | \$ 3,729 | \$31,912 |  |
|  | 2.83\% | 1.82\% | 2.37\% | 2.24\% | 3.77\% | 2.61\% | 3.92\% |  |
| 107 |  |  |  |  |  |  |  |  |
|  | \$ 42,881 | \$ 4,549 | \$ 8,593 | \$11,934 | \$ 5,591 | \$ 5,546 | \$ 6,668 |  |
| 4,633 |  |  |  |  |  |  |  |  |
|  | 122,807 | 7,958 | 10,968 | 19,862 | 18,322 | 31,853 | 33,844 |  |
|  |  |  |  |  |  |  |  |  |
|  | 6,540 | 656 | 2,031 | 1,742 | 244 | 603 | 1,264 |  |
| 2,144 |  |  |  |  |  |  |  |  |
|  | 103,726 | 63,158 | 3,491 | 3,977 | 6,795 | 10,585 | 15,720 |  |
| (8) |  |  |  |  |  |  |  |  |
|  | 10,559 | 10,559 | - | - | - | - | - |  |
| \$12,272 |  |  |  |  |  |  |  |  |

Same-currency basis swaps ${ }^{(3)}$ Notional amount
Foreign exchange basis swaps $(2,4,5)$ Notional amount
Option products ${ }^{(6)}$ Notional amount ${ }^{(8)}$
Foreign exchange contracts ${ }^{(2,5,7)}$ Notional amount ${ }^{(8)}$
Futures and forward rate contracts Notional amount ${ }^{(8)}$
\$12,272

## Net ALM contracts

${ }^{(1)}$ At December 31, 2010 and 2009, the receive-fixed interest rate swap notional amounts that represented forward starting swaps and will not be effective until their respective contractual start dates were $\$ 1.7$ billion and $\$ 2.5$ billion, and the forward starting pay-fixed swap positions were $\$ 34.5$ billion and $\$ 76.8$ billion.
${ }^{(2)}$ Does not include basis adjustments on either fixed-rate debt issued by the Corporation or AFS debt securities which are hedged in fair value hedge relationships using derivatives designated as hedging instruments that substantially offset the fair values of these derivatives.
${ }^{\text {(3) }}$ At December 31, 2010 and 2009, same-currency basis swaps consist of $\$ 152.8$ billion and $\$ 42.9$ billion in both foreign currency and U.S. dollar-denominated basis swaps in which both sides of the swap are in the same currency.
${ }^{(4)}$ Foreign exchange basis swaps consisted of cross-currency variable interest rate swaps used separately or in conjunction with receive-fixed interest rate swaps.
${ }^{(5)}$ Does not include foreign currency translation adjustments on certain non-U.S. debt issued by the Corporation which substantially offset the fair values of these derivatives.
${ }^{(6)}$ Option products of $\$ 6.6$ billion at December 31, 2010 are comprised of $\$ 160$ million in purchased caps/floors, $\$ 8.2$ billion in swaptions and $\$(1.8)$ billion in foreign exchange options. Option products of $\$ 6.5$ billion at December 31 , 2009 are comprised of $\$ 177$ million in purchased caps/floors and $\$ 6.3$ billion in swaptions.
${ }^{(7)}$ Foreign exchange contracts include foreign currency-denominated and cross-currency receive-fixed interest rate swaps as well as foreign currency forward rate contracts. Total notional amount was comprised of $\$ 57.6$ billion in foreign currency-denominated and cross-currency receive-fixed swaps and $\$ 52.0$ billion in foreign currency forward rate contracts at December 31, 2010, and $\$ 46.0$ billion in foreign currency-denominated and cross-currency receive-fixed swaps and $\$ 57.7$ billion in foreign currency forward rate contracts at December 31, 2009.
${ }^{(8)}$ Reflects the net of long and short positions.

We use interest rate derivative instruments to hedge the variability in the cash flows of our assets and liabilities, including certain compensation costs and other forecasted transactions (collectively referred to as cash flow hedges). The net losses on both open and terminated derivative instruments recorded in accumulated OCI, net-oftax, were $\$ 3.2$ billion and $\$ 2.5$ billion at December 31, 2010 and 2009. These net losses are expected to be reclassified into earnings in the same period as the hedged cash flows affect earnings and will decrease income or increase expense on the respective
hedged cash flows. Assuming no change in open cash flow derivative hedge positions and no changes to prices or interest rates beyond what is implied in forward yield curves at December 31, 2010 the pre-tax net losses are expected to be reclassified into earnings as follows: $\$ 1.8$ billion, or 35 percent within the next year, 80 percent within five years, and 92 percent within 10 years, with the remaining eight percent thereafter. For more information on derivatives designated as cash flow hedges, see Note 4 - Derivatives to the Consolidated Financial Statements.

We hedge our net investment in non-U.S. operations determined to have functional currencies other than the U.S. dollar using forward foreign exchange contracts that typically settle in less than 180 days, cross-currency basis swaps, foreign exchange options and foreign currency-denominated debt. We recorded after-tax losses on derivatives and foreign currency-denominated debt in accumulated OCl associated with net investment hedges which were offset by gains on our net investments in consolidated non-U.S. entities at December 31, 2010.

## Mortgage Banking Risk Management

We originate, fund and service mortgage loans, which subject us to credit, liquidity and interest rate risks, among others. We determine whether loans will be held for investment or held-for-sale at the time of commitment and manage credit and liquidity risks by selling or securitizing a portion of the loans we originate.

Interest rate risk and market risk can be substantial in the mortgage business. Fluctuations in interest rates drive consumer demand for new mortgages and the level of refinancing activity, which in turn, affects total origination and service fee income. Typically, a decline in mortgage interest rates will lead to an increase in mortgage originations and fees and a decrease in the value of the MSRs driven by higher prepayment expectations. Hedging the various sources of interest rate risk in mortgage banking is a complex process that requires complex modeling and ongoing monitoring. IRLCs and the related residential first mortgage LHFS are subject to interest rate risk between the date of the IRLC and the date the loans are sold to the secondary market. To hedge interest rate risk, we utilize forward loan sale commitments and other derivative instruments including purchased options. These instruments are used as economic hedges of IRLCs and residential first mortgage LHFS. At December 31, 2010 and 2009, the notional amount of derivatives economically hedging the IRLCs and residential first mortgage LHFS was $\$ 129.0$ billion and $\$ 161.4$ billion.

MSRs are nonfinancial assets created when the underlying mortgage loan is sold to investors and we retain the right to service the loan. We use certain derivatives such as interest rate options, interest rate swaps, forward settlement contracts, Eurodollar futures, as well as mortgage-backed and U.S. Treasury securities as economic hedges of MSRs. The notional amounts of the derivative contracts and other securities designated as economic hedges of MSRs at December 31, 2010 were $\$ 1.6$ trillion and $\$ 60.3$ billion. At December 31, 2009, the notional amounts of the derivative contracts and other securities designated as economic hedges of MSRs were $\$ 1.3$ trillion and $\$ 67.6$ billion. In 2010, we recorded gains in mortgage banking income of $\$ 5.0$ billion related to the change in fair value of these economic hedges compared to losses of $\$ 3.8$ billion for 2009. For additional information on MSRs, see Note 25 - Mortgage Servicing Rights to the Consolidated Financial Statements and for more information on mortgage banking income, see Home Loans \& Insurance beginning on page 45.

## Compliance Risk Management

Compliance risk is the risk posed by the failure to manage regulatory, legal and ethical issues that could result in monetary damages, losses or harm to our reputation or image. The Seven Elements of a Compliance Program ${ }^{\circledR}$ provides the framework for the compliance programs that are consistently applied across the Corporation to manage compliance risk. This framework includes a common approach to commitment and accountability, policies and procedures, controls and supervision, monitoring and testing, regulatory change management, education and awareness, and reporting.

We approach compliance risk management on an enterprise and line of business level. The Operational and Compliance Risk Committee, which is a sub-committee of the Operational Risk Committee, provides oversight of significant compliance risk issues. Within Global Risk Management, Global

Compliance Risk Management develops and implements the strategies, policies and practices for assessing and managing compliance risks across the organization. Through education and communication efforts, a culture of compliance is emphasized across the organization.

The lines of business are responsible for all the risks within the business line, including compliance risks. Compliance risk executives monitor and test business processes for compliance and escalate risks and issues needing resolution.

## Operational Risk Management

The Corporation defines operational risk as the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events. Operational risk may occur anywhere in the Corporation, not solely in operations functions, and its effects may extend beyond financial losses. Operational risk includes legal risk. Successful operational risk management is particularly important to diversified financial services companies because of the nature, volume and complexity of the financial services business. Global banking guidelines and country-specific requirements for managing operational risk were established in a set of rules known as Basel II. Basel II requires banks have internal operational risk management processes to assess and measure operational risk exposure and to set aside appropriate capital to address those exposures.

Under the Basel II Rules, an operational loss event is an event that results in a loss and is associated with any of the following seven operational loss event categories: internal fraud; external fraud; employment practices and workplace safety; clients, products and business practices; damage to physical assets; business disruption and system failures; and execution, delivery and process management. Specific examples of loss events include robberies, credit card fraud, processing errors and physical losses from natural disasters.

We approach operational risk management from two perspectives: (1) at the enterprise level and (2) at the line of business and enterprise control function levels. The enterprise level refers to risk across all of the Corporation. The line of business level includes risk in all of the revenue producing businesses. Enterprise control functions refer to the business units that support the Corporation's business operations.

The Operational Risk Committee oversees and approves the Corporation's policies and processes to assure sound operational and compliance risk management and serves as an escalation point for critical operational risk and compliance matters within the Corporation. The Operational Risk Committee reports to the Enterprise Risk Committee of the Board regarding operational risk activities. Within the Global Risk Management organization, the Corporate Operational Risk team develops and guides the strategies, policies, practices, controls and monitoring tools for assessing and managing operational risks across the organization as well reporting results to governance committees and the Board.

The lines of business and enterprise control functions are responsible for all the risks within the business line, including operational risks. In addition to enterprise risk management tools like loss reporting, scenario analysis and risk and control self-assessments, operational risk executives, working in conjunction with senior line of business executives, have developed key tools to help identify, measure, mitigate and monitor risk in each line of business and enterprise control function. Examples of these include personnel management practices, data reconciliation processes, fraud management units, transaction processing monitoring and analysis, business recovery planning and new product introduction processes. The lines of business and enterprise control functions are also responsible for consistently implementing and monitoring adherence to corporate practices. Line of business and enterprise control function management uses the enterprise risk and control self-assessment process to identify and evaluate the status of risk and control
issues, including mitigation plans, as appropriate. The goal of this process is to assess changing market and business conditions, to evaluate key risks impacting each line of business and enterprise control function and assess the controls in place to mitigate the risks. The risk and control self assessment process is documented at periodic intervals. Key operational risk indicators for these risks have been developed and are used to help identify trends and issues on an enterprise, line of business and enterprise control function level.

The enterprise control functions participate in two ways to the operational risk management process. First, these organizations manage risk in their functional department. Second, they provide specialized risk management services within their area of expertise to the enterprise and the lines of business and other enterprise control functions they support. For example, the Enterprise Information Management and Supply Chain Management organizations in the Technology and Operations enterprise control function, develop risk management practices, such as information security and supplier management programs. These groups also work with business and risk executives to develop and guide appropriate strategies, policies, practices, controls and monitoring tools for each line of business and enterprise control function relative to these programs.

Additionally, where appropriate, insurance policies are purchased to mitigate the impact of operational losses when and if they occur. These insurance policies are explicitly incorporated in the structural features of operational risk evaluation. As insurance recoveries, especially given recent market events, are subject to legal and financial uncertainty, the inclusion of these insurance policies are subject to reductions in their expected mitigating benefits.

## Complex Accounting Estimates

Our significant accounting principles, as described in Note 1 - Summary of Significant Accounting Principles to the Consolidated Financial Statements are essential in understanding the MD\&A. Many of our significant accounting principles require complex judgments to estimate the values of assets and liabilities. We have procedures and processes in place to facilitate making these judgments.

The more judgmental estimates are summarized in the following discussion. We have identified and described the development of the variables most important in the estimation processes that, with the exception of accrued taxes, involve mathematical models to derive the estimates. In many cases, there are numerous alternative judgments that could be used in the process of determining the inputs to the models. Where alternatives exist, we have used the factors that we believe represent the most reasonable value in developing the inputs. Actual performance that differs from our estimates of the key variables could impact net income. Separate from the possible future impact to net income from input and model variables, the value of our lending portfolio and market sensitive assets and liabilities may change subsequent to the balance sheet date, often significantly, due to the nature and magnitude of future credit and market conditions. Such credit and market conditions may change quickly and in unforeseen ways and the resulting volatility could have a significant, negative effect on future operating results. These fluctuations would not be indicative of deficiencies in our models or inputs.

## Allowance for Credit Losses

The allowance for credit losses, which includes the allowance for loan and lease losses and the reserve for unfunded lending commitments, represents management's estimate of probable losses inherent in the Corporation's loan portfolio excluding those loans accounted for under the fair value option. Changes to the allowance for credit losses are reported in the Consolidated Statement of Income in the provision for credit losses. Our process for determining the allowance for credit losses is discussed in Note 1 - Summary of Significant Accounting Principles to the Consolidated Financial Statements.

We evaluate our allowance at the portfolio segment level and our portfolio segments are home loans, credit card and other consumer, and commercial. Due to the variability in the drivers of the assumptions used in this process, estimates of the portfolio's inherent risks and overall collectability change with changes in the economy, individual industries, countries, and borrowers' or counterparties' ability and willingness to repay their obligations. The degree to which any particular assumption affects the allowance for credit losses depends on the severity of the change and its relationship to the other assumptions.

Key judgments used in determining the allowance for credit losses include risk ratings for pools of commercial loans and leases, market and collateral values and discount rates for individually evaluated loans, product type classifications for consumer and commercial loans and leases, loss rates used for consumer and commercial loans and leases, adjustments made to address current events and conditions, considerations regarding domestic and global economic uncertainty, and overall credit conditions.

Our estimate for the allowance for loan and lease losses is sensitive to the loss rates and expected cash flows from our home loans, and credit card and other consumer portfolio segments. For each one percent increase in the loss rates on loans collectively evaluated for impairment in our home loans portfolio segment excluding PCI loans, coupled with a one percent decrease in the discounted cash flows on those loans individually evaluated for impairment within this portfolio segment, the allowance for loan and lease losses at December 31, 2010 would have increased by $\$ 141$ million. PCI loans within our home loans portfolio segment are initially recorded at fair value. Applicable accounting guidance prohibits carry-over or creation of valuation allowances in the initial accounting. However, subsequent decreases in the expected principal cash flows from the date of acquisition result in a charge to the provision for credit losses and a corresponding increase to the allowance for loan and lease losses. We subject our PCI portfolio to stress scenarios to evaluate the potential impact given certain events. A one percent decrease in the expected principal cash flows could result in a $\$ 297$ million impairment of the portfolio, of which $\$ 138$ million would be related to our discontinued real estate portfolio. For each one percent increase in the loss rates on loans collectively evaluated for impairment within our credit card and other consumer portfolio segment coupled with a one percent decrease in the expected cash flows on those loans individually evaluated for impairment within this portfolio segment, the allowance for loan and lease losses at December 31, 2010 would have increased by $\$ 152$ million.

Our allowance for loan and lease losses is sensitive to the risk ratings assigned to loans and leases within our Commercial portfolio segment. Assuming a downgrade of one level in the internal risk ratings for commercial loans and leases, except loans and leases already risk-rated Doubtful as defined by regulatory authorities, the allowance for loan and lease losses would have increased by $\$ 6.7$ billion at December 31, 2010. The allowance for loan and lease losses as a percentage of total loans and leases at December 31, 2010 was 4.47 percent and this hypothetical increase in the allowance would raise the ratio to 5.19 percent.

These sensitivity analyses do not represent management's expectations of the deterioration in risk ratings or the increases in loss rates but are provided as hypothetical scenarios to assess the sensitivity of the allowance for loan and lease losses to changes in key inputs. We believe the risk ratings and loss severities currently in use are appropriate and that the probability of the alternative scenarios outlined above occurring within a short period of time is remote.

The process of determining the level of the allowance for credit losses requires a high degree of judgment. It is possible that others, given the same information, may at any point in time reach different reasonable conclusions.

## Mortgage Servicing Rights

MSRs are nonfinancial assets that are created when a mortgage loan is sold and we retain the right to service the loan. We account for consumer MSRs at fair value with changes in fair value recorded in the Consolidated Statement of Income in mortgage banking income. Commercial-related and residential reverse mortgage MSRs are accounted for using the amortization method (i.e., lower of cost or market) with impairment recognized as a reduction of mortgage banking income. At December 31, 2010, our total MSR balance was $\$ 15.2$ billion.

We determine the fair value of our consumer MSRs using a valuation model that calculates the present value of estimated future net servicing income. The model incorporates key economic assumptions including estimates of prepayment rates and resultant weighted-average lives of the MSRs, and the option-adjusted spread (OAS) levels. These variables can, and generally do change from quarter to quarter as market conditions and projected interest rates change. These assumptions are subjective in nature and changes in these assumptions could materially affect our operating results. For example, decreasing the prepayment rate assumption used in the valuation of our consumer MSRs by 10 percent while keeping all other assumptions unchanged could have resulted in an estimated increase of $\$ 907$ million in mortgage banking income at December 31, 2010. This impact provided above does not reflect any hedge strategies that may be undertaken to mitigate such risk.

We manage potential changes in the fair value of MSRs through a comprehensive risk management program. The intent is to mitigate the effects of changes in the fair value of MSRs through the use of risk management instruments. To reduce the sensitivity of earnings to interest rate and market value fluctuations, securities as well as certain derivatives such as options and interest rate swaps may be used as economic hedges of the MSRs, but are not designated as accounting hedges. These instruments are carried at fair value with changes in fair value recognized in mortgage banking income. For more information, see Mortgage Banking Risk Management on page 110.

For additional information on MSRs, including the sensitivity of weightedaverage lives and the fair value of MSRs to changes in modeled assumptions, see Note 25 - Mortgage Servicing Rights to the Consolidated Financial Statements. Also, for information on the impact of the time to complete foreclosure sales on the value of MSRs, see Recent Events - Certain Ser-vicing-related Issues beginning on page 38.

## Fair Value of Financial Instruments

We determine the fair values of financial instruments based on the fair value hierarchy under applicable accounting guidance which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. Applicable accounting guidance establishes three levels of inputs used to measure fair value. We carry trading account assets and liabilities, derivative assets and liabilities, AFS debt and marketable equity securities, certain MSRs and certain other assets at fair value. Also, we account for certain corporate loans and loan commitments, LHFS, commercial paper and other short-term borrowings, securities financing agreements, asset-backed secured financings, long-term deposits and long-term debt under the fair value option. For more information, see Note 22 - Fair Value Measurements and Note 23 - Fair Value Option to the Consolidated Financial Statements.

The fair values of assets and liabilities include adjustments for market liquidity, credit quality and other deal specific factors, where appropriate. Valuations of products using models or other techniques are sensitive to assumptions used for the significant inputs. Where market data is available, the inputs used for valuation reflect that information as of our valuation date. Inputs to valuation models are considered unobservable if they are supported by little or no market activity. In periods of extreme volatility, lessened liquidity
or in illiquid markets, there may be more variability in market pricing or a lack of market data to use in the valuation process. In keeping with the prudent application of estimates and management judgment in determining the fair value of assets and liabilities, we have in place various processes and controls that include: a model validation policy that requires review and approval of quantitative models used for deal pricing, financial statement fair value determination and risk quantification; a trading product valuation policy that requires verification of all traded product valuations; and a periodic review and substantiation of daily profit and loss reporting for all traded products. Primarily through validation controls, we utilize both broker and pricing service inputs which can and do include both market-observable and internally-modeled values and/or valuation inputs. Our reliance on this information is tempered by the knowledge of how the broker and/or pricing service develops its data with a higher degree of reliance applied to those that are more directly observable and lesser reliance applied to those developed through their own internal modeling. Similarly, broker quotes that are executable are given a higher level of reliance than indicative broker quotes, which are not executable. These processes and controls are performed independently of the business.

Trading account assets and liabilities are carried at fair value based primarily on actively traded markets where prices are from either direct market quotes or observed transactions. Liquidity is a significant factor in the determination of the fair value of trading account assets and liabilities. Market price quotes may not be readily available for some positions, or positions within a market sector where trading activity has slowed significantly or ceased. Situations of illiquidity generally are triggered by market perception of credit uncertainty regarding a single company or a specific market sector. In these instances, fair value is determined based on limited available market information and other factors, principally from reviewing the issuer's financial statements and changes in credit ratings made by one or more of the ratings agencies.

Trading account profits (losses), which represent the net amount earned from our trading positions, can be volatile and are largely driven by general market conditions and customer demand. Trading account profits (losses) are dependent on the volume and type of transactions, the level of risk assumed, and the volatility of price and rate movements at any given time within the everchanging market environment. To evaluate risk in our trading activities, we focus on the actual and potential volatility of individual positions as well as portfolios. At a portfolio and corporate level, we use trading limits, stress testing and tools such as VaR modeling, which estimates a potential daily loss that we do not expect to exceed with a specified confidence level, to measure and manage market risk. For more information on VaR, see Trading Risk Management beginning on page 104.

The fair values of derivative assets and liabilities traded in the OTC market are determined using quantitative models that require the use of multiple market inputs including interest rates, prices and indices to generate continuous yield or pricing curves and volatility factors, which are used to value the positions. The majority of market inputs are actively quoted and can be validated through external sources including brokers, market transactions and third-party pricing services. Estimation risk is greater for derivative asset and liability positions that are either option-based or have longer maturity dates where observable market inputs are less readily available or are unobservable, in which case quantitative-based extrapolations of rate, price or index scenarios are used in determining fair values. The Corporation incorporates within its fair value measurements of OTC derivatives the net credit differential between the counterparty credit risk and our own credit risk. The value of the credit differential is determined by reference to existing direct market reference costs of credit, or where direct references are not available, a proxy is applied consistent with direct references for other counterparties that are similar in credit risk. An estimate of severity of loss is also used in the
determination of fair value, primarily based on historical experience adjusted for any more recent name specific expectations.

## Level 3 Assets and Liabilities

Financial assets and liabilities whose values are based on prices or valuation techniques that require inputs that are both unobservable and are significant to the overall fair value measurement are classified as Level 3 under the fair value hierarchy established in applicable accounting guidance. The Level 3 financial assets and liabilities include private equity investments, consumer MSRs, ABS, highly structured, complex or long-dated derivative contracts, structured notes and certain CDOs, for which there is not an active market for
identical assets from which to determine fair value or where sufficient, current market information about similar assets to use as observable, corroborated data for all significant inputs into a valuation model is not available. In these cases, the fair values of these Level 3 financial assets and liabilities are determined using pricing models, discounted cash flow methodologies, a net asset value approach for certain structured securities, or similar techniques for which the determination of fair value requires significant management judgment or estimation. In 2010, there were no changes to the quantitative models, or uses of such models, that resulted in a material adjustment to the Consolidated Statement of Income.

Table 56 Level 3 Asset and Liability Summary

|  | December 31, 2010 |  |  | December 31, 2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level 3 <br> Fair Value | As a \% of Total Level 3 Assets | As a \% of Total Assets | Level 3 <br> Fair Value | As a \% of Total Level 3 Assets | As a \% of Total Assets |
| Trading account assets | \$15,525 | 19.56\% | 0.69\% | \$ 21,077 | 20.34\% | 0.95\% |
| Derivative assets | 18,773 | 23.65 | 0.83 | 23,048 | 22.24 | 1.03 |
| Available-for-sale securities | 15,873 | 19.99 | 0.70 | 20,346 | 19.63 | 0.91 |
| All other Level 3 assets at fair value | 29,217 | 36.80 | 1.29 | 39,164 | 37.79 | 1.76 |
| Total Level 3 assets at fair value ${ }^{(1)}$ | \$79,388 | 100.00\% | 3.51\% | \$103,635 | 100.00\% | 4.65\% |
|  | Level 3 Fair Value | As a \% of Total Level 3 Liabilities | As a \% of Total Liabilities | Level 3 <br> Fair Value | As a \% of Total Level 3 Liabilities | As a \% of Total Liabilities |
| Trading account liabilities | \$ 7 | 0.05\% | - | \$ 396 | 1.81\% | 0.02\% |
| Derivative liabilities | 11,028 | 70.90 | 0.54\% | 15,185 | 69.53 | 0.76 |
| Long-term debt | 2,986 | 19.20 | 0.15 | 4,660 | 21.34 | 0.23 |
| All other Level 3 liabilities at fair value | 1,534 | 9.85 | 0.07 | 1,598 | 7.32 | 0.08 |
| Total Level 3 liabilities at fair value ${ }^{(1)}$ | \$15,555 | 100.00\% | 0.76\% | \$ 21,839 | 100.00\% | 1.09\% |

${ }^{(1)}$ Level 3 total assets and liabilities are shown before the impact of counterparty netting related to our derivative positions.

During 2010, we recognized net gains of $\$ 7.1$ billion on Level 3 assets and liabilities which were primarily gains on net derivatives driven by income earned on IRLCs, which are considered derivative instruments related to the origination of mortgage loans that are held-for-sale. These gains were partially offset by changes in the value of MSRs as a result of a decline in interest rates and OTTI losses on non-agency RMBS. We also recorded pre-tax net unrealized losses of $\$ 193$ million in accumulated OCI on Level 3 assets and liabilities during 2010, primarily related to non-agency RMBS.

Level 3 financial instruments, such as our consumer MSRs, may be economically hedged with derivatives not classified as Level 3; therefore, gains or losses associated with Level 3 financial instruments may be offset by gains or losses associated with financial instruments classified in other levels of the fair value hierarchy. The gains and losses recorded in earnings did not have a significant impact on our liquidity or capital resources.

We conduct a review of our fair value hierarchy classifications on a quarterly basis. Transfers into or out of Level 3 are made if the significant inputs used in the financial models measuring the fair values of the assets and liabilities became unobservable or observable, respectively, in the current marketplace. These transfers are effective as of the beginning of the quarter.

During 2010, the more significant transfers into Level 3 included $\$ 3.2$ billion of trading account assets, $\$ 3.5$ billion of AFS debt securities, $\$ 1.1$ billion of net derivative contracts and $\$ 1.9$ billion of long-term debt. Transfers into Level 3 for trading account assets were driven by reduced price transparency as a result of lower levels of trading activity for certain municipal auction rate securities and corporate debt securities as well as a change in valuation
methodology for certain ABS to a discounted cash flow model. Transfers into Level 3 for AFS debt securities were due to an increase in the number of nonagency RMBS and other taxable securities priced using a discounted cash flow model. Transfers into Level 3 for net derivative contracts were primarily related to a lack of price observability for certain credit default and total return swaps. Transfers in and transfers out of Level 3 for long-term debt are primarily due to changes in the impact of unobservable inputs on the value of certain equity-linked structured notes.

During 2010, the more significant transfers out of Level 3 were $\$ 3.4$ billion of trading account assets and $\$ 1.8$ billion of long-term debt. Transfers out of Level 3 for trading account assets were driven by increased price verification of certain mortgage-backed securities, corporate debt and non-U.S. government and agency securities. Transfers out of Level 3 for long-term debt are the result of a decrease in the significance of unobservable pricing inputs for certain equity-linked structured notes.

## Global Principal Investments

Global Principal Investments is included within Equity Investments in All Other on page 55. Global Principal Investments is comprised of a diversified portfolio of private equity, real estate and other alternative investments in both privately held and publicly traded companies. These investments are made either directly in a company or held through a fund. At December 31, 2010, this portfolio totaled $\$ 11.7$ billion including $\$ 9.7$ billion of non-public investments.

Certain equity investments in the portfolio are subject to investmentcompany accounting under applicable accounting guidance, and accordingly,
are carried at fair value with changes in fair value reported in equity investment income. Initially the transaction price of the investment is generally considered to be the best indicator of fair value. Thereafter, valuation of direct investments is based on an assessment of each individual investment using methodologies that include publicly traded comparables derived by multiplying a key performance metric (e.g., earnings before interest, taxes, depreciation and amortization) of the portfolio company by the relevant valuation multiple observed for comparable companies, acquisition comparables, entry-level multiples and discounted cash flows, and are subject to appropriate discounts for lack of liquidity or marketability. Certain factors that may influence changes in fair value include but are not limited to, recapitalizations, subsequent rounds of financing and offerings in the equity or debt capital markets. For fund investments, we generally record the fair value of our proportionate interest in the fund's capital as reported by the fund's respective managers.

## Accrued Income Taxes

Accrued income taxes, reported as a component of accrued expenses and other liabilities on our Consolidated Balance Sheet, represents the net amount of current income taxes we expect to pay to or receive from various taxing jurisdictions attributable to our operations to date. We currently file income tax returns in more than 100 jurisdictions and consider many factors, including statutory, judicial and regulatory guidance, in estimating the appropriate accrued income taxes for each jurisdiction.

In applying the applicable accounting guidance, we monitor relevant tax authorities and change our estimate of accrued income taxes due to changes in income tax laws and their interpretation by the courts and regulatory authorities. These revisions of our estimate of accrued income taxes, which also may result from our income tax planning and from the resolution of income tax controversies, may be material to our operating results for any given period.

## Goodwill and Intangible Assets

## Background

The nature of and accounting for goodwill and intangible assets are discussed in Note 1 - Summary of Significant Accounting Principles and Note 10 Goodwill and Intangible Assets to the Consolidated Financial Statements. Goodwill is reviewed for potential impairment at the reporting unit level on an annual basis, which for the Corporation is performed as of June 30 and in interim periods if events or circumstances indicate a potential impairment. See discussion about the annual impairment test as of June 30, 2010 on page 115. A reporting unit is a business segment or one level below. As reporting units are determined after an acquisition or evolve with changes in business strategy, goodwill is assigned to reporting units and it no longer retains its association with a particular acquisition. All of the revenue streams and related activities of a reporting unit, whether acquired or organic, are available to support the value of the goodwill.

The Corporation's common stock price, consistent with common stock prices in the financial services industry, remains volatile primarily due to the continued uncertainty in the financial markets as well as recent financial reforms including the Financial Reform Act. Our market capitalization has remained below our recorded book value during 2010. The fair value of all reporting units in aggregate as of the June 30, 2010 annual impairment test was estimated to be $\$ 264.4$ billion and the common stock market capitalization of the Corporation as of that date was $\$ 144.2$ billion ( $\$ 134.5$ billion at December 31, 2010). The implied control premium, which is the amount a buyer would be willing to pay over the current market price of a publicly traded stock to obtain control, was 63 percent after taking into consideration the outstanding preferred stock of $\$ 18.0$ billion as of June 30, 2010. As none of our reporting units are publicly traded, individual reporting unit fair value determinations are not directly correlated to the Corporation's stock price. Although we believe it is reasonable to conclude that market capitalization
could be an indicator of fair value over time, we do not believe that recent fluctuations in our market capitalization as a result of the current economic conditions are reflective of actual cash flows and the fair value of our individual reporting units.

Estimating the fair value of reporting units and the assets, liabilities and intangible assets of a reporting unit is a subjective process that involves the use of estimates and judgments, particularly related to cash flows, the appropriate discount rates and an applicable control premium. The fair values of the reporting units were determined using a combination of valuation techniques consistent with the market approach and the income approach and included the use of independent valuation specialists. Measurement of the fair values of the assets, liabilities and intangibles of a reporting unit was consistent with the requirements of the fair value measurements accounting guidance and includes the use of estimates and judgments. The fair values of the intangible assets were determined using the income approach.

The market approach we used estimates the fair value of the individual reporting units by incorporating any combination of the tangible capital, book capital and earnings multiples from comparable publicly traded companies in industries similar to that of the reporting unit. The relative weight assigned to these multiples varies among the reporting units based upon qualitative and quantitative characteristics, primarily the size and relative profitability of the respective reporting unit compared to the comparable publicly traded companies. Since the fair values determined under the market approach are representative of a noncontrolling interest, a control premium was added to arrive at the reporting units' estimated fair values on a controlling basis.

For purposes of the income approach, we calculated discounted cash flows using estimated future cash flows and an appropriate terminal value. Our discounted cash flow analysis employs a capital asset pricing model in estimating the discount rate (i.e., cost of equity financing) for each reporting unit. The inputs to this model include the risk-free rate of return, beta, which is a measure of the level of non-diversifiable risk associated with comparable companies for each specific reporting unit, market equity risk premium and in certain cases an unsystematic (company-specific) risk factor. The unsystematic risk factor is the input that specifically addresses uncertainty related to our projections of earnings and growth, including the uncertainty related to loss expectations. We utilized discount rates that we believe adequately reflect the risk and uncertainty in the financial markets generally and specifically in our internally developed forecasts. Expected rates of equity returns were estimated based on historical market returns and risk/return rates for similar industries of the reporting unit. We use our internal forecasts to estimate future cash flows and actual results may differ from forecasted results.

## Global Card Services Impairment

On July 21, 2010, the Financial Reform Act was signed into law. Under the Financial Reform Act and its amendment to the Electronic Fund Transfer Act, the Federal Reserve must adopt rules within nine months of enactment of the Financial Reform Act regarding the interchange fees that may be charged with respect to electronic debit transactions. Those rules will take effect one year after enactment of the Financial Reform Act. The Financial Reform Act and the applicable rules are expected to materially reduce the future revenues generated by the debit card business of the Corporation.

Our consumer and small business card products, including the debit card business, are part of an integrated platform within Global Card Services. During the three months ended September 30, 2010, our estimate of revenue loss due to the debit card interchange fee standards to be adopted under the Financial Reform Act was approximately $\$ 2.0$ billion annually based on current volumes. Accordingly, we performed an impairment test for Global Card Services during the three months ended September 30, 2010. In step one of the impairment test, the fair value of Global Card Services was estimated under the income approach where the significant assumptions included the
discount rate, terminal value, expected loss rates and expected new account growth. We also updated our estimated cash flow valuation to reflect the current strategic plan and other portfolio assumptions. Based on the results of step one of the impairment test, we determined that the carrying amount of Global Card Services, including goodwill, exceeded the fair value. The carrying amount, fair value and goodwill of the reporting unit were $\$ 39.2$ billion, $\$ 25.9$ billion and $\$ 22.3$ billion, respectively. Accordingly, we performed step two of the goodwill impairment test for this reporting unit. In step two, we compared the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. Under step two of the impairment test, significant assumptions in measuring the fair value of the assets and liabilities including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. Based on the results of this thirdquarter goodwill impairment test for Global Card Services, the carrying value of the goodwill assigned to the reporting unit exceeded the implied fair value by $\$ 10.4$ billion. Accordingly, we recorded a non-cash, non-tax deductible goodwill impairment charge of $\$ 10.4$ billion to reduce the carrying value of goodwill in Global Card Services from $\$ 22.3$ billion to $\$ 11.9$ billion. The goodwill impairment test included limited mitigation actions to recapture lost revenue. Although we have identified other potential mitigation actions within Global Card Services, the impact of these actions going forward did not reduce the goodwill impairment charge because these actions are in the early stages of development and, additionally, certain of them may impact segments other than Global Card Services (e.g., Deposits). The impairment charge had no impact on the Corporation's reported Tier 1 and tangible equity ratios.

Due to the continued stress on Global Card Services as a result of the Financial Reform Act, we concluded that an additional impairment analysis should be performed for this reporting unit during the three months ended December 31, 2010. In step one of the goodwill impairment test, the fair value of Global Card Services was estimated under the income approach. The significant assumptions under the income approach included the discount rate, terminal value, expected loss rates and expected new account growth. The carrying amount, fair value and goodwill for the Global Card Services reporting unit were $\$ 27.5$ billion, $\$ 27.6$ billion and $\$ 11.9$ billion, respectively. The estimated fair value as a percent of the carrying amount at December 31, 2010 was 100 percent. Although fair value exceeded the carrying amount in step one of the Global Card Services goodwill impairment test, to further substantiate the value of goodwill, we also performed the step two test for this reporting unit. Under step two of the goodwill impairment test for this reporting unit, significant assumptions in measuring the fair value of the assets and liabilities of the reporting unit including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. The results of step two of the goodwill impairment test indicated that remaining balance of goodwill of $\$ 11.9$ billion was not impaired as of December 31, 2010.

On December 16, 2010, the Federal Reserve released proposed regulations to implement the Durbin Amendment of the Financial Reform Act, which are scheduled to be effective July 21, 2011. The proposed rule includes two alternative interchange fee standards that would apply to all covered issuers: one based on each issuer's costs, with a safe harbor initially set at $\$ 0.07$ per transaction and a cap initially set at $\$ 0.12$ per transaction; and the other a stand-alone cap initially set at $\$ 0.12$ per transaction. See Regulatory Matters beginning on page 60 for additional information. Although the range of revenue loss estimate based on the proposed rule was slightly higher than our original estimate of $\$ 2.0$ billion, given the uncertainty around the potential outcome, we did not change the revenue loss estimate used in the goodwill impairment test during the three months ended December 31, 2010. If the final Federal Reserve rule sets interchange fee standards that are significantly lower than the interchange fee assumptions we used in this goodwill impairment test, we will be required to perform an additional goodwill impairment
test which may result in additional impairment of goodwill in Global Card Services. In view of the uncertainty with model inputs including the final ruling, changes in the economic outlook and the corresponding impact to revenues and asset quality, and the impacts of mitigation actions, it is not possible to estimate the amount or range of amounts of additional goodwill impairment, if any.

## Home Loans \& Insurance Impairment

During the three months ended December 31, 2010, we performed an impairment test for the Home Loans \& Insurance reporting unit as it was likely that there was a decline in its fair value as a result of increased uncertainties, including existing and potential litigation exposure and other related risks, higher current servicing costs including loss mitigation efforts, foreclosure related issues and the redeployment of centralized sales resources to address servicing needs. In step one of the goodwill impairment test, the fair value of Home Loans \& Insurance was estimated based on a combination of the market approach and the income approach. Under the market approach valuation, significant assumptions included market multiples and a control premium. The significant assumptions for the valuation of Home Loans \& Insurance under the income approach included cash flow estimates, the discount rate and the terminal value. These assumptions were updated to reflect the current strategic plan forecast and to address the increased uncertainties referenced above. Based on the results of step one of the impairment test, we determined that the carrying amount of Home Loans \& Insurance, including goodwill, exceeded the fair value. The carrying amount, fair value and goodwill for the Home Loans \& Insurance reporting unit were $\$ 24.7$ billion, $\$ 15.1$ billion and $\$ 4.8$ billion, respectively. Accordingly, we performed step two of the goodwill impairment test for this reporting unit. In step two, we compared the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. Under step two of the goodwill impairment test, significant assumptions in measuring the fair value of the assets and liabilities of the reporting unit including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. Based on the results of step two of the impairment test, the carrying value of the goodwill assigned to Home Loans \& Insurance exceeded the implied fair value by $\$ 2.0$ billion. Accordingly, we recorded a non-cash, non-tax deductible goodwill impairment charge of $\$ 2.0$ billion as of December 31, 2010 to reduce the carrying value of goodwill in the Home Loans \& Insurance reporting unit. The impairment charge had no impact on the Corporation's Tier 1 and tangible equity ratios.

As we obtain additional information relative to our litigation exposure, representations and warranties repurchase obligations, servicing costs and foreclosure related issues, it is possible that such information, if significantly different than the assumptions used in this goodwill impairment test, may result in additional impairment in the Home Loans \& Insurance reporting unit.

## Annual Impairment Test for 2010

We perform our annual goodwill impairment test for all reporting units as of June 30 each year. In performing the first step of the June 30, 2010 annual impairment test, we compared the fair value of each reporting unit to its current carrying amount, including goodwill. To determine fair value, we utilized a combination of a market approach and an income approach. Under the market approach, we compared earnings and equity multiples of the individual reporting units to multiples of publicly traded companies comparable to the individual reporting units. The control premiums used in the June 30, 2010 annual impairment test ranged from 25 to 35 percent. Under the income approach, we updated our assumptions to reflect the current market environment. The discount rates used in the June 30, 2010 annual impairment test ranged from 11 to 15 percent depending on the relative risk of a reporting unit. Because growth rates developed by management for
individual revenue and expense items have been significantly affected by the current economic environment and financial reform, management developed separate long-term forecasts. The fair value of Global Card Services was estimated under the income approach which did not include the impact of any potential future changes that would result from the Financial Reform Act because it was not signed into law until the third quarter 2010.

Based on the results of step one of the annual impairment test, we determined that the carrying amount of the Home Loans \& Insurance and Global Card Services reporting units, including goodwill, exceeded their fair value. The carrying amount, fair value and goodwill for the Home Loans \& Insurance reporting unit were $\$ 27.1$ billion, $\$ 22.5$ billion and $\$ 4.8$ billion, respectively, and for Global Card Services were $\$ 40.1$ billion, $\$ 40.1$ billion and $\$ 22.3$ billion, respectively. Because the carrying amount exceeded the fair value, we performed step two of the goodwill impairment test for these reporting units as of June 30, 2010. For all other reporting units, step two was not required as their fair value exceeded their carrying amount indicating there was no impairment.

In step two for both reporting units, we compared the implied fair value of each reporting unit's goodwill with the carrying amount of that goodwill. We determined the implied fair value of goodwill for a reporting unit by assigning the fair value of the reporting unit to all of the assets and liabilities of that unit, including any unrecognized intangible assets, as if the reporting unit had been acquired in a business combination. The excess of the fair value of the reporting unit over the amounts assigned to its assets and liabilities is the implied fair value of goodwill. Significant assumptions in measuring the fair value of the assets and liabilities of both reporting units including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. Based on the results of step two of the impairment test as of June 30, 2010, we determined that goodwill was not impaired in either Home Loans \& Insurance or Global Card Services.

## Representations and Warranties

The methodology used to estimate the liability for representations and warranties is a function of the representations and warranties given and considers a variety of factors, which include depending upon the counterparty, actual defaults, estimated future defaults, historical loss experience, estimated home prices, estimated probability that we will receive a repurchase request, number of payments made by the borrower prior to default and estimated probability that we will be required to repurchase a loan. Changes to any one of these factors could significantly impact the estimate of our liability. Representations and warranties provision may vary significantly each period as the methodology used to estimate the expense continues to be refined based on the level and type of repurchase requests presented, defects identified, the latest experience gained on repurchase requests and other relevant facts and circumstances. For those claims where we have established a representations and warranties liability as discussed in Note 9 - Representations and Warranties Obligations and Corporate Guarantees to the Consolidated Financial Statements, an assumed simultaneous increase or decrease of 10 percent in estimated future defaults, loss severity and the net repurchase rate would result in an increase of approximately $\$ 850$ million or decrease of approximately $\$ 950$ million in the representations and warranties liability as of December 31, 2010. These sensitivities are hypothetical and are intended to provide an indication of the impact of a significant change in these key assumptions on the representations and warranties liability. In reality, changes in one assumption may result in changes in other assumptions, which may or may not counteract the sensitivity.

For additional information on representations and warranties, see Representations and Warranties on page 56, Note 9 -Representations and Warranties Obligations and Corporate Guarantees and Note 14 - Commitments and Contingencies to the Consolidated Financial Statements.

## Litigation Reserve

In accordance with applicable accounting guidance, the Corporation establishes an accrued liability for litigation and regulatory matters when those matters present loss contingencies that are both probable and estimable. In such cases, there may be an exposure to loss in excess of any amounts accrued. When a loss contingency is not both probable and estimable, the Corporation does not establish an accrued liability. As a litigation or regulatory matter develops, the Corporation, in conjunction with any outside counsel handling the matter, evaluates on an ongoing basis whether such matter presents a loss contingency that is both probable and estimable. If, at the time of evaluation, the loss contingency related to a litigation or regulatory matter is not both probable and estimable, the matter will continue to be monitored for further developments that would make such loss contingency both probable and estimable. Once the loss contingency related to a litigation or regulatory matter is deemed to be both probable and estimable, the Corporation will establish an accrued liability with respect to such loss contingency and record a corresponding amount of litigation-related expense. The Corporation will continue to monitor the matter for further developments that could affect the amount of the accrued liability that has been previously established.

For a limited number of the matters disclosed in Note 14 - Commitments and Contingencies to the Consolidated Financial Statements for which a loss is probable or reasonably possible in future periods, whether in excess of a related accrued liability or where there is no accrued liability, we are able to estimate a range of possible loss. In determining whether it is possible to provide an estimate of loss or range of possible loss, the Corporation reviews and evaluates its material litigation and regulatory matters on an ongoing basis, in conjunction with any outside counsel handling the matter, in light of potentially relevant factual and legal developments. These may include information learned through the discovery process, rulings on dispositive motions, settlement discussions, and other rulings by courts, arbitrators or others. In cases in which the Corporation possesses sufficient information to develop an estimate of loss or range of possible loss, that estimate is aggregated and disclosed in Note 14 - Commitments and Contingencies to the Consolidated Financial Statements. For other disclosed matters for which a loss is probable or reasonably possible, such an estimate is not possible. Those matters for which an estimate is not possible are not included within this estimated range. Therefore, the estimated range of possible loss represents what we believe to be an estimate of possible loss only for certain matters meeting these criteria. It does not represent the Corporation's maximum loss exposure. Information is provided in Note 14 -Commitments and Contingencies to the Consolidated Financial Statements regarding the nature of all of these contingencies and, where specified, the amount of the claim associated with these loss contingencies.

## Consolidation and Accounting for Variable Interest Entities

The entity that has a controlling financial interest in a VIE is referred to as the primary beneficiary and consolidates the VIE. In accordance with the new consolidation guidance effective January 1, 2010, the Corporation is deemed to have a controlling financial interest and is the primary beneficiary of a VIE if it has both the power to direct the activities of the VIE that most significantly impact the VIE's economic performance and an obligation to absorb losses or the right to receive benefits that could potentially be significant to the VIE.

Determining whether an entity has a controlling financial interest in a VIE requires significant judgment. An entity must assess the purpose and design of the VIE, including explicit and implicit contractual arrangements, and the entity's involvement in both the design of the VIE and its ongoing activities. The entity must then determine which activities have the most significant impact on the economic performance of the VIE and whether the entity has the power to direct such activities. For VIEs that hold financial assets, the party that services the assets or makes investment management decisions may have the power to direct the most significant activities of a VIE. Alternatively, a third party that has the unilateral right to replace the servicer or investment manager or to liquidate the VIE may be deemed to be the party with power. If there are no significant ongoing activities, the party that was responsible for the design of the VIE may be deemed to have power. If the entity determines that it has the power to direct the most significant activities of the VIE, then the entity must determine if it has either an obligation to absorb losses or the right to receive benefits that could potentially be significant to the VIE. Such economic interests may include investments in debt or equity instruments issued by the VIE, liquidity commitments, and explicit and implicit guarantees.

On a quarterly basis, we reassess whether we have a controlling financial interest and are the primary beneficiary of a VIE. The quarterly reassessment process considers whether we have acquired or divested the power to direct the activities of the VIE through changes in governing documents or other circumstances. The reassessment also considers whether we have acquired or disposed of a financial interest that could be significant to the VIE, or whether an interest in the VIE has become significant or is no longer significant. The consolidation status of the VIEs with which we are involved may change as a result of such reassessments. Changes in consolidation status are applied prospectively, with assets and liabilities of a newly consolidated VIE initially recorded at fair value. A gain or loss may be recognized upon deconsolidation of a VIE depending on the carrying amounts of deconsolidated assets and liabilities compared to the fair value of retained interests and ongoing contractual arrangements.

## 2009 Compared to 2008

The following discussion and analysis provides a comparison of our results of operations for 2009 and 2008. This discussion should be read in conjunction with the Consolidated Financial Statements and related Notes. Tables 6 and 7 contain financial data to supplement this discussion.

## Overview

## Net Income

Net income totaled $\$ 6.3$ billion in 2009 compared to $\$ 4.0$ billion in 2008. Including preferred stock dividends, net loss applicable to common shareholders was $\$ 2.2$ billion, or $\$(0.29)$ per diluted share. Those results compared with 2008 net income available to common shareholders of $\$ 2.6$ billion, or $\$ 0.54$ per diluted share.

## Net Interest Income

Net interest income on a FTE basis increased $\$ 1.9$ billion to $\$ 48.4$ billion for 2009 compared to 2008. The increase was driven by the improved rate environment, the acquisitions of Countrywide and Merrill Lynch, the impact of new draws on previously securitized accounts and the contribution from market-based net interest income which benefited from the Merrill Lynch acquisition. These items were partially offset by the impact of deleveraging the ALM portfolio earlier in 2009, lower consumer loan levels and the adverse impact of nonperforming loans. The net interest yield on a FTE basis decreased 33 bps to 2.65 percent for 2009 compared to 2008 due to the factors related to the core businesses as described above.

## Noninterest Income

Noninterest income increased $\$ 45.1$ billion to $\$ 72.5$ billion in 2009 compared to 2008. Card income on a held basis decreased $\$ 5.0$ billion primarily due to higher credit losses on securitized credit card loans and lower fee income driven by changes in consumer retail purchase and payment behavior in the stressed economic environment. Investment and brokerage services increased $\$ 6.9$ billion primarily due to the acquisition of Merrill Lynch partially offset by the impact of lower valuations in the equity markets driven by the market downturn in late 2008, which improved modestly in 2009, and net outflows in the cash funds. Investment banking income increased $\$ 3.3$ billion due to higher debt, equity and advisory fees reflecting the increased size of the investment banking platform from the acquisition of Merrill Lynch. Equity investment income increased $\$ 9.5$ billion driven by $\$ 7.3$ billion in gains on sales of portions of our CCB investment and a $\$ 1.1$ billion gain related to our BlackRock investment. Trading account profits (losses) increased $\$ 18.1$ billion primarily driven by favorable core trading results and reduced write-downs on legacy assets partially offset by negative credit valuation adjustments on derivative liabilities of $\$ 662$ million due to improvement in the Corporation's credit spreads. Mortgage banking income increased $\$ 4.7$ billion driven by higher production and servicing income of $\$ 3.2$ billion and $\$ 1.5$ billion. These increases were primarily due to increased volume as a result of the full-year impact of Countrywide and higher refinance activity partially offset by lower MSR results, net of hedges. Gains on sales of debt securities increased $\$ 3.6$ billion due to the favorable interest rate environment and improved credit spreads. Gains were primarily driven by sales of agency MBS and CMOs. The net loss in other decreased $\$ 1.6$ billion primarily due to the $\$ 3.8$ billion gain from the contribution of our merchant processing business to a joint venture, reduced support provided to cash funds and lower write-downs on legacy assets offset by negative credit valuation adjustments recorded on Merrill Lynch structured notes of $\$ 4.9$ billion.

## Provision for Credit Losses

The provision for credit losses increased $\$ 21.7$ billion to $\$ 48.6$ billion for 2009 compared to 2008 reflecting further deterioration in the economy and housing markets across a broad range of property types, industries and borrowers. Net charge-offs totaled $\$ 33.7$ billion, or 3.58 percent of average loans and leases for 2009 compared with $\$ 16.2$ billion, or 1.79 percent for 2008. The increased level of net charge-offs is a result of the same factors noted above.

## Noninterest Expense

Noninterest expense increased $\$ 25.2$ billion to $\$ 66.7$ billion for 2009 compared to 2008. Personnel costs and other general operating expenses rose due to the addition of Merrill Lynch and the full-year impact of Countrywide. Additionally, noninterest expense increased due to higher litigation costs compared to the prior year, a $\$ 425$ million pre-tax charge to pay the U.S. government to terminate its asset guarantee term sheet and higher FDIC insurance costs including a $\$ 724$ million special assessment in 2009.

## Income Tax Expense

Income tax benefit was $\$ 1.9$ billion for 2009 compared to expense of $\$ 420$ million for 2008 and resulted in an effective tax rate of (44.0) percent compared to 9.5 percent in the prior year. The change in the effective tax rate from the prior year was due to increased permanent tax preference items as well as a shift in the geographic mix of our earnings driven by the addition of Merrill Lynch.

## Business Segment Operations

## Deposits

Net income decreased $\$ 3.0$ billion to $\$ 2.6$ billion driven by lower net revenue partially offset by an increase in noninterest expense. Net interest income decreased $\$ 3.8$ billion driven by lower net interest income allocation from ALM activities and spread compression as interest rates declined. Noninterest income was essentially flat at $\$ 6.8$ billion. Noninterest expense increased $\$ 908$ million to $\$ 9.5$ billion primarily due to higher FDIC insurance including a special FDIC assessment, partially offset by lower operating costs related to lower transaction volume due to the economy and productivity initiatives.

## Global Card Services

Net income decreased $\$ 6.8$ billion to a net loss of $\$ 5.3$ billion due to higher provision for credit losses. Net interest income grew $\$ 667$ million to $\$ 20.0$ billion driven by increased loan spreads. Noninterest income decreased $\$ 2.6$ billion to $\$ 9.1$ billion driven by decreases in card income and all other income. The decrease in card income resulted from lower cash advances, credit card interchange and fee income. All other income in 2008 included the gain associated with the Visa initial public offering (IPO). Provision for credit losses increased $\$ 10.0$ billion to $\$ 29.6$ billion primarily driven by higher losses in the consumer card and consumer lending portfolios from impact of the economic conditions. Noninterest expense decreased $\$ 1.2$ billion to $\$ 7.7$ billion primarily due to lower operating and marketing costs, and the impact of certain benefits associated with the Visa IPO transactions.

## Home Loans \& Insurance

Home Loans \& Insurance net loss increased $\$ 1.3$ billion to a net loss of $\$ 3.9$ billion as growth in noninterest income and net interest income was more than offset by higher provision for credit losses and an increase in noninterest expense. Net interest income grew $\$ 1.7$ billion driven primarily by an increase in average LHFS and home equity loans. The growth in average LHFS was a result of higher mortgage loan volume driven by the lower interest rate environment. The growth in average home equity loans was attributable to the migration of certain loans from GWIM to Home Loans \& Insurance as well as the Countrywide acquisition. Noninterest income increased $\$ 5.9$ billion to $\$ 11.9$ billion driven by higher mortgage banking income which benefited from the Countrywide acquisition and higher production income, partially offset by higher representations and warranties provision. Provision for credit losses increased $\$ 5.0$ billion to $\$ 11.2$ billion driven primarily by higher losses in the home equity portfolio and reserve increases in the Countrywide home equity PCI portfolio. Noninterest expense increased $\$ 4.7$ billion to $\$ 11.7$ billion primarily driven by the Countrywide acquisition as well as increased costs related to higher production volume.

## Global Commercial Banking

Net income decreased $\$ 2.9$ billion to a net loss of $\$ 290$ million in 2009 as an increase in revenue was more than offset by increased credit costs. Net interest income was essentially flat at $\$ 8.1$ billion. Noninterest income increased $\$ 552$ million to $\$ 3.1$ billion largely driven by our agreement to
purchase certain retail automotive loans. The provision for credit losses increased $\$ 4.5$ billion to $\$ 7.8$ billion, driven by reserve additions primarily in the commercial real estate portfolio and higher net charge-offs across all portfolios. Noninterest expense increased $\$ 501$ million primarily attributable to higher FDIC insurance, including a special FDIC assessment.

## Global Banking \& Markets

Global Banking \& Markets recognized net income of $\$ 10.1$ billion in 2009 compared to a net loss of $\$ 3.2$ billion in 2008 as increased noninterest income driven by trading account profits was partially offset by higher noninterest expense. Sales and trading revenue was $\$ 17.6$ billion in 2009 compared to a loss of $\$ 6.9$ billion in 2008 primarily due to the addition of Merrill Lynch. Noninterest income also included a $\$ 3.8$ billion pre-tax gain related to the contribution of the merchant processing business into a joint venture. Noninterest expense increased $\$ 8.6$ billion, largely attributable to the Merrill Lynch acquisition.

## Global Wealth \& Investment Management

Net income increased $\$ 702$ million to $\$ 1.7$ billion in 2009 as higher total revenue was partially offset by increases in noninterest expense and provision for credit losses. Net interest income increased $\$ 1.2$ billion to $\$ 6.0$ billion primarily due to the acquisition of Merrill Lynch. Noninterest income increased $\$ 8.6$ billion to $\$ 10.1$ billion primarily due to higher investment and brokerage services income and the lower level of support provided to certain cash funds, partially offset by the impact of lower average equity market levels and net outflows primarily in the cash complex. Provision for credit losses increased $\$ 397$ million to $\$ 1.1$ billion, reflecting the weak economy during 2009 which drove higher net charge-offs in the consumer real estate and commercial portfolios. Noninterest expense increased $\$ 8.3$ billion to $\$ 12.4$ billion driven by the addition of Merrill Lynch and higher FDIC insurance, including a special FDIC assessment, partially offset by lower revenue-related expenses.

## All Other

Net income in All Other was $\$ 1.3$ billion in 2009 compared to a net loss of $\$ 1.1$ billion in 2008 as higher total revenue driven by increases in noninterest income, net interest income and an income tax benefit were partially offset by increased provision for credit losses, merger and restructuring charges and all other noninterest expense. Net interest income increased $\$ 1.5$ billion primarily due to unallocated net interest income related to increased liquidity driven in part by capital raises during 2009. Noninterest income increased $\$ 8.2$ billion to $\$ 10.6$ billion driven by higher equity investment income including a $\$ 7.3$ billion gain on the sale of a portion of our CCB investment and gains on sales of debt securities. These were partially offset by a $\$ 4.9$ billion negative valuation adjustment on certain structured liabilities. Provision for credit losses was $\$ 8.0$ billion in 2009 compared to $\$ 2.8$ billion in 2008 primarily due to higher credit costs related to our ALM residential mortgage portfolio. Merger and restructuring charges increased $\$ 1.8$ billion to $\$ 2.7$ billion due to the integration costs associated with the Merrill Lynch and Countrywide acquisitions.

## Statistical Tables

Table I Year-to-date Average Balances and Interest Rates - FTE Basis

 the Corporation's Consolidated Balance Sheet presentation of these deposits. Net interest income and net interest yield are calculated excluding these fees.
${ }^{(2)}$ Yields on AFS debt securities are calculated based on fair value rather than the cost basis. The use of fair value does not have a material impact on net interest yield
 accrete interest income over the remaining life of the loan.
${ }^{4)}$ Includes non-U.S. residential mortgage loans of $\$ 410$ million and $\$ 622$ million in 2010 and 2009. There were no material non-U.S. residential mortgage loans prior to January 1 , 2009 .
${ }^{(5)}$ Includes non-U.S. consumer loans of $\$ 7.9$ billion, $\$ 8.0$ billion and $\$ 2.7$ billion in 2010, 2009 and 2008, respectively.
 2010, 2009 and 2008, respectively.


 For further information on interest rate contracts, see Interest Rate Risk Management for Nontrading Activities beginning on page 107.

Table II Analysis of Changes in Net Interest Income - FTE Basis


[^1]Table III Preferred Stock Cash Dividend Summary (as of February 25, 2011)

| Preferred Stock | Outstanding <br> Notional <br> Amount <br> (in millions) | Declaration Date | Record Date | Payment Date | Per Annum Dividend Rate | Dividend Per Share |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Series B ${ }^{(1)}$ | \$ 1 | January 26, 2011 | April 11, 2011 | April 25, 2011 | 7.00\% | \$ 1.75 |
|  |  | October 25, 2010 | January 11, 2011 | January 25, 2011 | 7.00 | 1.75 |
|  |  | July 28, 2010 | October 11, 2010 | October 25, 2010 | 7.00 | 1.75 |
|  |  | April 28, 2010 | July 9, 2010 | July 23, 2010 | 7.00 | 1.75 |
|  |  | January 27, 2010 | April 9, 2010 | April 23, 2010 | 7.00 | 1.75 |
| Series D ${ }^{(2)}$ | \$ 661 | January 4, 2011 | February 28, 2011 | March 14, 2011 | 6.204\% | \$0.38775 |
|  |  | October 4, 2010 | November 30, 2010 | December 14, 2010 | 6.204 | 0.38775 |
|  |  | July 2, 2010 | August 31, 2010 | September 14, 2010 | 6.204 | 0.38775 |
|  |  | April 2, 2010 | May 28, 2010 | June 14, 2010 | 6.204 | 0.38775 |
|  |  | January 4, 2010 | February 26, 2010 | March 15, 2010 | 6.204 | 0.38775 |
| Series E ${ }^{(2)}$ | \$ 487 | January 4, 2011 | January 31, 2011 | February 15, 2011 | Floating | \$0.25556 |
|  |  | October 4, 2010 | October 29, 2010 | November 15, 2010 | Floating | 0.25556 |
|  |  | July 2, 2010 | July 30, 2010 | August 16, 2010 | Floating | 0.25556 |
|  |  | April 2, 2010 | April 30, 2010 | May 17, 2010 | Floating | 0.24722 |
|  |  | January 4, 2010 | January 29, 2010 | February 16, 2010 | Floating | 0.25556 |
| Series $\mathrm{H}^{(2)}$ | \$2,862 | January 4, 2011 | January 15, 2011 | February 1, 2011 | 8.20\% | \$0.51250 |
|  |  | October 4, 2010 | October 15, 2010 | November 1, 2010 | 8.20 | 0.51250 |
|  |  | July 2, 2010 | July 15, 2010 | August 2, 2010 | 8.20 | 0.51250 |
|  |  | April 2, 2010 | April 15, 2010 | May 3, 2010 | 8.20 | 0.51250 |
|  |  | January 4, 2010 | January 15, 2010 | February 1, 2010 | 8.20 | 0.51250 |
| Series ${ }^{(2)}$ | \$ 365 | January 4, 2011 | March 15, 2011 | April 1, 2011 | 6.625\% | \$0.41406 |
|  |  | October 4, 2010 | December 15, 2010 | January 3, 2011 | 6.625 | 0.41406 |
|  |  | July 2, 2010 | September 15, 2010 | October 1, 2010 | 6.625 | 0.41406 |
|  |  | April 2, 2010 | June 15, 2010 | July 1, 2010 | 6.625 | 0.41406 |
|  |  | January 4, 2010 | March 15, 2010 | April 1, 2010 | 6.625 | 0.41406 |
| Series J ${ }^{(2)}$ | \$ 978 | January 4, 2011 | January 15, 2011 | February 1, 2011 | 7.25\% | \$0.45312 |
|  |  | October 4, 2010 | October 15, 2010 | November 1, 2010 | 7.25 | 0.45312 |
|  |  | July 2, 2010 | July 15, 2010 | August 2, 2010 | 7.25 | 0.45312 |
|  |  | April 2, 2010 | April 15, 2010 | May 3, 2010 | 7.25 | 0.45312 |
|  |  | January 4, 2010 | January 15, 2010 | February 1, 2010 | 7.25 | 0.45312 |
| Series K ${ }^{(3,4)}$ | \$1,668 | January 4, 2011 | January 15, 2011 | January 31, 2011 | Fixed-to-Floating | \$ 40.00 |
|  |  | July 2, 2010 | July 15, 2010 | July 30, 2010 | Fixed-to-Floating | 40.00 |
|  |  | January 4, 2010 | January 15, 2010 | February 1, 2010 | Fixed-to-Floating | 40.00 |
| Series L | \$3,349 | December 17, 2010 | January 3, 2011 | January 31, 2011 | 7.25\% | \$ 18.125 |
|  |  | September 17, 2010 | October 1, 2010 | November 1, 2010 | 7.25 | 18.125 |
|  |  | June 17, 2010 | July 1, 2010 | July 30, 2010 | 7.25 | 18.125 |
|  |  | March 17, 2010 | April 1, 2010 | April 30, 2010 | 7.25 | 18.125 |
| Series M ${ }^{(3,4)}$ | \$1,434 | October 4, 2010 | October 31, 2010 | November 15, 2010 | Fixed-to-Floating | \$ 40.625 |
|  |  | April 2, 2010 | April 30, 2010 | May 17, 2010 | Fixed-to-Floating | 40.625 |

[^2]Table III Preferred Stock Cash Dividend Summary (as of February 25, 2011) (continued)

| Preferred Stock | Outstanding <br> Notional Amount (in millions) | Declaration Date | Record Date | Payment Date | Per Annum Dividend Rate | Dividend Per Share |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Series $1^{(5)}$ | \$ 146 | January 4, 2011 | February 15, 2011 | February 28, 2011 | Floating | \$ 0.19167 |
|  |  | October 4, 2010 | November 15, 2010 | November 29, 2010 | Floating | 0.19167 |
|  |  | July 2, 2010 | August 15, 2010 | August 31, 2010 | Floating | 0.19167 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | Floating | 0.18542 |
|  |  | January 4, 2010 | February 15, 2010 | February 26, 2010 | Floating | 0.19167 |
| Series $2{ }^{(5)}$ | \$ 526 | January 4, 2011 | February 15, 2011 | February 28, 2011 | Floating | \$ 0.19167 |
|  |  | October 4, 2010 | November 15, 2010 | November 29, 2010 | Floating | 0.19167 |
|  |  | July 2, 2010 | August 15, 2010 | August 31, 2010 | Floating | 0.19167 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | Floating | 0.18542 |
|  |  | January 4, 2010 | February 15, 2010 | February 26, 2010 | Floating | 0.19167 |
| Series $3{ }^{(5)}$ | \$ 670 | January 4, 2011 | February 15, 2011 | February 28, 2011 | 6.375\% | \$ 0.39843 |
|  |  | October 4, 2010 | November 15, 2010 | November 29, 2010 | 6.375 | 0.39843 |
|  |  | July 2, 2010 | August 15, 2010 | August 30, 2010 | 6.375 | 0.39843 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | 6.375 | 0.39843 |
|  |  | January 4, 2010 | February 15, 2010 | March 1, 2010 | 6.375 | 0.39843 |
| Series $4{ }^{(5)}$ | \$ 389 | January 4, 2011 | February 15, 2011 | February 28, 2011 | Floating | \$ 0.25556 |
|  |  | October 4, 2010 | November 15, 2010 | November 29, 2010 | Floating | 0.25556 |
|  |  | July 2, 2010 | August 15, 2010 | August 31, 2010 | Floating | 0.25556 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | Floating | 0.24722 |
|  |  | January 4, 2010 | February 15, 2010 | February 26, 2010 | Floating | 0.25556 |
| Series $5{ }^{(5)}$ | \$ 606 | January 4, 2011 | February 1, 2011 | February 22, 2011 | Floating | \$ 0.25556 |
|  |  | October 4, 2010 | November 1, 2010 | November 22, 2010 | Floating | 0.25556 |
|  |  | July 2, 2010 | August 1, 2010 | August 23, 2010 | Floating | 0.25556 |
|  |  | April 2, 2010 | May 1, 2010 | May 21, 2010 | Floating | 0.24722 |
|  |  | January 4, 2010 | February 1, 2010 | February 22, 2010 | Floating | 0.25556 |
| Series $6{ }^{(6)}$ | \$ 65 | January 4, 2011 | March 15, 2011 | March 30, 2011 | 6.70\% | \$ 0.41875 |
|  |  | October 4, 2010 | December 15, 2010 | December 30, 2010 | 6.70 | 0.41875 |
|  |  | July 2, 2010 | September 15, 2010 | September 30, 2010 | 6.70 | 0.41875 |
|  |  | April 2, 2010 | June 15, 2010 | June 30, 2010 | 6.70 | 0.41875 |
|  |  | January 4, 2010 | March 15, 2010 | March 30, 2010 | 6.70 | 0.41875 |
| Series $7{ }^{(6)}$ | \$ 17 | January 4, 2011 | March 15, 2011 | March 30, 2011 | 6.25\% | \$ 0.39062 |
|  |  | October 4, 2010 | December 15, 2010 | December 30, 2010 | 6.25 | 0.39062 |
|  |  | July 2, 2010 | September 15, 2010 | September 30, 2010 | 6.25 | 0.39062 |
|  |  | April 2, 2010 | June 15, 2010 | June 30, 2010 | 6.25 | 0.39062 |
|  |  | January 4, 2010 | March 15, 2010 | March 30, 2010 | 6.25 | 0.39062 |
| Series $8{ }^{(5)}$ | \$2,673 | January 4, 2011 | February 15, 2011 | February 28, 2011 | 8.625\% | \$ 0.53906 |
|  |  | October 4, 2010 | November 15, 2010 | November 29, 2010 | 8.625 | 0.53906 |
|  |  | July 2, 2010 | August 15, 2010 | August 31, 2010 | 8.625 | 0.53906 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | 8.625 | 0.53906 |
|  |  | January 4, 2010 | February 15, 2010 | March 1, 2010 | 8.625 | 0.53906 |
| Series 2 (MC) ${ }^{(7)}$ | \$ | October 4, 2010 | October 5, 2010 | October 15, 2010 | 9.00\% | \$1,150.00 |
|  |  | July 2, 2010 | August 15, 2010 | August 30, 2010 | 9.00 | 2,250.00 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | 9.00 | 2,250.00 |
|  |  | January 4, 2010 | February 15, 2010 | March 1, 2010 | 9.00 | 2,250.00 |
| Series 3 (MC) ${ }^{(8)}$ | \$ | October 4, 2010 | October 5, 2010 | October 15, 2010 | 9.00\% | \$1,150.00 |
|  |  | July 2, 2010 | August 15, 2010 | August 30, 2010 | 9.00 | 2,250.00 |
|  |  | April 2, 2010 | May 15, 2010 | May 28, 2010 | 9.00 | 2,250.00 |
|  |  | January 4, 2010 | February 15, 2010 | March 1, 2010 | 9.00 | 2,250.00 |

[^3]Table IV Outstanding Loans and Leases

|  | December 31 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | $2010{ }^{(1)}$ | 2009 | 2008 | 2007 | 2006 |
| Consumer |  |  |  |  |  |
| Residential mortgage ${ }^{(2)}$ | \$257,973 | \$242,129 | \$248,063 | \$274,949 | \$241,181 |
| Home equity | 137,981 | 149,126 | 152,483 | 114,820 | 87,893 |
| Discontinued real estate ${ }^{(3)}$ | 13,108 | 14,854 | 19,981 | n/a | n/a |
| U.S. credit card | 113,785 | 49,453 | 64,128 | 65,774 | 61,195 |
| Non-U.S. credit card | 27,465 | 21,656 | 17,146 | 14,950 | 10,999 |
| Direct/Indirect consumer ${ }^{(4)}$ | 90,308 | 97,236 | 83,436 | 76,538 | 59,206 |
| Other consumer ${ }^{(5)}$ | 2,830 | 3,110 | 3,442 | 4,170 | 5,231 |
| Total consumer | 643,450 | 577,564 | 588,679 | 551,201 | 465,705 |
| Commercial |  |  |  |  |  |
| U.S. commercial ${ }^{(6)}$ | 190,305 | 198,903 | 219,233 | 208,297 | 161,982 |
| Commercial real estate ${ }^{(7)}$ | 49,393 | 69,447 | 64,701 | 61,298 | 36,258 |
| Commercial lease financing | 21,942 | 22,199 | 22,400 | 22,582 | 21,864 |
| Non-U.S. commercial | 32,029 | 27,079 | 31,020 | 28,376 | 20,681 |
| Total commercial loans | 293,669 | 317,628 | 337,354 | 320,553 | 240,785 |
| Commercial loans measured at fair value ${ }^{(8)}$ | 3,321 | 4,936 | 5,413 | 4,590 | n/a |
| Total commercial | 296,990 | 322,564 | 342,767 | 325,143 | 240,785 |
| Total loans and leases | \$940,440 | \$900,128 | \$931,446 | \$876,344 | \$706,490 |

${ }^{(1)} 2010$ period is presented in accordance with new consolidation guidance.
${ }^{(2)}$ Includes non-U.S. residential mortgages of $\$ 90$ million and $\$ 552$ million at December 31, 2010 and 2009. There were no material non-U.S. residential mortgage loans prior to January $1,2009$.
${ }^{\text {3 }}$ Includes $\$ 11.8$ billion, $\$ 13.4$ billion and $\$ 18.2$ billion of pay option loans, and $\$ 1.3$ billion, $\$ 1.5$ billion and $\$ 1.8$ billion of subprime loans at December 31, 2010, 2009 and 2008 , respectively. We no longer originate these products,
${ }^{(4)}$ Includes dealer financial services loans of $\$ 42.9$ billion, $\$ 41.6$ billion, $\$ 40.1$ billion, $\$ 37.2$ billion and $\$ 33.4$ billion; consumer lending loans of $\$ 12.9$ billion, $\$ 19.7$ billion, $\$ 28.2$ billion, $\$ 24.4$ billion and $\$ 16.3$ billion; U.S. securitiesbased lending margin loans of $\$ 16.6$ billion, $\$ 12.9$ billion, $\$ 0, \$ 0$ and $\$ 0$; student loans of $\$ 6.8$ billion, $\$ 10.8$ billion, $\$ 8.3$ billion, $\$ 4.7$ billion and $\$ 4.3$ billion; non-U.S. consumer loans of $\$ 8.0$ billion, $\$ 8.0$ billion, $\$ 1.8$ billion, $\$ 3.4$ billion and $\$ 3.9$ billion; and other consumer loans of $\$ 3.1$ billion, $\$ 4.2$ billion, $\$ 5.0$ billion, $\$ 6.8$ billion and $\$ 1.3$ billion at December 31, 2010, 2009, 2008, 2007 and 2006 , respectively.
${ }^{5}$ ) Includes consumer finance loans of $\$ 1.9$ billion, $\$ 2.3$ billion, $\$ 2.6$ billion, $\$ 3.0$ billion and $\$ 2.8$ billion, other non-U.S. consumer loans of $\$ 803$ million, $\$ 709$ million, $\$ 618$ million, $\$ 829$ million and $\$ 2.3$ billion, and consumer overdrafts of $\$ 88$ million, $\$ 144$ million, $\$ 211$ million, $\$ 320$ million and $\$ 172$ million at December 31, 2010, 2009, 2008, 2007 and 2006, respectively.
${ }^{(6)}$ Includes U.S. small business commercial loans, including card-related products, of $\$ 14.7$ billion, $\$ 17.5$ billion, $\$ 19.1$ billion, $\$ 19.3$ billion and $\$ 15.2$ billion at December 31, 2010, 2009, 2008, 2007 and 2006 , respectively.
${ }^{(7)}$ Includes U.S. commercial real estate loans of $\$ 46.9$ billion, $\$ 66.5$ billion, $\$ 63.7$ billion, $\$ 60.2$ billion and $\$ 35.7$ billion and non-U.S. commercial real estate loans of $\$ 2.5$ billion, $\$ 3.0$ billion, $\$ 979$ million, $\$ 1.1$ billion and $\$ 578$ million at December 31, 2010, 2009, 2008, 2007 and 2006, respectively.
${ }^{(8)}$ Certain commercial loans are accounted for under the fair value option and include U.S. commercial loans of $\$ 1.6$ billion, $\$ 3.0$ billion, $\$ 3.5$ billion and $\$ 3.5$ billion, non-U.S. commercial loans of $\$ 1.7$ billion, $\$ 1.9$ billion, $\$ 1.7$ billion and $\$ 790$ million, and commercial real estate loans of $\$ 79$ million, $\$ 90$ million, $\$ 203$ million and $\$ 304$ million at December 31, 2010, 2009, 2008 and 2007, respectively.
$\mathrm{n} / \mathrm{a}=$ not applicable

Table V Nonperforming Loans, Leases and Foreclosed Properties ${ }^{(1)}$

|  | December 31 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2008 | 2007 | 2006 |
| Consumer |  |  |  |  |  |
| Residential mortgage | \$17,691 | \$16,596 | \$ 7,057 | \$1,999 | \$ 660 |
| Home equity | 2,694 | 3,804 | 2,637 | 1,340 | 289 |
| Discontinued real estate | 331 | 249 | 77 | n/a | n/a |
| Direct/Indirect consumer | 90 | 86 | 26 | 8 | 4 |
| Other consumer | 48 | 104 | 91 | 95 | 77 |
| Total consumer ${ }^{(2)}$ | 20,854 | 20,839 | 9,888 | 3,442 | 1,030 |
| Commercial |  |  |  |  |  |
| U.S. commercial ${ }^{(3)}$ | 3,453 | 4,925 | 2,040 | 852 | 494 |
| Commercial real estate | 5,829 | 7,286 | 3,906 | 1,099 | 118 |
| Commercial lease financing | 117 | 115 | 56 | 33 | 42 |
| Non-U.S. commercial | 233 | 177 | 290 | 19 | 13 |
|  | 9,632 | 12,503 | 6,292 | 2,003 | 667 |
| U.S. small business commercial | 204 | 200 | 205 | 152 | 90 |
| Total commercial ${ }^{(4)}$ | 9,836 | 12,703 | 6,497 | 2,155 | 757 |
| Total nonperforming loans and leases | 30,690 | 33,542 | 16,385 | 5,597 | 1,787 |
| Foreclosed properties | 1,974 | 2,205 | 1,827 | 351 | 69 |
| Total nonperforming loans, leases and foreclosed properties ${ }^{(5)}$ | \$32,664 | \$35,747 | \$18,212 | \$5,948 | \$1,856 |

 loan. In addition, FHA loans are excluded from nonperforming loans and foreclosed properties since the principal payments are insured by the FHA.

 and included in earnings for 2010.
${ }^{(3)}$ Excludes U.S. small business commercial loans.
 December 31, 2010 and not included in the table above. Approximately $\$ 76$ million of the estimated $\$ 429$ million in contractual interest was received and included in earnings for 2010.
 or leases past due 90 days or more and still accruing interest accounted for under the fair value option.
$\mathrm{n} / \mathrm{a}=$ not applicable

Table VI Accruing Loans and Leases Past Due 90 Days or More ${ }^{(1)}$

|  | December 31 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2008 | 2007 | 2006 |
| Consumer |  |  |  |  |  |
| Residential mortgage ${ }^{(2)}$ | \$16,768 | \$11,680 | \$ 372 | \$ 237 | \$ 118 |
| U.S. credit card | 3,320 | 2,158 | 2,197 | 1,855 | 1,991 |
| Non-U.S. credit card | 599 | 515 | 368 | 272 | 184 |
| Direct/Indirect consumer | 1,058 | 1,488 | 1,370 | 745 | 378 |
| Other consumer | 2 | 3 | 4 | 4 | 7 |
| Total consumer | 21,747 | 15,844 | 4,311 | 3,113 | 2,678 |
| Commercial |  |  |  |  |  |
| U.S. commercial ${ }^{(3)}$ | 236 | 213 | 381 | 119 | 66 |
| Commercial real estate | 47 | 80 | 52 | 36 | 78 |
| Commercial lease financing | 18 | 32 | 23 | 25 | 26 |
| Non-U.S. commercial | 6 | 67 | 7 | 16 | 9 |
|  | 307 | 392 | 463 | 196 | 179 |
| U.S. small business commercial | 325 | 624 | 640 | 427 | 199 |
| Total commercial | 632 | 1,016 | 1,103 | 623 | 378 |
| Total accruing loans and leases past due 90 days or more ${ }^{(4)}$ | \$22,379 | \$16,860 | \$5,414 | \$3,736 | \$3,056 |

 life of the loan.
${ }^{(2)}$ Balances represent loans insured by the FHA.
${ }^{(3)}$ Excludes U.S. small business commercial loans.
 2009, there was $\$ 87$ million of loans past due 90 days or more and still accruing interest accounted for under the fair value option.

## Table VII Allowance for Credit Losses

(Dollars in millions)

| consolidation guidance | \$ 37,200 | \$ 23,071 | \$ 11,588 | \$ 9,016 | \$ 8,045 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Allowance related to adoption of new consolidation guidance | 10,788 | n/a | n/a | n/a | n/a |
| Allowance for loan and lease losses, January 1 | 47,988 | 23,071 | 11,588 | 9,016 | 8,045 |
| Loans and leases charged off |  |  |  |  |  |
| Residential mortgage | $(3,779)$ | $(4,436)$ | (964) | (78) | (74) |
| Home equity | $(7,059)$ | $(7,205)$ | $(3,597)$ | (286) | (67) |
| Discontinued real estate | (77) | (104) | (19) | n/a | n/a |
| U.S. credit card | $(13,818)$ | $(6,753)$ | $(4,469)$ | $(3,410)$ | $(3,546)$ |
| Non-U.S. credit card | $(2,424)$ | $(1,332)$ | (639) | (453) | (292) |
| Direct/Indirect consumer | $(4,303)$ | $(6,406)$ | $(3,777)$ | $(1,885)$ | (857) |
| Other consumer | (320) | (491) | (461) | (346) | (327) |
| Total consumer charge-offs | $(31,780)$ | $(26,727)$ | $(13,926)$ | $(6,458)$ | $(5,163)$ |
| U.S. commercial ${ }^{(1)}$ | $(3,190)$ | $(5,237)$ | $(2,567)$ | $(1,135)$ | (597) |
| Commercial real estate | $(2,185)$ | $(2,744)$ | (895) | (54) | (7) |
| Commercial lease financing | (96) | (217) | (79) | (55) | (28) |
| Non-U.S. commercial | (139) | (558) | (199) | (28) | (86) |
| Total commercial charge-offs | $(5,610)$ | $(8,756)$ | $(3,740)$ | $(1,272)$ | (718) |
| Total loans and leases charged off | $(37,390)$ | $(35,483)$ | $(17,666)$ | $(7,730)$ | $(5,881)$ |
| Recoveries of loans and leases previously charged off |  |  |  |  |  |
| Residential mortgage | 109 | 86 | 39 | 22 | 35 |
| Home equity | 278 | 155 | 101 | 12 | 16 |
| Discontinued real estate | 9 | 3 | 3 | n/a | n/a |
| U.S. credit card | 791 | 206 | 308 | 347 | 452 |
| Non-U.S. credit card | 217 | 93 | 88 | 74 | 67 |
| Direct/Indirect consumer | 967 | 943 | 663 | 512 | 247 |
| Other consumer | 59 | 63 | 62 | 68 | 110 |
| Total consumer recoveries | 2,430 | 1,549 | 1,264 | 1,035 | 927 |
| U.S. commercial ${ }^{(2)}$ | 391 | 161 | 118 | 128 | 261 |
| Commercial real estate | 168 | 42 | 8 | 7 | 4 |
| Commercial lease financing | 39 | 22 | 19 | 53 | 56 |
| Non-U.S. commercial | 28 | 21 | 26 | 27 | 94 |
| Total commercial recoveries | 626 | 246 | 171 | 215 | 415 |
| Total recoveries of loans and leases previously charged off | 3,056 | 1,795 | 1,435 | 1,250 | 1,342 |
| Net charge-offs | $(34,334)$ | $(33,688)$ | $(16,231)$ | $(6,480)$ | $(4,539)$ |
| Provision for loan and lease losses | 28,195 | 48,366 | 26,922 | 8,357 | 5,001 |
| Other ${ }^{(3)}$ | 36 | (549) | 792 | 695 | 509 |
| Allowance for loan and lease losses, December 31 | 41,885 | 37,200 | 23,071 | 11,588 | 9,016 |
| Reserve for unfunded lending commitments, January 1 | 1,487 | 421 | 518 | 397 | 395 |
| Provision for unfunded lending commitments | 240 | 204 | (97) | 28 | 9 |
| Other ${ }^{(4)}$ | (539) | 862 | - | 93 | (7) |
| Reserve for unfunded lending commitments, December 31 | 1,188 | 1,487 | 421 | 518 | 397 |
| Allowance for credit losses, December 31 | \$ 43,073 | \$ 38,687 | \$ 23,492 | \$12,106 | \$ 9,413 |

[^4]${ }^{(2)}$ Includes U.S. small business commercial recoveries of $\$ 107$ million, $\$ 65$ million, $\$ 39$ million, $\$ 51$ million and $\$ 54$ million in 2010, 2009, 2008, 2007 and 2006, respectively.
${ }^{(3)}$ The 2009 amount includes a $\$ 750$ million reduction in the allowance for loan and lease losses related to credit card loans of $\$ 8.5$ billion which were exchanged for $\$ 7.8$ billion in held-to-maturity debt securities that were issued by the Corporation's U.S. Credit Card Securitization Trust and retained by the Corporation. The 2008 amount includes the $\$ 1.2$ billion addition of the Countrywide allowance for loan losses as of July 1,2008 . The 2007 and 2006 amounts include $\$ 750$ million and $\$ 577$ million of additions to allowance for loan losses for certain acquisitions.
${ }^{(4)}$ The 2010 amount includes the remaining balance of the acquired Merrill Lynch liability excluding those commitments accounted for under the fair value option, net of accretion, and the impact of funding previously unfunded positions. The 2009 amount represents primarily accretion of the Merrill Lynch purchase accounting adjustment and the impact of funding previously unfunded positions. The 2007 amount includes a $\$ 124$ million addition for reserve for unfunded lending commitments for a prior acquisition.
$\mathrm{n} / \mathrm{a}=$ not applicable

## Table VII Allowance for Credit Losses (continued)

(Dollars in millions)
Loans and leases outstanding at December $31{ }^{(5)}$
Allowance for loan and lease losses as a percentage of total loans and leases outstanding at December $31^{(5)}$
Consumer allowance for loan and lease losses as a percentage of total consumer loans and leases outstanding at December 31
Commercial allowance for loan and lease losses as a percentage of total commercial loans and leases outstanding at December $31{ }^{(5)}$
Average loans and leases outstanding ${ }^{(5)}$
Net charge-offs as a percentage of average loans and leases outstanding ${ }^{(5)}$
Allowance for loan and lease losses as a percentage of total nonperforming loans and leases at December $31^{(5,6,7)}$

| Ratio of the allowance for loan and lease losses at December 31 to net charge-offs | 136 | 111 | 1.22 | 1.10 | 1.42 | 1.79 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Excluding purchased credit-impaired loans: ${ }^{(8)}$
Allowance for loan and lease losses as a percentage of total loans and leases outstanding at December $31^{(5)}$
Consumer allowance for loan and lease losses as a percentage of total consumer loans and leases outstanding at December 31

| 3.94\% | $3.88 \%$ | $2.53 \%$ | $n / a$ | $n / a$ |
| ---: | ---: | ---: | ---: | ---: |
| 4.66 | 4.43 | 2.91 | n/a | n/a |
|  |  |  |  |  |
| 2.44 | 2.96 | 1.90 | n/a | n/a |
| 3.73 | 3.71 | 1.83 | n/a | n/a |
|  |  |  |  |  |
| 116 | 99 | 136 | n/a | n/a |
| 1.04 | 1.00 | 1.38 | n/a | n/a |

Commercial allowance for loan and lease losses as a percentage of total commercial loans and leases outstanding at December $31^{(5)}$
$\begin{array}{lll}\text { Net charge-offs as a percentage of average loans and leases outstanding }{ }^{(5)} & 3.73 & 3.71 \quad 1.83\end{array}$
Allowance for loan and lease losses as a percentage of total nonperforming loans and leases at December $31^{(5,6,7)}$


 December 31, 2010, 2009, 2008, 2007 and 2006, respectively.
${ }^{\text {(7) }}$ For more information on our definition of nonperforming loans, see the discussion beginning on page 85.
${ }^{(8)}$ Metrics exclude the impact of Countrywide consumer PCI loans and Merrill Lynch commercial PCI loans.
$\mathrm{n} / \mathrm{a}=$ not applicable

Table VIII Allocation of the Allowance for Credit Losses by Product Type

${ }^{(1)}$ December 31, 2010 is presented in accordance with new consolidation guidance. Prior periods have not been restated.
${ }^{(2)}$ Includes allowance for U.S. small business commercial loans of $\$ 1.5$ billion, $\$ 2.4$ billion, $\$ 2.4$ billion, $\$ 1.4$ billion and $\$ 578$ million at December 31, 2010, 2009, 2008, 2007 and 2006, respectively
${ }^{(3)}$ Includes allowance for loan and lease losses for impaired commercial loans of $\$ 1.1$ billion, $\$ 1.2$ billion, $\$ 691$ million, $\$ 123$ million and $\$ 43$ million at December 31, 2010, 2009, 2008, 2007 and 2006 , respectively. Included in the $\$ 1.1$ billion at December 31, 2010 is $\$ 445$ million related to U.S. small business commercial renegotiated TDR loans.
${ }^{(4)}$ Amounts for 2010 and 2009 include the Merrill Lynch acquisition. The majority of the increase from December 31,2008 relates to the fair value of the acquired Merrill Lynch unfunded lending commitments, excluding commitments accounted for under the fair value option.
${ }^{(5)}$ Includes $\$ 6.4$ billion, $\$ 3.9$ billion and $\$ 750$ million related to PCI loans at December 31, 2010, 2009 and 2008, respectively.
$\mathrm{n} / \mathrm{a}=$ not applicable

Table IX Selected Loan Maturity Data ${ }^{(1,2)}$

|  | December 31, 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Due in One Year or Less | Due After One Year Through Five Years | Due After Five Years | Total |
| U.S. commercial | \$ 62,325 | \$ 84,412 | \$45,141 | \$191,878 |
| U.S. commercial real estate | 21,097 | 21,084 | 4,777 | 46,958 |
| Non-U.S. and other ${ }^{(3)}$ | 31,012 | 5,610 | 959 | 37,581 |
| Total selected loans | \$114,434 | \$111,106 | \$50,877 | \$276,417 |
| Percent of total | 41.4\% | 40.2\% | 18.4\% | 100\% |
| Sensitivity of selected loans to changes in interest rates for loans due after one year: |  |  |  |  |
| Fixed interest rates |  | \$ 12,164 | \$25,619 |  |
| Floating or adjustable interest rates |  | 98,942 | 25,258 |  |
| Total |  | \$111,106 | \$50,877 |  |

[^5]
## Table X Non-exchange Traded Commodity Contracts

|  | December 31, 2010 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | Asset <br> Positions | Liability Positions |
| Net fair value of contracts outstanding, January 1, 2010 | \$ 5,036 | \$ 3,758 |
| Effects of legally enforceable master netting agreements | 17,785 | 17,785 |
| Gross fair value of contracts outstanding, January 1, 2010 | 22,821 | 21,543 |
| Contracts realized or otherwise settled | $(15,531)$ | $(14,899)$ |
| Fair value of new contracts | 6,240 | 6,734 |
| Other changes in fair value | 1,999 | 2,055 |
| Gross fair value of contracts outstanding, December 31, 2010 | 15,529 | 15,433 |
| Effects of legally enforceable master netting agreements | $(10,756)$ | $(10,756)$ |
| Net fair value of contracts outstanding, December 31, 2010 | \$ 4,773 | \$ 4,677 |

## Table XI Non-exchange Traded Commodity Contract Maturities

|  | December 31, 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  | Asset Positions |  | Liability Positions |
| Less than one year |  | 9,262 |  | 9,453 |
| Greater than or equal to one year and less than three years |  | 4,631 |  | 4,395 |
| Greater than or equal to three years and less than five years |  | 659 |  | 682 |
| Greater than or equal to five years |  | 977 |  | 903 |
| Gross fair value of contracts outstanding |  | 15,529 |  | 15,433 |
| Effects of legally enforceable master netting agreements |  | $(10,756)$ |  | $(10,756)$ |
| Net fair value of contracts outstanding |  | 4,773 |  | 4,677 |

Table XII Selected Quarterly Financial Data

| (Dollars in millions, except per share information) | 2010 Quarters |  |  |  |  |  |  |  | 2009 Quarters |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fourth |  | Third |  | Second |  | First |  | Fourth |  | Third | Second |  | First |
| Income statement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | \$ | 12,439 | \$ | 12,435 | \$ | 12,900 | \$ | 13,749 | \$ | 11,559 \$ | 11,423 \$ | \$ 11,630 | \$ | 12,497 |
| Noninterest income |  | 9,959 |  | 14,265 |  | 16,253 |  | 18,220 |  | 13,517 | 14,612 | 21,144 |  | 23,261 |
| Total revenue, net of interest expense |  | 22,398 |  | 26,700 |  | 29,153 |  | 31,969 |  | 25,076 | 26,035 | 32,774 |  | 35,758 |
| Provision for credit losses |  | 5,129 |  | 5,396 |  | 8,105 |  | 9,805 |  | 10,110 | 11,705 | 13,375 |  | 13,380 |
| Goodwill impairment |  | 2,000 |  | 10,400 |  | - |  | - |  | - | - | - |  | - |
| Merger and restructuring charges |  | 370 |  | 421 |  | 508 |  | 521 |  | 533 | 594 | 829 |  | 765 |
| All other noninterest expense ${ }^{(1)}$ |  | 18,494 |  | 16,395 |  | 16,745 |  | 17,254 |  | 15,852 | 15,712 | 16,191 |  | 16,237 |
| Income (loss) before income taxes |  | $(3,595)$ |  | $(5,912)$ |  | 3,795 |  | 4,389 |  | $(1,419)$ | $(1,976)$ | 2,379 |  | 5,376 |
| Income tax expense (benefit) |  | $(2,351)$ |  | 1,387 |  | 672 |  | 1,207 |  | $(1,225)$ | (975) | (845) |  | 1,129 |
| Net income (loss) |  | $(1,244)$ |  | $(7,299)$ |  | 3,123 |  | 3,182 |  | (194) | $(1,001)$ | 3,224 |  | 4,247 |
| Net income (loss) applicable to common shareholders |  | $(1,565)$ |  | $(7,647)$ |  | 2,783 |  | 2,834 |  | $(5,196)$ | $(2,241)$ | 2,419 |  | 2,814 |
| Average common shares issued and outstanding (in thousands) |  | 0,036,575 |  | 9,976,351 |  | 9,956,773 |  | 9,177,468 |  | 8,634,565 | 8,633,834 | 7,241,515 |  | ,370,815 |
| Average diluted common shares issued and outstanding (in thousands) |  | 0,036,575 |  | 9,976,351 |  | 10,029,776 |  | 10,005,254 |  | 8,634,565 | 8,633,834 | 7,269,518 |  | ,431,027 |
| Performance ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on average assets |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 0.50\% |  | 0.51\% |  | n/m | $\mathrm{n} / \mathrm{m}$ | 0.53\% |  | 0.68\% |
| Four quarter trailing return on average assets ${ }^{(2)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 0.20 |  | 0.21 |  | 0.26\% | 0.20\% | 0.28 |  | 0.28 |
| Return on average common shareholders' equity |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 5.18 |  | 5.73 |  | $\mathrm{n} / \mathrm{m}$ | $\mathrm{n} / \mathrm{m}$ | 5.59 |  | 7.10 |
| Return on average tangible common shareholders' equity ${ }^{(3)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 9.19 |  | 9.79 |  | $\mathrm{n} / \mathrm{m}$ | $\mathrm{n} / \mathrm{m}$ | 12.68 |  | 16.15 |
| Return on average tangible shareholders' equity ${ }^{(3)}$ |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 8.98 |  | 9.55 |  | $\mathrm{n} / \mathrm{m}$ | $\mathrm{n} / \mathrm{m}$ | 8.86 |  | 12.42 |
| Total ending equity to total ending assets |  | 10.08\% |  | 9.85\% |  | 9.85 |  | 9.80 |  | 10.38 | 11.40 | 11.29 |  | 10.32 |
| Total average equity to total average assets |  | 9.94 |  | 9.83 |  | 9.36 |  | 9.14 |  | 10.31 | 10.67 | 10.01 |  | 9.08 |
| Dividend payout |  | $\mathrm{n} / \mathrm{m}$ |  | $\mathrm{n} / \mathrm{m}$ |  | 3.63 |  | 3.57 |  | $\mathrm{n} / \mathrm{m}$ | $\mathrm{n} / \mathrm{m}$ | 3.56 |  | 2.28 |
| Per common share data |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Earnings (loss) | \$ | (0.16) | \$ | (0.77) | \$ | 0.28 | \$ | 0.28 | \$ | (0.60) \$ | (0.26) \$ | \$ 0.33 | \$ | 0.44 |
| Diluted earnings (loss) |  | (0.16) |  | (0.77) |  | 0.27 |  | 0.28 |  | (0.60) | (0.26) | 0.33 |  | 0.44 |
| Dividends paid |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 | 0.01 | 0.01 |  | 0.01 |
| Book value |  | 20.99 |  | 21.17 |  | 21.45 |  | 21.12 |  | 21.48 | 22.99 | 22.71 |  | 25.98 |
| Tangible book value ${ }^{(3)}$ |  | 12.98 |  | 12.91 |  | 12.14 |  | 11.70 |  | 11.94 | 12.00 | 11.66 |  | 10.88 |
| Market price per share of common stock |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Closing | \$ | 13.34 | \$ | 13.10 | \$ | 14.37 | \$ | 17.85 | \$ | 15.06 \$ | 16.92 \$ | \$ 13.20 \$ | \$ | 6.82 |
| High closing |  | 13.56 |  | 15.67 |  | 19.48 |  | 18.04 |  | 18.59 | 17.98 | 14.17 |  | 14.33 |
| Low closing |  | 10.95 |  | 12.32 |  | 14.37 |  | 14.45 |  | 14.58 | 11.84 | 7.05 |  | 3.14 |
| Market capitalization | \$ | 134,536 | \$ | 131,442 | \$ | 144,174 | \$ | 179,071 | \$ | 130,273 \$ | 146,363 \$ | \$ 114,199 | \$ | 43,654 |
| Average balance sheet |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total loans and leases | \$ | 940,614 | \$ | 934,860 | \$ | 967,054 | \$ | 991,615 | \$ | 905,913 \$ | \$ 930,255 \$ | \$ 966,105 \$ | \$ | 994,121 |
| Total assets |  | 2,370,258 |  | 2,379,397 |  | 2,494,432 |  | 2,516,590 |  | 2,431,024 | 2,398,201 | 2,425,377 |  | ,519,134 |
| Total deposits |  | 1,007,738 |  | 973,846 |  | 991,615 |  | 981,015 |  | 995,160 | 989,295 | 974,892 |  | 964,081 |
| Long-term debt |  | 465,875 |  | 485,588 |  | 497,469 |  | 513,634 |  | 445,440 | 449,974 | 444,131 |  | 446,975 |
| Common shareholders' equity |  | 218,728 |  | 215,911 |  | 215,468 |  | 200,380 |  | 197,123 | 197,230 | 173,497 |  | 160,739 |
| Total shareholders' equity |  | 235,525 |  | 233,978 |  | 233,461 |  | 229,891 |  | 250,599 | 255,983 | 242,867 |  | 228,766 |
| Asset quality ${ }^{(4)}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Allowance for credit losses ${ }^{(5)}$ | \$ | $43,073$ | \$ |  | \$ |  | \$ |  | \$ | $38,687 \$$ | 37,399 \$ | $\$ \quad 35,777$ | \$ | 31,150 |
| Nonperforming loans, leases and foreclosed properties ${ }^{(6)}$ |  | 32,664 |  | $34,556$ |  | 35,598 |  | 35,925 |  | $35,747$ | 33,825 | $30,982$ |  | 25,632 |
| Allowance for loan and lease losses as a percentage of total loans and leases outstanding |  | 4.47\% |  | 4.69\% |  | 4.75\% |  | 4.82\% |  | 4.16\% | 3.95\% | 3.61\% |  | 3.00\% |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases ${ }^{(6,7)}$ |  | 136 |  | 135 |  | 137 |  | 139 |  | 111 | 112 | 116 |  | 122 |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases excluding the purchased creditimpaired loan portfolio ${ }^{(6,7)}$ |  | 116 |  | 118 |  | 121 |  | 124 |  | 99 | 101 | 108 |  | 115 |
| Net charge-offs | \$ | 6,783 | \$ | 7,197 | \$ | 9,557 | \$ | 10,797 | \$ | 8,421 \$ | 9,624 \$ | \$ 8,701 \$ |  | 6,942 |
| Annualized net charge-offs as a percentage of average loans and leases outstanding ${ }^{(6)}$ |  | 2.87\% |  | 3.07\% |  | 3.98\% |  | 4.44\% |  | 3.71\% | 4.13\% | 3.64\% |  | 2.85\% |
| Nonperforming loans and leases as a percentage of total loans and leases outstanding ${ }^{(6)}$ |  | 3.27 |  | 3.47 |  | 3.48 |  | 3.46 |  | 3.75 | 3.51 | 3.12 |  | 2.47 |
| Nonperforming loans, leases and foreclosed properties as a percentage of total loans, leases and foreclosed properties ${ }^{(6)}$ |  | 3.48 |  | 3.71 |  | 3.73 |  | 3.69 |  | 3.98 | 3.72 | 3.31 |  | 2.64 |
| Ratio of the allowance for loan and lease losses at period end to annualized net charge-offs |  | 1.56 |  | 1.53 |  | 1.18 |  | 1.07 |  | 1.11 | 0.94 | 0.97 |  | 1.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital ratios (period end) Risk-based capital: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tier 1 common |  | 8.60\% |  | 8.45\% |  | 8.01\% |  | 7.60\% |  | 7.81\% | 7.25\% | 6.90\% |  | 4.49\% |
| Tier 1 |  | 11.24 |  | 11.16 |  | 10.67 |  | 10.23 |  | 10.40 | 12.46 | 11.93 |  | 10.09 |
| Total |  | 15.77 |  | 15.65 |  | 14.77 |  | 14.47 |  | 14.66 | 16.69 | 15.99 |  | 14.03 |
| Tier 1 leverage |  | 7.21 |  | 7.21 |  | 6.68 |  | 6.44 |  | 6.88 | 8.36 | 8.17 |  | 7.07 |
| Tangible equity ${ }^{(3)}$ |  | 6.75 |  | 6.54 |  | 6.14 |  | 6.02 |  | 6.40 | 7.51 | 7.37 |  | 6.42 |
| Tangible common equity ${ }^{(3)}$ |  | 5.99 |  | 5.74 |  | 5.35 |  | 5.22 |  | 5.56 | 4.80 | 4.66 |  | 3.13 |

[^6]${ }^{\text {2) }}$ Calculated as total net income for four consecutive quarters divided by average assets for the period.
${ }^{(3)}$ Tangible equity ratios and tangible book value per share of common stock are non-GAAP measures. Other companies may define or calculate these measures differently. For additional information on these ratios, see Supplemental Financial Data beginning on page 40 and for corresponding reconciliations to GAAP financial measures, see Table XV.
${ }^{(4)}$ For more information on the impact of the PCl loan portfolio on asset quality, see Consumer Portfolio Credit Risk Management beginning on page 76 and Commercial Portfolio Credit Risk Management beginning on page 87.
${ }^{(5)}$ Includes the allowance for loan and lease losses and the reserve for unfunded lending commitments.
${ }^{(6)}$ Balances and ratios do not include loans accounted for under the fair value option. For additional exclusions on nonperforming loans, leases and foreclosed properties, see Nonperforming Consumer Loans and Foreclosed Properties Activity beginning on page 85 and corresponding Table 33 and Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity and corresponding Table 41 on page 93.
${ }^{(7)}$ Allowance for loan and lease losses includes $\$ 22.9$ billion, $\$ 23.7$ billion, $\$ 24.3$ billion, $\$ 26.2$ billion, $\$ 17.7$ billion, $\$ 17.2$ billion, $\$ 16.5$ billion and $\$ 14.9$ billion allocated to products that are excluded from nonperforming loans, leases and foreclosed properties at December 31, 2010, September 30, 2010, June 30, 2010, March 31, 2010, December 31, 2009, September 30, 2009, June 30, 2009, and March 31, 2009, respectively.
$n / m=$ not meaningful

## Table XIII Five Year Reconciliations to GAAP Financial Measures ${ }^{(1)}$

| (Dollars in millions, except per share information) | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reconciliation of net interest income to net interest income on a fully taxable-equivalent basis Net interest income <br> Fully taxable-equivalent adjustment | \$ | $\begin{array}{r} 51,523 \\ 1,170 \end{array}$ | \$ | $\begin{array}{r} 47,109 \\ 1,301 \end{array}$ | \$ | $\begin{array}{r} 45,360 \\ 1,194 \end{array}$ | \$ | $\begin{array}{r} 34,441 \\ 1,749 \end{array}$ | \$ | $\begin{array}{r} 34,594 \\ 1,224 \end{array}$ |
| Net interest income on a fully taxable-equivalent basis | \$ | 52,693 | \$ | 48,410 | \$ | 46,554 | \$ | 36,190 | \$ | 35,818 |
| Reconciliation of total revenue, net of interest expense to total revenue, net of interest expense on a fully taxable-equivalent basis <br> Total revenue, net of interest expense <br> Fully taxable-equivalent adjustment | \$ | $\begin{array}{r} 110,220 \\ 1,170 \end{array}$ | \$ | $\begin{array}{r} 119,643 \\ 1,301 \end{array}$ | \$ | $\begin{array}{r} 72,782 \\ 1,194 \end{array}$ | \$ | $\begin{array}{r} 66,833 \\ 1,749 \end{array}$ | \$ | $\begin{array}{r} 72,776 \\ 1,224 \end{array}$ |
| Total revenue, net of interest expense on a fully taxable-equivalent basis | \$ | 111,390 | \$ | 120,944 | \$ | 73,976 | \$ | 68,582 | \$ | 74,000 |
| Reconciliation of total noninterest expense to total noninterest expense, excluding goodwill impairment charges <br> Total noninterest expense <br> Goodwill impairment charges | \$ | $\begin{gathered} 83,108 \\ (12,400) \\ \hline \end{gathered}$ | \$ | 66,713 | \$ | 41,529 | \$ | 37,524 | \$ | 35,793 |
| Total noninterest expense, excluding goodwill impairment charges | \$ | 70,708 | \$ | 66,713 | \$ | 41,529 | \$ | 37,524 | \$ | 35,793 |
| Reconciliation of income tax expense (benefit) to income tax expense (benefit) on a fully taxableequivalent basis <br> Income tax expense (benefit) <br> Fully taxable-equivalent adjustment | \$ | $\begin{array}{r} 915 \\ 1,170 \end{array}$ | \$ | $\begin{gathered} (1,916) \\ 1,301 \end{gathered}$ | \$ | $\begin{array}{r} 420 \\ 1,194 \end{array}$ | \$ | $\begin{aligned} & 5,942 \\ & 1,749 \end{aligned}$ | \$ | $\begin{array}{r} 10,840 \\ 1,224 \\ \hline \end{array}$ |
| Income tax expense (benefit) on a fully taxable-equivalent basis | \$ | 2,085 | \$ | (615) | \$ | 1,614 | \$ | 7,691 | \$ | 12,064 |
| Reconciliation of net income (loss) to net income, excluding goodwill impairment charges <br> Net income (loss) <br> Goodwill impairment charges | \$ | $\begin{aligned} & (2,238) \\ & 12,400 \end{aligned}$ | \$ | 6,276 | \$ | 4,008 | \$ | 14,982 | \$ | 21,133 |
| Net income, excluding goodwill impairment charges | \$ | 10,162 | \$ | 6,276 | \$ | 4,008 | \$ | 14,982 | \$ | 21,133 |
| Reconciliation of net income (loss) applicable to common shareholders to net income (loss) applicable to common shareholders, excluding goodwill impairment charges <br> Net income (loss) applicable to common shareholders <br> Goodwill impairment charges | \$ | $\begin{aligned} & (3,595) \\ & 12,400 \end{aligned}$ | \$ | $(2,204)$ | \$ | 2,556 | \$ | 14,800 | \$ | 21,111 |
| Net income (loss) applicable to common shareholders, excluding goodwill impairment charges | \$ | 8,805 | \$ | $(2,204)$ | \$ | 2,556 | \$ | 14,800 | \$ | 21,111 |
| Reconciliation of average common shareholders' equity to average tangible common shareholders' equity <br> Common shareholders' equity <br> Common Equivalent Securities <br> Goodwill <br> Intangible assets (excluding MSRs) <br> Related deferred tax liabilities | \$ | $\begin{array}{r} 212,681 \\ 2,900 \\ (82,596) \\ (10,985) \\ 3,306 \end{array}$ | \$ | $\begin{gathered} 182,288 \\ 1,213 \\ (86,034) \\ (12,220) \\ 3,831 \end{gathered}$ | \$ | $\begin{array}{r} 141,638 \\ (79,827) \\ (9,502) \\ 1,782 \end{array}$ | \$ | $\begin{array}{r} 133,555 \\ (69,333) \\ (9,566) \\ 1,845 \end{array}$ | \$ | $\begin{gathered} 129,773 \\ (66,040) \\ (10,324) \\ 1,809 \end{gathered}$ |
| Tangible common shareholders' equity | \$ | 125,306 | \$ | 89,078 | \$ | 54,091 | \$ | 56,501 | \$ | 55,218 |
| Reconciliation of average shareholders' equity to average tangible shareholders' equity <br> Shareholders' equity <br> Goodwill <br> Intangible assets (excluding MSRs) <br> Related deferred tax liabilities | \$ | $\begin{gathered} 233,231 \\ (82,596) \\ (10,985) \\ 3,306 \end{gathered}$ | \$ | $\begin{gathered} 244,645 \\ (86,034) \\ (12,220) \\ 3,831 \end{gathered}$ | \$ | $\begin{gathered} 164,831 \\ (79,827) \\ (9,502) \\ 1,782 \end{gathered}$ | \$ | $\begin{gathered} 136,662 \\ (69,333) \\ (9,566) \\ 1,845 \end{gathered}$ | \$ | $\begin{gathered} 130,463 \\ (66,040) \\ (10,324) \\ 1,809 \end{gathered}$ |
| Tangible shareholders' equity | \$ | 142,956 | \$ | 150,222 | \$ | 77,284 | \$ | 59,608 | \$ | 55,908 |
| Reconciliation of year end common shareholders' equity to year end tangible common shareholders' equity <br> Common shareholders' equity <br> Common Equivalent Securities <br> Goodwill <br> Intangible assets (excluding MSRs) <br> Related deferred tax liabilities | \$ | $\begin{gathered} 211,686 \\ (73,861) \\ (9,923) \\ 3,036 \end{gathered}$ | \$ | $\begin{gathered} 194,236 \\ 19,244 \\ (86,314) \\ (12,026) \\ 3,498 \end{gathered}$ | \$ | $\begin{array}{r} 139,351 \\ (81,934) \\ (8,535) \\ 1,854 \end{array}$ | \$ | $\begin{array}{r} 142,394 \\ (77,530) \\ (10,296) \\ 1,855 \end{array}$ | \$ | $\begin{array}{r} 132,421 \\ (65,662) \\ (9,422) \\ 1,799 \end{array}$ |
| Tangible common shareholders' equity | \$ | 130,938 | \$ | 118,638 | \$ | 50,736 | \$ | 56,423 | \$ | 59,136 |
| Reconciliation of year end shareholders' equity to year end tangible shareholders' equity <br> Shareholders' equity <br> Goodwill <br> Intangible assets (excluding MSRs) <br> Related deferred tax liabilities | \$ | $\begin{gathered} 228,248 \\ (73,861) \\ (9,923) \\ 3,036 \end{gathered}$ | \$ | $\begin{gathered} 231,444 \\ (86,314) \\ (12,026) \\ 3,498 \end{gathered}$ | \$ | $\begin{gathered} 177,052 \\ (81,934) \\ (8,535) \\ 1,854 \end{gathered}$ | \$ | $\begin{gathered} 146,803 \\ (77,530) \\ (10,296) \\ 1,855 \end{gathered}$ | \$ | $\begin{gathered} 135,272 \\ (65,662) \\ (9,422) \\ 1,799 \end{gathered}$ |
| Tangible shareholders' equity | \$ | 147,500 | \$ | 136,602 | \$ | 88,437 | \$ | 60,832 | \$ | 61,987 |
| Reconciliation of year end assets to year end tangible assets Assets Goodwill <br> Intangible assets (excluding MSRs) <br> Related deferred tax liabilities | \$ | $2,264,909$ $(73,861)$ $(9,923)$ 3,036 |  | $\begin{array}{r} 2,230,232 \\ (86,314) \\ (12,026) \\ 3,498 \end{array}$ |  | $\begin{array}{r} 1,817,943 \\ (81,934) \\ (8,535) \\ 1,854 \\ \hline \end{array}$ |  | $\begin{gathered} , 715,746 \\ (77,530) \\ (10,296) \\ 1,855 \end{gathered}$ |  | $\begin{gathered} 459,737 \\ (65,662) \\ (9,422) \\ 1,799 \end{gathered}$ |
| Tangible assets | \$ | 2,184,161 |  | 2,135,390 |  | 1,729,328 |  | ,629,775 |  | ,386,452 |
| Reconciliation of year end common shares outstanding to year end tangible common shares outstanding Common shares outstanding <br> Assumed conversion of common equivalent shares ${ }^{(2)}$ |  | 10,085,155 |  | $\begin{aligned} & 8,650,244 \\ & 1,286,000 \end{aligned}$ |  | 5,017,436 |  | ,437,885 |  | ,458,151 |
| Tangible common shares outstanding |  | 10,085,155 |  | 9,936,244 |  | 5,017,436 |  | ,437,885 |  | ,458,151 |

 calculate non-GAAP measures differently. For more information on non-GAAP measures and ratios we use in assessing the results of the Corporation, see Supplemental Financial Data beginning on page 40 .
${ }^{22}$ On February 24, 2010, the common equivalent shares converted into common shares.

Table XIV Quarterly Supplemental Financial Data ${ }^{(1)}$

|  | 2010 Quarters |  |  |  | 2009 Quarters |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions, except per share information) | Fourth | Third | Second | First | Fourth | Third | Second | First |
| Fully taxable-equivalent basis data |  |  |  |  |  |  |  |  |
| Net interest income | \$12,709 | \$12,717 | \$13,197 | \$14,070 | \$11,896 | \$11,753 | \$11,942 | \$12,819 |
| Total revenue, net of interest expense | 22,668 | 26,982 | 29,450 | 32,290 | 25,413 | 26,365 | 33,086 | 36,080 |
| Net interest yield ${ }^{(2)}$ | 2.69\% | 2.72\% | 2.77\% | 2.93\% | 2.62\% | 2.61\% | 2.64\% | 2.70\% |
| Efficiency ratio | 92.04 | 100.87 | 58.58 | 55.05 | 64.47 | 61.84 | 51.44 | 47.12 |

Performance ratios, excluding goodwill impairment charges ${ }^{(3)}$

| Per common share information |  |  |
| :--- | :---: | :---: |
| $\quad$ Earnings | 0.04 | $\$$ |
| $\quad$ Diluted earnings | 0.04 | 0.27 |
| Efficiency ratio | $\mathbf{8 3 . 2 2 \%}$ | $62.33 \%$ |
| Return on average assets | 0.13 | 0.52 |
| Four quarter trailing return on average assets ${ }^{(4)}$ | 0.43 | 0.39 |
| Return on average common shareholders' equity | 0.79 | 5.06 |
| Return on average tangible common shareholders' equity | 1.27 | 8.67 |
| Return on average tangible shareholders' equity | 1.96 | 8.54 |

${ }^{(1)}$ Supplemental financial data on a FTE basis and performance measures and ratios excluding the impact of goodwill impairment charges are non-GAAP measures. Other companies may define or calculate these measures differently. For additional information on these performance measures and ratios, see Supplemental Financial Data beginning on page 40 and for corresponding reconciliations to GAAP financial measures, see Table XV.
${ }^{(2)}$ Calculation includes fees earned on overnight deposits placed with the Federal Reserve of $\$ 63$ million, $\$ 107$ million, $\$ 106$ million and $\$ 92$ million for the fourth, third, second and first quarters of 2010 , and $\$ 130$ million, $\$ 107$ million, $\$ 92$ million and $\$ 50$ million for the fourth, third, second and first quarters of 2009, respectively.
${ }^{\text {(3) }}$ Performance ratios are calculated excluding the impact of the goodwill impairment charges of $\$ 10.4$ billion recorded during the third quarter of 2010 and $\$ 2.0$ billion recorded during the fourth quarter of 2010.
${ }^{(4)}$ Calculated as total net income for four consecutive quarters divided by average assets for the period.

Table XV Quarterly Reconciliations to GAAP Financial Measures ${ }^{(1)}$

| (Dollars in millions, except per share information) | 2010 Quarters |  |  |  |  |  |  | 2009 Quarters |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fourth | Third |  | Second |  | First |  | Fourth |  | Third | Second |  | First |
| Reconciliation of net interest income to net interest income on a fully taxableequivalent basis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | \$ | 12,439 \$ | \$ 12,435 | \$ | 12,900 |  | 13,749 | \$ | 11,559 | \$ | 11,423 \$ | 11,630 | \$ | 12,497 |
| Fully taxable-equivalent adjustment |  | 270 | 282 |  | 297 |  | 321 |  | 337 |  | 330 | 312 |  | 322 |
| Net interest income on a fully taxable-equivalent basis | \$ | 12,709 \$ | \$ 12,717 | \$ | 13,197 | \$ | 14,070 | \$ | 11,896 | \$ | 11,753 \$ | 11,942 | \$ | 12,819 |
| Reconciliation of total revenue, net of interest expense to total revenue, net of interest expense on a fully taxable-equivalent basis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total revenue, net of interest expense | \$ | 22,398 \$ | \$ 26,700 | \$ | 29,153 | \$ | 31,969 | \$ | 25,076 | \$ | 26,035 \$ | 32,774 | \$ | 35,758 |
| Fully taxable-equivalent adjustment |  | 270 | 282 |  | 297 |  | 321 |  | 337 |  | 330 | 312 |  | 322 |
| Total revenue, net of interest expense on a fully taxable-equivalent basis | \$ | 22,668 \$ | \$ 26,982 | \$ | 29,450 | \$ | 32,290 | \$ | 25,413 | \$ | 26,365 \$ | 33,086 | \$ | 36,080 |
| Reconciliation of total noninterest expense to total noninterest expense, excluding goodwill impairment charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total noninterest expense | \$ | 20,864 \$ | \$ 27,216 | \$ | 17,253 | \$ | 17,775 | \$ | 16,385 | \$ | 16,306 \$ | 17,020 | \$ | 17,002 |
| Goodwill impairment charges |  | $(2,000)$ | $(10,400)$ |  | - |  | - |  | - |  | - | - |  |  |
| Total noninterest expense, excluding goodwill impairment charges | \$ | 18,864 \$ | \$ 16,816 | \$ | 17,253 | \$ | 17,775 | \$ | 16,385 | \$ | 16,306 \$ | 17,020 | \$ | 17,002 |
| Reconciliation of income tax expense (benefit) to income tax expense (benefit) on a fully taxable-equivalent basis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income tax expense (benefit) | \$ | $(2,351)$ \$ | \$ 1,387 | \$ | 672 | \$ | 1,207 | \$ | $(1,225)$ |  | (975) \$ | (845) \$ |  | 1,129 |
| Fully taxable-equivalent adjustment |  | 270 | 282 |  | 297 |  | 321 |  | 337 |  | 330 | 312 |  | 322 |
| Income tax expense (benefit) on a fully taxable-equivalent basis | \$ | $(2,081)$ \$ | \$ 1,669 | \$ | 969 | \$ | 1,528 | \$ | (888) |  | (645) \$ | (533) \$ |  | 1,451 |


| Reconciliation of net income (loss) to net income (loss), excluding goodwill impairment charges |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income (loss) | \$ | $(1,244)$ \$ | $(7,299)$ \$ | 3,123 | \$ | 3,182 | \$ | (194) \$ | $(1,001)$ \$ | 3,224 | \$ | 4,247 |
| Goodwill impairment charges |  | 2,000 | 10,400 | - |  | - |  | - | - | - |  |  |
| Net income (loss), excluding goodwill impairment charges | \$ | 756 \$ | 3,101 \$ | 3,123 | \$ | 3,182 | \$ | (194) \$ | $(1,001)$ \$ | 3,224 |  | 4,247 |


| Reconciliation of net income (loss) applicable to common shareholders to net income (loss) applicable to common shareholders, excluding goodwill impairment charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income (loss) applicable to common shareholders |  | $(1,565)$ | \$ | $(7,647)$ | \$ | 2,783 | \$ | 2,834 | \$ | $(5,196)$ | \$ | $(2,241)$ |  | 2,419 | \$ | 2,814 |
| Goodwill impairment charges |  | 2,000 |  | 10,400 |  | - |  | - |  | - |  |  |  |  |  | - |
| Net income (loss) applicable to common shareholders, excluding goodwill impairment charges | \$ | 435 | \$ | 2,753 | \$ | 2,783 | \$ | 2,834 | \$ | $(5,196)$ | \$ | $(2,241)$ |  | 2,419 | \$ | 2,814 |
| Reconciliation of average common shareholders' equity to average tangible common shareholders' equity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Common shareholders' equity |  | 218,728 |  | 15,911 |  | 15,468 |  | 00,380 |  | 97,123 | \$19 | 97,230 | 1 | 73,497 |  | 60,739 |
| Common Equivalent Securities |  | - |  | - |  | - |  | 11,760 |  | 4,811 |  | - |  | - |  | - |
| Goodwill |  | $(75,584)$ |  | $(82,484)$ |  | 86,099) |  | 86,334) |  | $(86,053)$ |  | $(86,170)$ |  | 87,314) |  | (84,584 |
| Intangible assets (excluding MSRs) |  | $(10,211)$ |  | $(10,629)$ |  | 11,216) |  | 11,906) |  | $(12,556)$ |  | $(13,223)$ |  | 13,595) |  | $(9,461)$ |
| Related deferred tax liabilities |  | 3,121 |  | 3,214 |  | 3,395 |  | 3,497 |  | 3,712 |  | 3,725 |  | 3,916 |  | 3,977 |
| Tangible common shareholders' equity | \$136,054 \$126,012 \$121,548 \$117,397 |  |  |  |  |  |  |  | \$107,037 \$101,562 \$ 76,504 \$ 70,671 |  |  |  |  |  |  |  |

${ }^{(1)}$ Presents reconciliations of non-GAAP measures to GAAP financial measures. We believe the use of these non-GAAP measures provides additional clarity in assessing the results of the Corporation. Other companies may define or calculate non-GAAP measures differently. For more information on non-GAAP measures and ratios we use in assessing the results of the Corporation, see Supplemental Financial Data beginning on page 40 .
${ }^{2)}$ On February 24, 2010, the common equivalent shares converted into common shares.

Table XV Quarterly Reconciliations to GAAP Financial Measures ${ }^{(1)}$ (continued)

| (Dollars in millions, except per share information) | 2010 Quarters |  |  |  |  |  |  |  | 2009 Quarters |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fourth |  | Third |  | Second |  | First |  | Fourth |  | Third |  | Second |  | First |
| Reconciliation of average shareholders' equity to average tangible shareholders' equity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shareholders' equity | \$ | 235,525 | \$ | 233,978 | \$ | 233,461 | \$ | 229,891 | \$ | 250,599 | \$ | 255,983 | \$ | 242,867 | \$ | 228,766 |
| Goodwill |  | $(75,584)$ |  | $(82,484)$ |  | $(86,099)$ |  | $(86,334)$ |  | $(86,053)$ |  | $(86,170)$ |  | $(87,314)$ |  | $(84,584)$ |
| Intangible assets (excluding MSRs) |  | $(10,211)$ |  | $(10,629)$ |  | $(11,216)$ |  | $(11,906)$ |  | $(12,556)$ |  | $(13,223)$ |  | $(13,595)$ |  | $(9,461)$ |
| Related deferred tax liabilities |  | 3,121 |  | 3,214 |  | 3,395 |  | 3,497 |  | 3,712 |  | 3,725 |  | 3,916 |  | 3,977 |
| Tangible shareholders' equity | \$ | 152,851 | \$ | 144,079 | \$ | 139,541 | \$ | 135,148 | \$ | 155,702 | \$ | 160,315 | \$ | 145,874 |  | 138,698 |
| Reconciliation of period end common shareholders' equity to period end tangible common shareholders' equity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Common shareholders' equity | \$ | 211,686 | \$ | 212,391 | \$ | 215,181 | \$ | 211,859 | \$ | 194,236 | \$ | 198,843 | \$ | 196,492 | \$ | 166,272 |
| Common Equivalent Securities |  | - |  | - |  |  |  | - |  | 19,244 |  | - |  | - |  | - |
| Goodwill |  | $(73,861)$ |  | $(75,602)$ |  | $(85,801)$ |  | $(86,305)$ |  | $(86,314)$ |  | $(86,009)$ |  | $(86,246)$ |  | $(86,910)$ |
| Intangible assets (excluding MSRs) |  | $(9,923)$ |  | $(10,402)$ |  | $(10,796)$ |  | $(11,548)$ |  | $(12,026)$ |  | $(12,715)$ |  | $(13,245)$ |  | $(13,703)$ |
| Related deferred tax liabilities |  | 3,036 |  | 3,123 |  | 3,215 |  | 3,396 |  | 3,498 |  | 3,714 |  | 3,843 |  | 3,958 |
| Tangible common shareholders' equity | \$ | 130,938 | \$ | 129,510 | \$ | 121,799 | \$ | 117,402 | \$ | 118,638 | \$ | 103,833 | \$ | 100,844 | \$ | 69,617 |
| Reconciliation of period end shareholders' equity to period end tangible shareholders' equity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shareholders' equity | \$ | 228,248 | \$ | 230,495 | \$ | 233,174 | \$ | 229,823 | \$ | 231,444 | \$ | 257,683 | \$ | 255,152 |  | 239,549 |
| Goodwill |  | $(73,861)$ |  | $(75,602)$ |  | $(85,801)$ |  | $(86,305)$ |  | $(86,314)$ |  | $(86,009)$ |  | $(86,246)$ |  | $(86,910)$ |
| Intangible assets (excluding MSRs) |  | $(9,923)$ |  | $(10,402)$ |  | $(10,796)$ |  | $(11,548)$ |  | $(12,026)$ |  | $(12,715)$ |  | $(13,245)$ |  | $(13,703)$ |
| Related deferred tax liabilities |  | 3,036 |  | 3,123 |  | 3,215 |  | 3,396 |  | 3,498 |  | 3,714 |  | 3,843 |  | 3,958 |
| Tangible shareholders' equity | \$ | 147,500 | \$ | 147,614 | \$ | 139,792 | \$ | 135,366 | \$ | 136,602 | \$ | 162,673 | \$ | 159,504 | \$ | 142,894 |
| Reconciliation of period end assets to period end tangible assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets |  | ,264,909 | \$2, | ,339,660 | \$2, | ,368,384 | \$2 | 2,344,634 |  | 2,230,232 | \$2, | ,259,891 | \$2, | 2,260,853 |  | ,321,961 |
| Goodwill |  | $(73,861)$ |  | $(75,602)$ |  | $(85,801)$ |  | $(86,305)$ |  | $(86,314)$ |  | $(86,009)$ |  | $(86,246)$ |  | $(86,910)$ |
| Intangible assets (excluding MSRs) |  | $(9,923)$ |  | $(10,402)$ |  | $(10,796)$ |  | $(11,548)$ |  | $(12,026)$ |  | $(12,715)$ |  | $(13,245)$ |  | $(13,703)$ |
| Related deferred tax liabilities |  | 3,036 |  | 3,123 |  | 3,215 |  | 3,396 |  | 3,498 |  | 3,714 |  | 3,843 |  | 3,958 |
| Tangible assets | \$2,184,161 \$2,256,779 \$2,275,002 \$2,250,177 |  |  |  |  |  |  |  | \$2,135,390 \$2,164,881 \$2,165,205 \$2,225,306 |  |  |  |  |  |  |  |
| Reconciliation of ending common shares outstanding to ending tangible common shares outstanding |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Common shares outstanding | 10,085,155 |  | 10,033,705 |  | 10,033,017 |  | 10,032,001 |  |  | 8,650,244 | 8,650,314 |  | 8,651,459 |  | 6,400,950 |  |
| Assumed conversion of common equivalent shares ${ }^{(2)}$ | , - |  | - |  | - |  |  | - |  | 1,286,000 |  | - |  | - |  | - |
| Tangible common shares outstanding | 10,085,155 10,033,705 10,033,017 10,032,001 |  |  |  |  |  |  |  |  | 9,936,244 |  | 8,650,314 |  | 8,651,459 |  | 6,400,950 |

For footnotes see page 132.

Table XVI Quarterly Average Balances and Interest Rates - FTE Basis

|  | Fourth Quarter 2010 |  |  |  | Third Quarter 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  | Average <br> Balance | Interest Income/ Expense | Yield/ Rate |  | Average <br> Balance |  | Yield/ Rate |
| Earning assets |  |  |  |  |  |  |  |  |
| Time deposits placed and other short-term investments ${ }^{(1)}$ | \$ | 28,141 | \$ 75 | 1.07\% | \$ | 23,233 | \$ 86 | 1.45\% |
| Federal funds sold and securities borrowed or purchased under agreements to resell |  | 243,589 | 486 | 0.79 |  | 254,820 | 441 | 0.69 |
| Trading account assets |  | 216,003 | 1,710 | 3.15 |  | 210,529 | 1,692 | 3.20 |
| Debt securities ${ }^{(2)}$ |  | 341,867 | 3,065 | 3.58 |  | 328,097 | 2,646 | 3.22 |
| Loans and leases ${ }^{(3)}$ : |  |  |  |  |  |  |  |  |
| Residential mortgage ${ }^{(4)}$ |  | 254,051 | 2,857 | 4.50 |  | 237,292 | 2,797 | 4.71 |
| Home equity |  | 139,772 | 1,410 | 4.01 |  | 143,083 | 1,457 | 4.05 |
| Discontinued real estate |  | 13,297 | 118 | 3.57 |  | 13,632 | 122 | 3.56 |
| U.S. credit card |  | 112,673 | 3,040 | 10.70 |  | 115,251 | 3,113 | 10.72 |
| Non-U.S. credit card |  | 27,457 | 815 | 11.77 |  | 27,047 | 875 | 12.84 |
| Direct/Indirect consumer ${ }^{(5)}$ |  | 91,549 | 1,088 | 4.72 |  | 95,692 | 1,130 | 4.68 |
| Other consumer ${ }^{(6)}$ |  | 2,796 | 45 | 6.32 |  | 2,955 | 47 | 6.35 |
| Total consumer |  | 641,595 | 9,373 | 5.81 |  | 634,952 | 9,541 | 5.98 |
| U.S. commercial |  | 193,608 | 1,894 | 3.88 |  | 192,306 | 2,040 | 4.21 |
| Commercial real estate ${ }^{(7)}$ |  | 51,617 | 432 | 3.32 |  | 55,660 | 452 | 3.22 |
| Commercial lease financing |  | 21,363 | 250 | 4.69 |  | 21,402 | 255 | 4.78 |
| Non-U.S. commercial |  | 32,431 | 289 | 3.53 |  | 30,540 | 282 | 3.67 |
| Total commercial |  | 299,019 | 2,865 | 3.81 |  | 299,908 | 3,029 | 4.01 |
| Total loans and leases |  | 940,614 | 12,238 | 5.18 |  | 934,860 | 12,570 | 5.35 |
| Other earning assets |  | 113,325 | 923 | 3.23 |  | 112,280 | 949 | 3.36 |
| Total earning assets ${ }^{(8)}$ |  | 1,883,539 | 18,497 | 3.90 |  | 1,863,819 | 18,384 | 3.93 |
| Cash and cash equivalents ${ }^{(1)}$ |  | 136,967 | 63 |  |  | 155,784 | 107 |  |
| Other assets, less allowance for loan and lease losses |  | 349,752 |  |  |  | 359,794 |  |  |
| Total assets |  | 2,370,258 |  |  |  | ,379,397 |  |  |
| Interest-bearing liabilities |  |  |  |  |  |  |  |  |
| U.S. interest-bearing deposits: |  |  |  |  |  |  |  |  |
| Savings | \$ | 37,145 | \$ 35 | 0.36\% | \$ | 37,008 | \$ 36 | 0.39\% |
| NOW and money market deposit accounts |  | 464,531 | 333 | 0.28 |  | 442,906 | 359 | 0.32 |
| Consumer CDs and IRAs |  | 124,855 | 338 | 1.07 |  | 132,687 | 377 | 1.13 |
| Negotiable CDs, public funds and other time deposits |  | 16,334 | 47 | 1.16 |  | 17,326 | 57 | 1.30 |
| Total U.S. interest-bearing deposits |  | 642,865 | 753 | 0.46 |  | 629,927 | 829 | 0.52 |
| Non-U.S. interest-bearing deposits: |  |  |  |  |  |  |  |  |
| Banks located in non-U.S. countries |  | 16,827 | 38 | 0.91 |  | 17,431 | 38 | 0.86 |
| Governments and official institutions |  | 1,560 | 2 | 0.42 |  | 2,055 | 2 | 0.36 |
| Time, savings and other |  | 58,746 | 101 | 0.69 |  | 54,373 | 81 | 0.59 |
| Total non-U.S. interest-bearing deposits |  | 77,133 | 141 | 0.73 |  | 73,859 | 121 | 0.65 |
| Total interest-bearing deposits |  | 719,998 | 894 | 0.49 |  | 703,786 | 950 | 0.54 |
| Federal funds purchased, securities loaned or sold under agreements to repurchase and other short-term borrowings |  | 369,738 | 1,142 | 1.23 |  | 391,148 | 848 | 0.86 |
| Trading account liabilities |  | 81,313 | 561 | 2.74 |  | 95,265 | 635 | 2.65 |
| Long-term debt |  | 465,875 | 3,254 | 2.78 |  | 485,588 | 3,341 | 2.74 |
| Total interest-bearing liabilities ${ }^{(8)}$ |  | 1,636,924 | 5,851 | 1.42 |  | 1,675,787 | 5,774 | 1.37 |
| Noninterest-bearing sources: |  |  |  |  |  |  |  |  |
| Noninterest-bearing deposits |  | 287,740 |  |  |  | 270,060 |  |  |
| Other liabilities |  | 210,069 |  |  |  | 199,572 |  |  |
| Shareholders' equity |  | 235,525 |  |  |  | 233,978 |  |  |
| Total liabilities and shareholders' equity |  | 2,370,258 |  |  |  | ,379,397 |  |  |
| Net interest spread |  |  |  | 2.48\% |  |  |  | 2.56\% |
| Impact of noninterest-bearing sources |  |  |  | 0.18 |  |  |  | 0.13 |
| Net interest income/yield on earning assets ${ }^{(1)}$ |  |  | \$12,646 | 2.66\% |  |  | \$12,610 | 2.69\% |

 the Corporation's Consolidated Balance Sheet presentation of these deposits. Net interest income and net interest yield in the table are calculated excluding these fees.
${ }^{(2)}$ Yields on AFS debt securities are calculated based on fair value rather than the cost basis. The use of fair value does not have a material impact on net interest yield.
 accrete interest income over the remaining life of the loan.

${ }^{(5)}$ Includes non-U.S. consumer loans of $\$ 7.9$ billion, $\$ 7.7$ billion, $\$ 7.7$ billion and $\$ 8.1$ billion in the fourth, third, second and first quarters of 2010 , and $\$ 8.6$ billion in the fourth quarter of 2009 , respectively.

 $\$ 123$ million, $\$ 155$ million and $\$ 132$ million in the fourth, third, second and first quarters of 2010 , and $\$ 192$ million in the fourth quarter of 2009 , respectively.
 commercial real estate loans of $\$ 2.6$ billion, $\$ 2.5$ billion, $\$ 2.6$ billion and $\$ 3.0$ billion in the fourth, third, second and first quarters of 2010 , and $\$ 3.1$ billion in the fourth quarter of 2009 , respectively.


 Rate Risk Management for Nontrading Activities beginning on page 107.

Table XVI Quarterly Average Balances and Interest Rates - FTE Basis (continued)

|  | Second Quarter 2010 |  |  |  | First Quarter 2010 |  |  |  | Fourth Quarter 2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  | Average <br> Balance |  | Yield/ Rate |  | Average <br> Balance | Interest <br> Income/ <br> Expense | Yield/ Rate | Average <br> Balance |  | $\begin{gathered} \text { Yield/ } \\ \text { Rate } \end{gathered}$ |
| Earning assets |  |  |  |  |  |  |  |  |  |  |  |
| Time deposits placed and other short-term investments ${ }^{(1)}$ | \$ | 30,741 | \$ 70 | 0.93\% | \$ | 27,600 | \$ 61 | 0.89\% | \$ 28,566 | \$ 90 | 1.25\% |
| Federal funds sold and securities borrowed or purchased under |  |  |  |  |  |  |  |  |  |  |  |
| Trading account assets |  | 213,927 | 1,853 | 3.47 |  | 214,542 | 1,795 | 3.37 | 218,787 | 1,800 | 3.28 |
| Debt securities ${ }^{(2)}$ |  | 314,299 | 2,966 | 3.78 |  | 311,136 | 3,173 | 4.09 | 279,231 | 2,921 | 4.18 |
| Loans and leases ${ }^{(3)}$ : |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgage ${ }^{(4)}$ |  | 247,715 | 2,982 | 4.82 |  | 243,833 | 3,100 | 5.09 | 236,883 | 3,108 | 5.24 |
| Home equity |  | 148,219 | 1,537 | 4.15 |  | 152,536 | 1,586 | 4.20 | 150,704 | 1,613 | 4.26 |
| Discontinued real estate |  | 13,972 | 134 | 3.84 |  | 14,433 | 153 | 4.24 | 15,152 | 174 | 4.58 |
| U.S. credit card |  | 118,738 | 3,121 | 10.54 |  | 125,353 | 3,370 | 10.90 | 49,213 | 1,336 | 10.77 |
| Non-U.S. credit card |  | 27,706 | 854 | 12.37 |  | 29,872 | 906 | 12.30 | 21,680 | 605 | 11.08 |
| Direct/Indirect consumer ${ }^{(5)}$ |  | 98,549 | 1,233 | 5.02 |  | 100,920 | 1,302 | 5.23 | 98,938 | 1,361 | 5.46 |
| Other consumer ${ }^{(6)}$ |  | 2,958 | 46 | 6.32 |  | 3,002 | 48 | 6.35 | 3,177 | 50 | 6.33 |
| Total consumer |  | 657,857 | 9,907 | 6.03 |  | 669,949 | 10,465 | 6.30 | 575,747 | 8,247 | 5.70 |
| U.S. commercial |  | 195,144 | 2,005 | 4.12 |  | 202,662 | 1,970 | 3.94 | 207,050 | 2,090 | 4.01 |
| Commercial real estate ${ }^{(7)}$ |  | 64,218 | 541 | 3.38 |  | 68,526 | 575 | 3.40 | 71,352 | 595 | 3.31 |
| Commercial lease financing |  | 21,271 | 261 | 4.90 |  | 21,675 | 304 | 5.60 | 21,769 | 273 | 5.04 |
| Non-U.S. commercial |  | 28,564 | 256 | 3.59 |  | 28,803 | 264 | 3.72 | 29,995 | 287 | 3.78 |
| Total commercial |  | 309,197 | 3,063 | 3.97 |  | 321,666 | 3,113 | 3.92 | 330,166 | 3,245 | 3.90 |
| Total loans and leases |  | 967,054 | 12,970 | 5.38 |  | 991,615 | 13,578 | 5.53 | 905,913 | 11,492 | 5.05 |
| Other earning assets |  | 121,205 | 994 | 3.29 |  | 122,097 | 1,053 | 3.50 | 130,487 | 1,222 | 3.72 |
| Total earning assets ${ }^{(8)}$ |  | 1,910,790 | 19,310 | 4.05 |  | 1,933,060 | 20,108 | 4.19 | 1,807,898 | 17,852 | 3.93 |
| Cash and cash equivalents ${ }^{(1)}$ |  | 209,686 | 106 |  |  | 196,911 | 92 |  | 230,618 | 130 |  |
| Other assets, less allowance for loan and lease losses |  | 373,956 |  |  |  | 386,619 |  |  | 392,508 |  |  |
| Total assets |  | 2,494,432 |  |  |  | 2,516,590 |  |  | \$2,431,024 |  |  |
| Interest-bearing liabilities |  |  |  |  |  |  |  |  |  |  |  |
| U.S. interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |
| Savings | \$ | 37,290 | \$ 43 | 0.46\% | \$ | 35,126 | \$ 43 | 0.50\% | \$ 33,749 | \$ 54 | 0.63\% |
| NOW and money market deposit accounts |  | 442,262 | 372 | 0.34 |  | 416,110 | 341 | 0.33 | 392,212 | 388 | 0.39 |
| Consumer CDs and IRAs |  | 147,425 | 441 | 1.20 |  | 166,189 | 567 | 1.38 | 192,779 | 835 | 1.72 |
| Negotiable CDs, public funds and other time deposits |  | 17,355 | 59 | 1.36 |  | 19,763 | 63 | 1.31 | 31,758 | 82 | 1.04 |
| Total U.S. interest-bearing deposits |  | 644,332 | 915 | 0.57 |  | 637,188 | 1,014 | 0.65 | 650,498 | 1,359 | 0.83 |
| Non-U.S. interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |
| Banks located in non-U.S. countries |  | 19,751 | 36 | 0.72 |  | 18,424 | 32 | 0.71 | 16,132 | 30 | 0.75 |
| Governments and official institutions |  | 4,214 | 3 | 0.28 |  | 5,626 | 3 | 0.22 | 5,779 | 4 | 0.26 |
| Time, savings and other |  | 52,195 | 77 | 0.60 |  | 54,885 | 73 | 0.53 | 55,685 | 79 | 0.56 |
| Total non-U.S. interest-bearing deposits |  | 76,160 | 116 | 0.61 |  | 78,935 | 108 | 0.55 | 77,596 | 113 | 0.58 |
| Total interest-bearing deposits |  | 720,492 | 1,031 | 0.57 |  | 716,123 | 1,122 | 0.64 | 728,094 | 1,472 | 0.80 |
| Federal funds purchased, securities loaned or sold under agreements to repurchase and other short-term borrowings |  | 454,051 | 891 | 0.79 |  | 508,332 | 818 | 0.65 | 450,538 | 658 | 0.58 |
| Trading account liabilities |  | 100,021 | 715 | 2.87 |  | 90,134 | 660 | 2.97 | 83,118 | 591 | 2.82 |
| Long-term debt |  | 497,469 | 3,582 | 2.88 |  | 513,634 | 3,530 | 2.77 | 445,440 | 3,365 | 3.01 |
| Total interest-bearing liabilities ${ }^{(8)}$ |  | 1,772,033 | 6,219 | 1.41 |  | 1,828,223 | 6,130 | 1.35 | 1,707,190 | 6,086 | 1.42 |
| Noninterest-bearing sources: |  |  |  |  |  |  |  |  |  |  |  |
| Noninterest-bearing deposits |  | 271,123 |  |  |  | 264,892 |  |  | 267,066 |  |  |
| Other liabilities |  | 217,815 |  |  |  | 193,584 |  |  | 206,169 |  |  |
| Shareholders' equity |  | 233,461 |  |  |  | 229,891 |  |  | 250,599 |  |  |
| Total liabilities and shareholders' equity |  | 2,494,432 |  |  |  | 2,516,590 |  |  | \$2,431,024 |  |  |
| Net interest spread |  |  |  | 2.64\% |  |  |  | 2.84\% |  |  | 2.51\% |
| Impact of noninterest-bearing sources |  |  |  | 0.10 |  |  |  | 0.08 |  |  | 0.08 |
| Net interest income/yield on earning assets ${ }^{(1)}$ |  |  | \$13,091 | 2.74\% |  |  | \$13,978 | 2.92\% |  | \$11,766 | 2.59\% |

[^7]
## Glossary

Alt-A Mortgage - Alternative-A mortgage, a type of U.S. mortgage that, for various reasons, is considered riskier than A-paper, or "prime," and less risky than "subprime," the riskiest category. Alt-A interest rates, which are determined by credit risk, therefore tend to be between those of prime and subprime home loans. Typically, Alt-A mortgages are characterized by borrowers with less than full documentation, lower credit scores and higher LTVs.
Assets in Custody - Consist largely of custodial and non-discretionary trust assets excluding brokerage assets administered for clients. Trust assets encompass a broad range of asset types including real estate, private company ownership interest, personal property and investments.
Assets Under Management (AUM) - The total market value of assets under the investment advisory and discretion of GWIM which generate asset management fees based on a percentage of the assets' market values. AUM reflects assets that are generally managed for institutional, high net-worth and retail clients and are distributed through various investment products including mutual funds, other commingled vehicles and separate accounts.
Bridge Financing - A loan or security that is expected to be replaced by permanent financing (debt or equity securities, loan syndication or asset sales) prior to the maturity date of the loan. Bridge loans may include an unfunded commitment, as well as funded amounts, and are generally expected to be retired in one year or less.
Client Brokerage Assets - Include client assets which are held in brokerage accounts. This includes non-discretionary brokerage and fee-based assets which generate brokerage income and asset management fee revenue.
Client Deposits - Includes GWIM client deposit accounts representing both consumer and commercial demand, regular savings, time, money market, sweep and non-U.S. accounts.
Committed Credit Exposure - Includes any funded portion of a facility plus the unfunded portion of a facility on which the lender is legally bound to advance funds during a specified period under prescribed conditions.
Core Net Interest Income - Net interest income on a fully taxable-equivalent basis excluding the impact of market-based activities.
Credit Card Accountability Responsibility and Disclosure Act of 2009 (CARD Act) - Legislation signed into law on May 22, 2009 to provide changes to credit card industry practices including significantly restricting credit card issuers' ability to change interest rates and assess fees to reflect individual consumer risk, change the way payments are applied and requiring changes to consumer credit card disclosures. The majority of the provisions became effective in February 2010.
Credit Default Swap (CDS) - A derivative contract that provides protection against the deterioration of credit quality and allows one party to receive payment in the event of default by a third party under a borrowing arrangement.
Excess Servicing Income - For certain assets that have been securitized, interest income, fee revenue and recoveries in excess of interest paid to the investors, gross credit losses and other trust expenses related to the securitized receivables are all classified as excess servicing income, which is a component of card income. Excess servicing income also includes the changes in fair value of the Corporation's card-related retained interests.
Interest-only Strip - A residual interest in a securitization trust representing the right to receive future net cash flows from securitized assets after payments to third-party investors and net credit losses. These arise when assets are transferred to a SPE as part of an asset securitization transaction qualifying for sale treatment under GAAP.
Interest Rate Lock Commitment (IRLC) - Commitment with a loan applicant in which the loan terms, including interest rate and price, are guaranteed for a designated period of time subject to credit approval.
Letter of Credit - A document issued on behalf of a customer to a third party promising to pay the third party upon presentation of specified documents. A
letter of credit effectively substitutes the issuer's credit for that of the customer.
Loan-to-value (LTV) - A commonly used credit quality metric that is reported in terms of ending and average LTV. Ending LTV is calculated as the outstanding carrying value of the loan at the end of the period divided by the estimated value of the property securing the loan. Estimated property values are primarily determined by utilizing the Case-Schiller Home Index, a widely used index based on data from repeat sales of single family homes. Case-Schiller indices are updated quarterly and are reported on a three-month or onequarter lag. An additional metric related to LTV is combined loan-to-value (CLTV) which is similar to the LTV metric, yet combines the outstanding balance on the residential mortgage loan and the outstanding carrying value on the home equity loan or available line of credit, both of which are secured by the same property, divided by the estimated value of the property. A LTV of 100 percent reflects a loan that is currently secured by a property valued at an amount exactly equal to the carrying value or available line of the loan. Under certain circumstances, estimated values can also be determined by utilizing an automated valuation method (AVM) or Mortgage Risk Assessment Corporation (MRAC) index. An AVM is a tool that estimates the value of a property by reference to large volumes of market data including sales of comparable properties and price trends specific to the MSA in which the property being valued is located. The MRAC index is similar to the Case-Schiller Home Index in that it is an index that is based on data from repeat sales of single family homes and is reported on a lag.
Making Home Affordable Program (MHA) - A U.S. Treasury program to reduce the number of foreclosures and make it easier for homeowners to refinance loans. The program is comprised of the Home Affordable Modification Program (HAMP) which provides guidelines on loan modifications and is designed to help at-risk homeowners avoid foreclosure by reducing monthly mortgage payments and provides incentives to lenders to modify all eligible loans that fall under the program guidelines and the Home Affordable Refinance Program (HARP) which is available to homeowners who have a proven payment history on an existing mortgage owned by FNMA or FHLMC and is designed to help eligible homeowners refinance their mortgage loans to take advantage of current lower mortgage rates or to refinance ARMs into more stable fixed-rate mortgages. In addition, the Second Lien Program is a part of the MHA. For more information on this program, see the separate definition for the Second Lien Program.
Mortgage Servicing Right (MSR) - The right to service a mortgage loan when the underlying loan is sold or securitized. Servicing includes collections for principal, interest and escrow payments from borrowers and accounting for and remitting principal and interest payments to investors.
Net Interest Yield - Net interest income divided by average total interestearning assets.
Nonperforming Loans and Leases - Includes loans and leases that have been placed on nonaccrual status, including nonaccruing loans whose contractual terms have been restructured in a manner that grants a concession to a borrower experiencing financial difficulties (troubled debt restructurings or TDRs). Loans accounted for under the fair value option, purchased creditimpaired loans and loans held-for-sale are not reported as nonperforming loans and leases. Consumer credit card loans, business card loans, consumer loans not secured by real estate, and consumer loans secured by real estate where repayments are insured by the Federal Housing Administration are not placed on nonaccrual status and are, therefore, not reported as nonperforming loans and leases.
Purchased Credit-impaired (PCI) Loan - A loan purchased as an individual loan, in a portfolio of loans or in a business combination with evidence of deterioration in credit quality since origination for which it is probable, upon
acquisition, that the investor will be unable to collect all contractually required payments. These loans are written down to fair value at the acquisition date. Second Lien Program (2MP) - A MHA program announced on April 28, 2009 by the U.S. Treasury that focuses on creating a comprehensive affordability solution for homeowners. By focusing on shared efforts with lenders to reduce second mortgage payments, pay-for-success incentives for servicers, investors and borrowers, and a payment schedule for extinguishing second mortgages, the 2 MP is designed to help up to 1.5 million homeowners. The program is designed to ensure that first and second lien holders are treated fairly and consistently with priority of liens, and offers automatic modification of a second lien when a first lien is modified.
Subprime Loans - Although a standard industry definition for subprime loans (including subprime mortgage loans) does not exist, the Corporation defines subprime loans as specific product offerings for higher risk borrowers, including individuals with one or a combination of high credit risk factors, such as low FICO scores, high debt to income ratios and inferior payment history.
Super Senior CDO Exposure - Represents the most senior class of commercial paper or notes that are issued by CDO vehicles. These financial instruments benefit from the subordination of all other securities, including AAArated securities, issued by CDO vehicles.
Tier 1 Common Capital - Tier 1 capital including CES, less preferred stock, qualifying trust preferred securities, hybrid securities and qualifying noncontrolling interest in subsidiaries.

Troubled Asset Relief Program (TARP) - A program established under the Emergency Economic Stabilization Act of 2008 by the U.S. Treasury to, among other things, invest in financial institutions through capital infusions and purchase mortgages, MBS and certain other financial instruments from financial institutions, in an aggregate amount up to $\$ 700$ billion, for the purpose of stabilizing and providing liquidity to the U.S. financial markets.
Troubled Debt Restructurings (TDRs) - Loans whose contractual terms have been restructured in a manner that grants a concession to a borrower experiencing financial difficulties. Concessions could include a reduction in the interest rate on the loan, payment extensions, forgiveness of principal, forbearance or other actions intended to maximize collection. TDRs are generally reported as nonperforming loans and leases while on nonaccrual status. TDRs that are on accrual status are reported as performing TDRs through the end of the calendar year in which the restructuring occurred or the year in which they are returned to accrual status. In addition, if accruing TDRs bear less than a market rate of interest at the time of modification, they are reported as performing TDRs throughout their remaining lives.
Value-at-Risk (VaR) - A VaR model estimates a range of hypothetical scenarios to calculate a potential loss which is not expected to be exceeded with a specified confidence level. VaR is a key statistic used to measure and manage market risk.

| Acronyms |  |
| :---: | :---: |
| ABS | Asset-backed securities |
| AFS | Available-for-sale |
| ALM | Asset and liability management |
| ALMRC | Asset Liability Market Risk Committee |
| ARM | Adjustable-rate mortgage |
| ARS | Auction rate securities |
| BPS | Basis points |
| CDO | Collateralized debt obligation |
| CES | Common Equivalent Securities |
| CMBS | Commercial mortgage-backed securities |
| CMO | Collateralized mortgage obligation |
| CRA | Community Reinvestment Act |
| CRC | Credit Risk Committee |
| FASB | Financial Accounting Standards Board |
| FDIC | Federal Deposit Insurance Corporation |
| FFIEC | Federal Financial Institutions Examination Council |
| FHA | Federal Housing Administration |
| FHLMC | Freddie Mac |
| FICC | Fixed income, currencies and commodities |
| FICO | Fair Isaac Corporation (credit score) |
| FNMA | Fannie Mae |
| FSA | Financial Services Authority |
| FTE | Fully taxable-equivalent |
| GAAP | Generally accepted accounting principles in the United States of America |
| GNMA | Government National Mortgage Association |
| GRC | Global Markets Risk Committee |
| GSE | Government-sponsored enterprise |
| HAFA | Home Affordable Foreclosure Alternatives |
| IPO | Initial public offering |
| LHFS | Loans held-for-sale |
| LIBOR | London InterBank Offered Rate |
| MBS | Mortgage-backed securities |
| MD\&A | Management's Discussion and Analysis of Financial Condition and Results of Operations |
| MSA | Metropolitan statistical area |
| OCl | Other comprehensive income |
| OTC | Over-the-counter |
| OTI | Other-than-temporary impairment |
| PCI | Purchased credit-impaired |
| PPI | Payment protection insurance |
| QSPE | Qualifying special purpose entity |
| RMBS | Residential mortgage-backed securities |
| ROC | Risk Oversight Committee |
| ROTE | Return on average tangible shareholders' equity |
| SBLCs | Standby letters of credit |
| SEC | Securities and Exchange Commission |
| SPE | Special purpose entity |
| VA | Veterans Affairs |
| VIE | Variable interest entity |

## Report of Management on Internal Control Over Financial Reporting

## Bank of America Corporation and Subsidiaries

The management of Bank of America Corporation is responsible for establishing and maintaining adequate internal control over financial reporting.

The Corporation's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with accounting principles generally accepted in the United States of America. The Corporation'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 Corporation; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with accounting principles generally accepted in the United States of America, and that receipts and expenditures of the Corporation are being made only in accordance with authorizations of management and directors of the Corporation; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Corporation's assets that could have a material effect on the financial statements.

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

Management assessed the effectiveness of the Corporation's internal control over financial reporting as of December 31, 2010 based on the
framework set forth by the Committee of Sponsoring Organizations of the Treadway Commission in Internal Control - Integrated Framework. Based on that assessment, management concluded that, as of December 31, 2010, the Corporation's internal control over financial reporting is effective based on the criteria established in Internal Control - Integrated Framework.

The Corporation's internal control over financial reporting as of December 31, 2010 has been audited by PricewaterhouseCoopers, LLP, an independent registered public accounting firm, as stated in their accompanying report which expresses an unqualified opinion on the effectiveness of the Corporation's internal control over financial reporting as of December 31, 2010.


Brian T. Moynihan
Chief Executive Officer and President


Charles H. Noski
Chief Financial Officer and Executive Vice President

## Report of Independent Registered Public Accounting Firm

Bank of America Corporation and Subisdiaries

## To the Board of Directors and Shareholders of Bank of America Corporation:

In our opinion, the accompanying Consolidated Balance Sheet and the related Consolidated Statement of Income, Consolidated Statement of Changes in Shareholders' Equity and Consolidated Statement of Cash Flows present fairly, in all material respects, the financial position of Bank of America Corporation and its subsidiaries at December 31, 2010 and 2009, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2010 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Corporation maintained, in all material respects, effective internal control over financial reporting as of December 31, 2010, based on criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Corporation's management is responsible for these financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Report of Management on Internal Control Over Financial Reporting. Our responsibility is to express opinions on these financial statements and on the Corporation'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.

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.

## Pricewatichonselopers LLP

Charlotte, North Carolina
February 25, 2011

## Consolidated Statement of Income

| (Dollars in millions, except per share information) | Year Ended December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  | 2008 |  |
| Interest income |  |  |  |  |  |  |
| Loans and leases | \$ | 50,996 | \$ | 48,703 | \$ | 56,017 |
| Debt securities |  | 11,667 |  | 12,947 |  | 13,146 |
| Federal funds sold and securities borrowed or purchased under agreements to resell |  | 1,832 |  | 2,894 |  | 3,313 |
| Trading account assets |  | 6,841 |  | 7,944 |  | 9,057 |
| Other interest income |  | 4,161 |  | 5,428 |  | 4,151 |
| Total interest income |  | 75,497 |  | 77,916 |  | 85,684 |
| Interest expense |  |  |  |  |  |  |
| Deposits |  | 3,997 |  | 7,807 |  | 15,250 |
| Short-term borrowings |  | 3,699 |  | 5,512 |  | 12,362 |
| Trading account liabilities |  | 2,571 |  | 2,075 |  | 2,774 |
| Long-term debt |  | 13,707 |  | 15,413 |  | 9,938 |
| Total interest expense |  | 23,974 |  | 30,807 |  | 40,324 |
| Net interest income |  | 51,523 |  | 47,109 |  | 45,360 |
| Noninterest income |  |  |  |  |  |  |
| Card income |  | 8,108 |  | 8,353 |  | 13,314 |
| Service charges |  | 9,390 |  | 11,038 |  | 10,316 |
| Investment and brokerage services |  | 11,622 |  | 11,919 |  | 4,972 |
| Investment banking income |  | 5,520 |  | 5,551 |  | 2,263 |
| Equity investment income |  | 5,260 |  | 10,014 |  | 539 |
| Trading account profits (losses) |  | 10,054 |  | 12,235 |  | $(5,911)$ |
| Mortgage banking income |  | 2,734 |  | 8,791 |  | 4,087 |
| Insurance income |  | 2,066 |  | 2,760 |  | 1,833 |
| Gains on sales of debt securities |  | 2,526 |  | 4,723 |  | 1,124 |
| Other income (loss) |  | 2,384 |  | (14) |  | $(1,654)$ |
| Other-than-temporary impairment losses on available-for-sale debt securities: |  |  |  |  |  |  |
| Total other-than-temporary impairment losses |  | $(2,174)$ |  | $(3,508)$ |  | $(3,461)$ |
| Less: Portion of other-than-temporary impairment losses recognized in other comprehensive income |  | 1,207 |  | 672 |  | - |
| Net impairment losses recognized in earnings on available-for-sale debt securities |  | (967) |  | $(2,836)$ |  | $(3,461)$ |
| Total noninterest income |  | 58,697 |  | 72,534 |  | 27,422 |
| Total revenue, net of interest expense |  | 110,220 |  | 119,643 |  | 72,782 |
| Provision for credit losses |  | 28,435 |  | 48,570 |  | 26,825 |
| Noninterest expense |  |  |  |  |  |  |
| Personnel |  | 35,149 |  | 31,528 |  | 18,371 |
| Occupancy |  | 4,716 |  | 4,906 |  | 3,626 |
| Equipment |  | 2,452 |  | 2,455 |  | 1,655 |
| Marketing |  | 1,963 |  | 1,933 |  | 2,368 |
| Professional fees |  | 2,695 |  | 2,281 |  | 1,592 |
| Amortization of intangibles |  | 1,731 |  | 1,978 |  | 1,834 |
| Data processing |  | 2,544 |  | 2,500 |  | 2,546 |
| Telecommunications |  | 1,416 |  | 1,420 |  | 1,106 |
| Other general operating |  | 16,222 |  | 14,991 |  | 7,496 |
| Goodwill impairment |  | 12,400 |  | - |  | - |
| Merger and restructuring charges |  | 1,820 |  | 2,721 |  | 935 |
| Total noninterest expense |  | 83,108 |  | 66,713 |  | 41,529 |
| Income (loss) before income taxes |  | $(1,323)$ |  | 4,360 |  | 4,428 |
| Income tax expense (benefit) |  | 915 |  | $(1,916)$ |  | 420 |
| Net income (loss) | \$ | $(2,238)$ | \$ | 6,276 | \$ | 4,008 |
| Preferred stock dividends and accretion |  | 1,357 |  | 8,480 |  | 1,452 |
| Net income (loss) applicable to common shareholders | \$ | $(3,595)$ | \$ | $(2,204)$ | \$ | 2,556 |
| Per common share information |  |  |  |  |  |  |
| Earnings (loss) | \$ | (0.37) | \$ | (0.29) | \$ | 0.54 |
| Diluted earnings (loss) |  | (0.37) |  | (0.29) |  | 0.54 |
| Dividends paid |  | 0.04 |  | 0.04 |  | 2.24 |
| Average common shares issued and outstanding (in thousands) |  | 9,790,472 |  | 7,728,570 |  | 592,085 |
| Average diluted common shares issued and outstanding (in thousands) |  | 9,790,472 |  | 7,728,570 |  | 596,428 |

See accompanying Notes to Consolidated Financial Statements.

## Consolidated Balance Sheet

|  |  |  |
| :--- | ---: | ---: |
|  |  |  |

Assets of consolidated VIEs included in total assets above (substantially all pledged as collateral)

| Trading account assets | $\mathbf{\$}$ |
| :--- | ---: |
| Derivative assets | 19,627 |
| Available-for-sale debt securities | 2,027 |
| Loans and leases | $\mathbf{2 , 6 0 1}$ |
| Allowance for loan and lease losses | 145,469 |
| Loans and leases, net of allowance | $(8,935)$ |
| Loans held-for-sale | 136,534 |
| All other assets | 1,953 |
| Total assets of consolidated VIEs | 7,086 |

## Consolidated Balance Sheet (continued)

| (Dollars in millions) | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2010 |  | 2009 |
| Liabilities |  |  |  |  |
| Deposits in U.S. offices: |  |  |  |  |
| Noninterest-bearing |  | 285,200 |  | 269,615 |
| Interest-bearing (includes \$2,732 and \$1,663 measured at fair value) |  | 645,713 |  | 640,789 |
| Deposits in non-U.S. offices: |  |  |  |  |
| Noninterest-bearing |  | 6,101 |  | 5,489 |
| Interest-bearing |  | 73,416 |  | 75,718 |
| Total deposits |  | 1,010,430 |  | 991,611 |
| Federal funds purchased and securities loaned or sold under agreements to repurchase (includes $\$ 37,424$ and $\$ 37,325$ measured at fair value) | Federal funds purchased and securities loaned or sold under agreements to repurchase (includes $\$ 37,424$ and $\$ 37,325$ measured |  |  | 255,185 |
| Trading account liabilities |  | 71,985 |  | 65,432 |
| Derivative liabilities |  | 55,914 |  | 50,661 |
| Commercial paper and other short-term borrowings (includes \$7,178 and \$1,520 measured at fair value) |  | 59,962 |  | 69,524 |
| Accrued expenses and other liabilities (includes $\$ 33,229$ and $\$ 18,308$ measured at fair value and $\$ 1,188$ and $\$ 1,487$ of reserve for |  |  |  |  |
| Long-term debt (includes \$50,984 and \$45,451 measured at fair value) |  | 448,431 |  | 438,521 |
| Total liabilities |  | 2,036,661 |  | 1,998,788 |
| Commitments and contingencies (Note 8 - Securitizations and Other Variable Interest Entities, Note 9 - Representations and Warranties Obligations and Corporate Guarantees and Note 14 - Commitments and Contingencies) |  |  |  |  |
| Shareholders' equity |  |  |  |  |
| Preferred stock, \$0.01 par value; authorized - 100,000,000 shares; issued and outstanding - 3,943,660 and 5,246,660 shares |  | 16,562 |  | 37,208 |
| Common stock and additional paid-in capital, \$0.01 par value; authorized - 12,800,000,000 and 10,000,000,000 shares; issued and outstanding - 10,085,154,806 and 8,650,243,926 shares |  | 150,905 |  | 128,734 |
| Retained earnings |  | 60,849 |  | 71,233 |
| Accumulated other comprehensive income (loss) |  | (66) |  | $(5,619)$ |
| Other |  | (2) |  | (112) |
| Total shareholders' equity |  | 228,248 |  | 231,444 |
| Total liabilities and shareholders' equity |  | 2,264,909 |  | 2,230,232 |
| Liabilities of consolidated VIEs included in total liabilities above |  |  |  |  |
| Commercial paper and other short-term borrowings (includes \$706 of non-recourse liabilities) | \$ | 6,742 |  |  |
| Long-term debt (includes \$66,309 of non-recourse debt) |  | 71,013 |  |  |
| All other liabilities (includes \$382 of non-recourse liabilities) |  | 9,141 |  |  |
| Total liabilities of consolidated VIEs |  | 86,896 |  |  |

## Consolidated Statement of Changes in Shareholders' Equity

| (Dollars in millions, shares in thousands) | $\begin{array}{r} \text { Preferred } \\ \text { Stock } \\ \hline \end{array}$ | Common Stock and Additional Paid-in Capital |  |  | Retained Earnings | $\begin{array}{r} \text { Accumulated } \\ \text { Other } \\ \text { Comprehensive } \\ \text { Income (Loss) } \\ \hline \end{array}$ | Other | Total <br> Shareholders' <br> Equity | Comprehensive Income (Loss) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Shares |  | Amount |  |  |  |  |  |
| Balance, December 31, 2007 | \$ 4,409 | 4,437,885 | \$ | 60,328 | \$ 81,393 | \$ 1,129 | \$(456) | \$146,803 |  |
| Net income |  |  |  |  | 4,008 |  |  | 4,008 | \$ 4,008 |
| Net change in available-for-sale debt and marketable equity securities |  |  |  |  |  | $(8,557)$ |  | $(8,557)$ | $(8,557)$ |
| Net change in derivatives |  |  |  |  |  | 944 |  | 944 | 944 |
| Employee benefit plan adjustments |  |  |  |  |  | $(3,341)$ |  | $(3,341)$ | $(3,341)$ |
| Net change in foreign currency translation adjustments |  |  |  |  |  | $(1,000)$ |  | $(1,000)$ | $(1,000)$ |
| Dividends paid: |  |  |  |  |  |  |  |  |  |
| Common |  |  |  |  | $(10,256)$ |  |  | $(10,256)$ |  |
| Preferred |  |  |  |  | $(1,272)$ |  |  | $(1,272)$ |  |
| Issuance of preferred stock and stock warrants | 33,242 |  |  | 1,500 |  |  |  | 34,742 |  |
| Stock issued in acquisition |  | 106,776 |  | 4,201 |  |  |  | 4,201 |  |
| Issuance of common stock |  | 455,000 |  | 9,883 |  |  |  | 9,883 |  |
| Common stock issued under employee plans and related tax effects |  | 17,775 |  | 854 |  |  | 43 | 897 |  |
| Other | 50 |  |  |  | (50) |  |  | - |  |
| Balance, December 31, 2008 | 37,701 | 5,017,436 |  | 76,766 | 73,823 | $(10,825)$ | (413) | 177,052 | $(7,946)$ |
| Cumulative adjustment for accounting change - Other-than-temporary impairments on debt securities |  |  |  |  | 71 | (71) |  | - | (71) |
| Net income |  |  |  |  | 6,276 |  |  | 6,276 | 6,276 |
| Net change in available-for-sale debt and marketable equity securities |  |  |  |  |  | 3,593 |  | 3,593 | 3,593 |
| Net change in derivatives |  |  |  |  |  | 923 |  | 923 | 923 |
| Employee benefit plan adjustments |  |  |  |  |  | 550 |  | 550 | 550 |
| Net change in foreign currency translation adjustments |  |  |  |  |  | 211 |  | 211 | 211 |
| Dividends paid: |  |  |  |  |  |  |  |  |  |
| Common |  |  |  |  | (326) |  |  | (326) |  |
| Preferred |  |  |  |  | $(4,537)$ |  |  | $(4,537)$ |  |
| Issuance of preferred stock and stock warrants | 26,800 |  |  | 3,200 |  |  |  | 30,000 |  |
| Repayment of preferred stock | $(41,014)$ |  |  |  | $(3,986)$ |  |  | $(45,000)$ |  |
| Issuance of Common Equivalent Securities | 19,244 |  |  |  |  |  |  | 19,244 |  |
| Stock issued in acquisition | 8,605 | 1,375,476 |  | 20,504 |  |  |  | 29,109 |  |
| Issuance of common stock |  | 1,250,000 |  | 13,468 |  |  |  | 13,468 |  |
| Exchange of preferred stock | $(14,797)$ | 999,935 |  | 14,221 | 576 |  |  | - |  |
| Common stock issued under employee plans and related tax effects |  | 7,397 |  | 575 |  |  | 308 | 883 |  |
| Other | 669 |  |  |  | (664) |  | (7) | (2) |  |
| Balance, December 31, 2009 | 37,208 | 8,650,244 |  | 128,734 | 71,233 | $(5,619)$ | (112) | 231,444 | 11,482 |
| Cumulative adjustments for accounting changes: |  |  |  |  |  |  |  |  |  |
| Consolidation of certain variable interest entities |  |  |  |  | $(6,154)$ | (116) |  | $(6,270)$ | (116) |
| Credit-related notes |  |  |  |  | (229) | 229 |  | - | 229 |
| Net loss |  |  |  |  | $(2,238)$ |  |  | $(2,238)$ | $(2,238)$ |
| Net change in available-for-sale debt and marketable equity securities |  |  |  |  |  | 5,759 |  | 5,759 | 5,759 |
| Net change in derivatives |  |  |  |  |  | (701) |  | (701) | (701) |
| Employee benefit plan adjustments |  |  |  |  |  | 145 |  | 145 | 145 |
| Net change in foreign currency translation adjustments |  |  |  |  |  | 237 |  | 237 | 237 |
| Dividends paid: |  |  |  |  |  |  |  |  |  |
| Common |  |  |  |  | (405) |  |  | (405) |  |
| Preferred |  |  |  |  | $(1,357)$ |  |  | $(1,357)$ |  |
| Common stock issued under employee plans and related tax effects |  | 98,557 |  | 1,385 |  |  | 103 | 1,488 |  |
| Mandatory convertible preferred stock conversion | $(1,542)$ | 50,354 |  | 1,542 |  |  |  | - |  |
| Common Equivalent Securities conversion | $(19,244)$ | 1,286,000 |  | 19,244 |  |  |  | - |  |
| Other | 140 |  |  |  | (1) |  | 7 | 146 |  |
| Balance, December 31, 2010 | \$ 16,562 | 10,085,155 |  | 150,905 | \$ 60,849 | \$ (66) | \$ (2) | \$228,248 | \$ 3,315 |

## Consolidated Statement of Cash Flows

| (Dollars in millions) | Year Ended December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  | 2008 |  |
| Operating activities |  |  |  |  |  |  |
| Net income (loss) | \$ | $(2,238)$ | \$ | 6,276 | \$ | 4,008 |
| Reconciliation of net income (loss) to net cash provided by operating activities: |  |  |  |  |  |  |
| Provision for credit losses |  | 28,435 |  | 48,570 |  | 26,825 |
| Goodwill impairment charges |  | 12,400 |  | - |  | - |
| Gains on sales of debt securities |  | $(2,526)$ |  | $(4,723)$ |  | $(1,124)$ |
| Depreciation and premises improvements amortization |  | 2,181 |  | 2,336 |  | 1,485 |
| Amortization of intangibles |  | 1,731 |  | 1,978 |  | 1,834 |
| Deferred income tax expense (benefit) |  | 608 |  | 370 |  | $(5,801)$ |
| Net (increase) decrease in trading and derivative instruments |  | 20,775 |  | 59,822 |  | $(16,973)$ |
| Net (increase) decrease in other assets |  | 5,213 |  | 28,553 |  | $(6,391)$ |
| Net increase (decrease) in accrued expenses and other liabilities |  | 14,069 |  | $(16,601)$ |  | $(8,885)$ |
| Other operating activities, net |  | 1,946 |  | 3,150 |  | 9,056 |
| Net cash provided by operating activities |  | 82,594 |  | 129,731 |  | 4,034 |
| Investing activities |  |  |  |  |  |  |
| Net (increase) decrease in time deposits placed and other short-term investments |  | $(2,154)$ |  | 19,081 |  | 2,203 |
| Net (increase) decrease in federal funds sold and securities borrowed or purchased under agreements to resell |  | $(19,683)$ |  | 31,369 |  | 53,723 |
| Proceeds from sales of available-for-sale debt securities |  | 100,047 |  | 164,155 |  | 120,972 |
| Proceeds from paydowns and maturities of available-for-sale debt securities |  | 70,868 |  | 59,949 |  | 26,068 |
| Purchases of available-for-sale debt securities |  | $(199,159)$ |  | $(185,145)$ |  | $(184,232)$ |
| Proceeds from maturities of held-to-maturity debt securities |  | 11 |  | 2,771 |  | 741 |
| Purchases of held-to-maturity debt securities |  | (100) |  | $(3,914)$ |  | (840) |
| Proceeds from sales of loans and leases |  | 8,046 |  | 7,592 |  | 52,455 |
| Other changes in loans and leases, net |  | $(2,550)$ |  | 21,257 |  | $(69,574)$ |
| Net purchases of premises and equipment |  | (987) |  | $(2,240)$ |  | $(2,098)$ |
| Proceeds from sales of foreclosed properties |  | 3,107 |  | 1,997 |  | 1,187 |
| Cash received upon acquisition, net |  | - |  | 31,804 |  | 6,650 |
| Cash received due to impact of adoption of new consolidation guidance |  | 2,807 |  | - |  | - |
| Other investing activities, net |  | 9,400 |  | 9,249 |  | $(10,185)$ |
| Net cash provided by (used in) investing activities |  | $(30,347)$ |  | 157,925 |  | $(2,930)$ |
| Financing activities |  |  |  |  |  |  |
| Net increase in deposits |  | 36,598 |  | 10,507 |  | 14,830 |
| Net decrease in federal funds purchased and securities loaned or sold under agreements to repurchase |  | $(9,826)$ |  | $(62,993)$ |  | $(34,529)$ |
| Net decrease in commercial paper and other short-term borrowings |  | $(31,698)$ |  | $(126,426)$ |  | $(33,033)$ |
| Proceeds from issuance of long-term debt |  | 52,215 |  | 67,744 |  | 43,782 |
| Retirement of long-term debt |  | $(110,919)$ |  | $(101,207)$ |  | $(35,072)$ |
| Proceeds from issuance of preferred stock |  | - |  | 49,244 |  | 34,742 |
| Repayment of preferred stock |  | - |  | $(45,000)$ |  | - |
| Proceeds from issuance of common stock |  | - |  | 13,468 |  | 10,127 |
| Cash dividends paid |  | $(1,762)$ |  | $(4,863)$ |  | $(11,528)$ |
| Excess tax benefits on share-based payments |  | - |  | - |  | 42 |
| Other financing activities, net |  | 5 |  | (42) |  | (56) |
| Net cash used in financing activities |  | $(65,387)$ |  | $(199,568)$ |  | $(10,695)$ |
| Effect of exchange rate changes on cash and cash equivalents |  | 228 |  | 394 |  | (83) |
| Net increase (decrease) in cash and cash equivalents |  | $(12,912)$ |  | 88,482 |  | $(9,674)$ |
| Cash and cash equivalents at January 1 |  | 121,339 |  | 32,857 |  | 42,531 |
| Cash and cash equivalents at December 31 |  | 108,427 |  | 121,339 | \$ | 32,857 |
| Supplemental cash flow disclosures |  |  |  |  |  |  |
| Interest paid | \$ | 21,166 |  | 37,602 | \$ | 36,387 |
| Income taxes paid |  | 1,465 |  | 2,964 |  | 4,816 |
| Income taxes refunded |  | $(7,783)$ |  | (31) |  | (116) |

During 2010, the Corporation sold First Republic Bank in a non-cash transaction that reduced assets and liabilities by $\$ 19.5$ billion and $\$ 18.1$ billion.
The Corporation securitized $\$ 2.4$ billion, $\$ 14.0$ billion and $\$ 26.1$ billion of residential mortgage loans into mortgage-backed securities which were retained by the Corporation during 2010 , 2009 and 2008, respectively.
During 2009, the Corporation exchanged $\$ 14.8$ billion of preferred stock by issuing approximately 1.0 billion shares of common stock valued at $\$ 11.5$ billion.
During 2009, the Corporation exchanged credit card loans of $\$ 8.5$ billion and the related allowance for loan and lease losses of $\$ 750$ million for a $\$ 7.8$ billion held-to-maturity debt security that was issued by the Corporation's U.S. credit card securitization trust and retained by the Corporation.
The acquisition-date fair values of non-cash assets acquired and liabilities assumed in the Merrill Lynch \& Co., Inc. (Merrill Lynch) acquisition were $\$ 619.1$ billion and $\$ 626.8$ billion.
Approximately 1.4 billion shares of common stock valued at approximately $\$ 20.5$ billion and 376 thousand shares of preferred stock valued at approximately $\$ 8.6$ billion were issued in connection with the Merrill Lynch acquisition.
The acquisition-date fair values of non-cash assets acquired and liabilities assumed in the Countrywide Financial Corporation (Countrywide) acquisition were $\$ 157.4$ billion and $\$ 157.8$ billion.
Approximately 107 million shares of common stock, valued at approximately $\$ 4.2$ billion were issued in connection with the Countrywide acquisition.

See accompanying Notes to Consolidated Financial Statements.

# Bank of America Corporation and Subsidiaries 

## Notes to Consolidated Financial Statements

## NOTE 1 Summary of Significant Accounting Principles

Bank of America Corporation (collectively with its subsidiaries, the Corporation), a financial holding company, provides a diverse range of financial services and products throughout the U.S. and in certain international markets. The term "the Corporation" as used herein may refer to the Corporation individually, the Corporation and its subsidiaries, or certain of the Corporation's subsidiaries or affiliates.

The Corporation conducts its activities through banking and nonbanking subsidiaries. On January 1, 2009, the Corporation acquired Merrill Lynch \& Co., Inc. (Merrill Lynch) in exchange for common and preferred stock with a value of $\$ 29.1$ billion. The Corporation operates its banking activities primarily under two charters: Bank of America, National Association (Bank of America, N.A.) and FIA Card Services, N.A. In connection with certain acquisitions including Merrill Lynch, the Corporation acquired banking subsidiaries that have been merged into Bank of America, N.A. with no impact on the Consolidated Financial Statements of the Corporation.

## Principles of Consolidation and Basis of Presentation

The Consolidated Financial Statements include the accounts of the Corporation and its majority-owned subsidiaries, and those variable interest entities (VIEs) where the Corporation is the primary beneficiary. Intercompany accounts and transactions have been eliminated. Results of operations of acquired companies are included from the dates of acquisition and for VIEs, from the dates that the Corporation became the primary beneficiary. Assets held in an agency or fiduciary capacity are not included in the Consolidated Financial Statements. The Corporation accounts for investments in companies for which it owns a voting interest of 20 percent to 50 percent and for which it has the ability to exercise significant influence over operating and financing decisions using the equity method of accounting or at fair value under the fair value option. These investments are included in other assets. Equity method investments are subject to impairment testing and the Corporation's proportionate share of income or loss is included in equity investment income.

The preparation of the Consolidated Financial Statements in conformity with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect reported amounts and disclosures. Realized results could differ from those estimates and assumptions.

The Corporation evaluates subsequent events through the date of filing with the Securities and Exchange Commission (SEC). Certain prior period amounts have been reclassified to conform to current period presentation.

## New Accounting Pronouncements

In March 2010, the Financial Accounting Standards Board (FASB) issued new accounting guidance on embedded credit derivatives. This new accounting guidance clarifies the scope exception for embedded credit derivatives and defines which embedded credit derivatives are required to be evaluated for bifurcation and separate accounting. In addition, the guidance extends the current disclosure requirements for credit derivatives to all securities with potential embedded derivative features regardless of the accounting treatment. This new accounting guidance was effective on July 1, 2010. Upon adoption, companies may elect the fair value option for any beneficial interests, including those that would otherwise require bifurcation under the new
guidance. In connection with the adoption of the guidance on July 1, 2010, the Corporation elected the fair value option for $\$ 629$ million of AFS debt securities, principally collateralized debt obligations (CDOs), that otherwise may be subject to bifurcation under the new guidance. In connection with this election, the Corporation recorded a $\$ 229$ million charge to retained earnings on July 1, 2010 as an after-tax adjustment to reclassify the net unrealized loss on these AFS debt securities from accumulated other comprehensive income $(\mathrm{OCl})$ to retained earnings and they were reclassified to trading account assets. The Corporation did not bifurcate any securities as a result of adopting the new accounting guidance. The additional disclosures required by this new guidance are included in Note 4 - Derivatives.

On January 1, 2010, the Corporation adopted new FASB accounting guidance on transfers of financial assets and consolidation of VIEs. This new accounting guidance revised sale accounting criteria for transfers of financial assets, eliminated the concept of and accounting for qualifying special purpose entities (QSPEs) and significantly changed the criteria for consolidation of a VIE. The adoption of this new accounting guidance resulted in the consolidation of certain VIEs that previously were QSPEs and VIEs that were not recorded on the Corporation's Consolidated Balance Sheet prior to January 1, 2010. The adoption of this new accounting guidance resulted in a net incremental increase in assets of $\$ 100.4$ billion and a net increase in liabilities of $\$ 106.7$ billion. These amounts are net of retained interests in securitizations held on the Consolidated Balance Sheet at December 31, 2009 and net of a $\$ 10.8$ billion increase in the allowance for loan and lease losses. The Corporation recorded a $\$ 6.2$ billion charge, net-of-tax, to retained earnings on January 1, 2010 for the cumulative effect of the adoption of this new accounting guidance, which resulted principally from an increase in the allowance for loan and lease losses related to the newly consolidated loans, and a $\$ 116$ million charge to accumulated OCI . Initial recording of these assets, related allowance and liabilities on the Corporation's Consolidated Balance Sheet had no impact at the date of adoption on the consolidated results of operations.

On January 1, 2010, the Corporation adopted, on a prospective basis, new FASB accounting guidance stating that troubled debt restructuring (TDR) accounting cannot be applied to individual loans within purchased creditimpaired (PCI) loan pools. The adoption of this guidance did not have a material impact on the Corporation's consolidated financial condition or results of operations.

## Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, cash items in the process of collection, and amounts due from correspondent banks and the Federal Reserve Bank.

## Securities Financing Agreements

Securities borrowed or purchased under agreements to resell and securities loaned or sold under agreements to repurchase (securities financing agreements) are treated as collateralized financing transactions. These agreements are recorded at the amounts at which the securities were acquired or sold plus accrued interest, except for certain securities financing agreements that the Corporation accounts for under the fair value option. Changes in the fair value of securities financing agreements that are accounted for under the fair value option are recorded in other income (loss). For more
information on securities financing agreements that the Corporation accounts for under the fair value option, see Note 23 - Fair Value Option.

The Corporation's policy is to obtain possession of collateral with a market value equal to or in excess of the principal amount loaned under resale agreements. To ensure that the market value of the underlying collateral remains sufficient, collateral is generally valued daily and the Corporation may require counterparties to deposit additional collateral or may return collateral pledged when appropriate. Securities financing agreements give rise to negligible credit risk as a result of these collateral provisions, and accordingly, no allowance for loan losses is considered necessary.

Substantially all repurchase and resale activities are transacted under master repurchase agreements which give the Corporation, in the event of default by the counterparty, the right to liquidate securities held and to offset receivables and payables with the same counterparty. The Corporation offsets repurchase and resale transactions with the same counterparty on the Consolidated Balance Sheet where it has such a master agreement and the transactions have the same maturity date.

In transactions where the Corporation acts as the lender in a securities lending agreement and receives securities that can be pledged or sold as collateral, it recognizes an asset on the Consolidated Balance Sheet at fair value, representing the securities received, and a liability for the same amount, representing the obligation to return those securities.

At the end of certain quarterly periods during the three years ended December 31, 2009, the Corporation had recorded certain sales of agency mortgage-backed securities (MBS) which, based on an ongoing internal review and interpretation, should have been recorded as secured borrowings. These periods and amounts were as follows: March 31, 2009 - $\$ 573$ million; September 30, 2008-\$10.7 billion; December 31, 2007 - $\$ 2.1$ billion; and March 31, 2007 - $\$ 4.5$ billion. As the transferred securities were recorded at fair value in trading account assets, the change would have had no impact on consolidated results of operations. Had the sales been recorded as secured borrowings, trading account assets and federal funds purchased and securities loaned or sold under agreements to repurchase would have increased by the amount of the transactions, however, the increase in all cases was less than 0.7 percent of total assets or total liabilities. Accordingly, the Corporation believes that these transactions did not have a material impact on the Corporation's Consolidated Financial Statements.

In repurchase transactions, typically, the termination date for a repurchase agreement is before the maturity date of the underlying security. However, in certain situations, the Corporation may enter into repurchase agreements where the termination date of the repurchase transaction is the same as the maturity date of the underlying security and these transactions are referred to as "repo-to-maturity" (RTM) transactions. The Corporation enters into RTM transactions only for high quality, very liquid securities such as U.S. Department of the Treasury (U.S. Treasury) securities or securities issued by government-sponsored enterprises (GSE). The Corporation accounts for RTM transactions as sales in accordance with applicable accounting guidance, and accordingly, removes the securities from the Consolidated Balance Sheet and recognizes a gain or loss in the Consolidated Statement of Income. At December 31, 2010, the Corporation had no outstanding RTM transactions compared to $\$ 6.5$ billion at December 31, 2009, that had been accounted for as sales.

## Collateral

The Corporation accepts collateral that it is permitted by contract or custom to sell or repledge and such collateral is recorded on the Consolidated Balance Sheet. At December 31, 2010 and 2009, the fair value of this collateral was $\$ 401.7$ billion and $\$ 418.2$ billion of which $\$ 257.6$ billion and $\$ 310.2$ billion were sold or repledged. The primary sources of this collateral are repurchase agreements and securities borrowed. The Corporation also pledges securities
and loans as collateral in transactions that include repurchase agreements, securities loaned, public and trust deposits, U.S. Treasury tax and loan notes, and other short-term borrowings. This collateral can be sold or repledged by the counterparties to the transactions.

In addition, the Corporation obtains collateral in connection with its derivative contracts. Required collateral levels vary depending on the credit risk rating and the type of counterparty. Generally, the Corporation accepts collateral in the form of cash, U.S. Treasury securities and other marketable securities. Based on provisions contained in legal netting agreements, the Corporation nets cash collateral against the applicable derivative fair value. The Corporation also pledges collateral on its own derivative positions which can be applied against derivative liabilities.

## Trading Instruments

Financial instruments utilized in trading activities are carried at fair value. Fair value is generally based on quoted market prices or quoted market prices for similar assets and liabilities. If these market prices are not available, fair values are estimated based on dealer quotes, pricing models, discounted cash flow methodologies, or similar techniques where the determination of fair value may require significant management judgment or estimation. Realized and unrealized gains and losses are recognized in trading account profits (losses).

## Derivatives and Hedging Activities

Derivatives are entered into on behalf of customers, for trading, as economic hedges or as qualifying accounting hedges. Derivatives utilized by the Corporation include swaps, financial futures and forward settlement contracts, and option contracts. A swap agreement is a contract between two parties to exchange cash flows based on specified underlying notional amounts, assets and/or indices. Financial futures and forward settlement contracts are agreements to buy or sell a quantity of a financial instrument, index, currency or commodity at a predetermined future date, and rate or price. An option contract is an agreement that conveys to the purchaser the right, but not the obligation, to buy or sell a quantity of a financial instrument (including another derivative financial instrument), index, currency or commodity at a predetermined rate or price during a period or at a date in the future. Option agreements can be transacted on organized exchanges or directly between parties.

All derivatives are recorded on the Consolidated Balance Sheet at fair value, taking into consideration the effects of legally enforceable master netting agreements that allow the Corporation to settle positive and negative positions and offset cash collateral held with the same counterparty on a net basis. For exchange-traded contracts, fair value is based on quoted market prices. For non-exchange traded contracts, fair value is based on dealer quotes, pricing models, discounted cash flow methodologies or similar techniques for which the determination of fair value may require significant management judgment or estimation.

Valuations of derivative assets and liabilities reflect the value of the instrument including counterparty credit risk. These values also take into account the Corporation's own credit standing, thus including in the valuation of the derivative instrument the value of the net credit differential between the counterparties to the derivative contract.

## Trading Derivatives and Economic Hedges

Derivatives held for trading purposes are included in derivative assets or derivative liabilities with changes in fair value included in trading account profits (losses).

Derivatives used as economic hedges, because either they did not qualify for or were not designated as an accounting hedge, are also included in derivative assets or derivative liabilities. Changes in the fair value of
derivatives that serve as economic hedges of mortgage servicing rights (MSRs), interest rate lock commitments (IRLCs) and first mortgage loans held-for-sale (LHFS) that are originated by the Corporation are recorded in mortgage banking income. Changes in the fair value of derivatives that serve as asset and liability management (ALM) economic hedges are recorded in other income (loss). Credit derivatives used by the Corporation as economic hedges do not qualify as accounting hedges despite being effective economic hedges, and changes in the fair value of these derivatives are included in other income (loss).

## Derivatives Used For Hedge Accounting Purposes (Accounting Hedges)

For accounting hedges, the Corporation formally documents at inception all relationships between hedging instruments and hedged items, as well as the risk management objectives and strategies for undertaking various accounting hedges. Additionally, the Corporation primarily uses regression analysis at the inception of a hedge and for each reporting period thereafter to assess whether the derivative used in a hedging transaction is expected to be and has been highly effective in offsetting changes in the fair value or cash flows of a hedged item. The Corporation discontinues hedge accounting when it is determined that a derivative is not expected to be or has ceased to be highly effective as a hedge, and then reflects changes in fair value of the derivative in earnings after termination of the hedge relationship.

The Corporation uses its accounting hedges as either fair value hedges, cash flow hedges or hedges of net investments in foreign operations. The Corporation manages interest rate and foreign currency exchange rate sensitivity predominantly through the use of derivatives. Fair value hedges are used to protect against changes in the fair value of the Corporation's assets and liabilities that are attributable to interest rate or foreign exchange volatility. Cash flow hedges are used primarily to minimize the variability in cash flows of assets or liabilities, or forecasted transactions caused by interest rate or foreign exchange fluctuations. For terminated cash flow hedges, the maximum length of time over which forecasted transactions are hedged is 26 years, with a substantial portion of the hedged transactions being less than 10 years. For open or future cash flow hedges, the maximum length of time over which forecasted transactions are or will be hedged is less than seven years.

Changes in the fair value of derivatives designated as fair value hedges are recorded in earnings, together and in the same income statement line item with changes in the fair value of the related hedged item. Changes in the fair value of derivatives designated as cash flow hedges are recorded in accumulated OCl and are reclassified into the line item in the income statement in which the hedged item is recorded and in the same period the hedged item affects earnings. Hedge ineffectiveness and gains and losses on the excluded component of a derivative in assessing hedge effectiveness are recorded in earnings in the same income statement line item. The Corporation records changes in the fair value of derivatives used as hedges of the net investment in foreign operations, to the extent effective, as a component of accumulated OCI .

If a derivative instrument in a fair value hedge is terminated or the hedge designation removed, the previous adjustments to the carrying amount of the hedged asset or liability are subsequently accounted for in the same manner as other components of the carrying amount of that asset or liability. For interest-earning assets and interest-bearing liabilities, such adjustments are amortized to earnings over the remaining life of the respective asset or liability. If a derivative instrument in a cash flow hedge is terminated or the hedge designation is removed, related amounts in accumulated OCl are reclassified into earnings in the same period or periods during which the hedged forecasted transaction affects earnings. If it is probable that a
forecasted transaction will not occur, any related amounts in accumulated OCl are reclassified into earnings in that period.

## Interest Rate Lock Commitments

The Corporation enters into IRLCs in connection with its mortgage banking activities to fund residential mortgage loans at specified times in the future. IRLCs that relate to the origination of mortgage loans that will be held for sale are considered derivative instruments under applicable accounting guidance. As such, these IRLCs are recorded at fair value with changes in fair value recorded in mortgage banking income.

In estimating the fair value of an IRLC, the Corporation assigns a probability to the loan commitment based on an expectation that it will be exercised and the loan will be funded. The fair value of the commitments is derived from the fair value of related mortgage loans which is based on observable market data and includes the expected net future cash flows related to servicing of the loans. Changes to the fair value of IRLCs are recognized based on interest rate changes, changes in the probability that the commitment will be exercised and the passage of time. Changes from the expected future cash flows related to the customer relationship are excluded from the valuation of IRLCs.

Outstanding IRLCs expose the Corporation to the risk that the price of the loans underlying the commitments might decline from inception of the rate lock to funding of the loan. To protect against this risk, the Corporation utilizes forward loan sales commitments and other derivative instruments, including interest rate swaps and options, to economically hedge the risk of potential changes in the value of the loans that would result from the commitments. The changes in the fair value of these derivatives are recorded in mortgage banking income.

## Securities

Debt securities are recorded on the Consolidated Balance Sheet as of the trade date and classified based on management's intention on the date of purchase. Debt securities which management has the intent and ability to hold to maturity are classified as held-to-maturity (HTM) and reported at amortized cost. Debt securities that are bought and held principally for the purpose of resale in the near term are classified as trading and are carried at fair value with unrealized gains and losses included in trading account profits (losses). Other debt securities are classified as AFS and carried at fair value with net unrealized gains and losses included in accumulated OCl on an aftertax basis. In addition, credit-related notes, which include investments in securities issued by CDOs, collateralized loan obligations (CLOs) and credit-linked note vehicles, are classified as trading securities.

The Corporation regularly evaluates each AFS and HTM debt security where the value has declined below amortized cost to assess whether the decline in fair value is other-than-temporary. In determining whether an impairment is other-than-temporary, the Corporation considers the severity and duration of the decline in fair value, the length of time expected for recovery, the financial condition of the issuer, and other qualitative factors, as well as whether the Corporation either plans to sell the security or it is more-likely-than-not that it will be required to sell the security before recovery of its amortized cost. Beginning in 2009, under new accounting guidance for impairments of debt securities that are deemed to be other-than-temporary, the credit component of an other-than-temporary impairment (OTTI) loss is recognized in earnings and the non-credit component is recognized in accumulated OCI in situations where the Corporation does not intend to sell the security and it is not more-likely-than-not that the Corporation will be required to sell the security prior to recovery. Prior to January 1, 2009, unrealized losses, both the credit and non-credit components, on AFS debt securities that were deemed to be other-than-temporary were included in current-period earnings. If there is an OTTI on any individual security classified as HTM, the

Corporation writes down the security to fair value with a corresponding charge to other income (loss).

Interest on debt securities, including amortization of premiums and accretion of discounts, is included in interest income. Realized gains and losses from the sales of debt securities, which are included in gains (losses) on sales of debt securities, are determined using the specific identification method.

Marketable equity securities are classified based on management's intention on the date of purchase and recorded on the Consolidated Balance Sheet as of the trade date. Marketable equity securities that are bought and held principally for the purpose of resale in the near term are classified as trading and are carried at fair value with unrealized gains and losses included in trading account profits (losses). Other marketable equity securities are accounted for as AFS and classified in other assets. All AFS marketable equity securities are carried at fair value with net unrealized gains and losses included in accumulated OCl on an after-tax basis. If there is an oth-er-than-temporary decline in the fair value of any individual AFS marketable equity security, the Corporation reclassifies the associated net unrealized loss out of accumulated OCl with a corresponding charge to equity investment income. Dividend income on AFS marketable equity securities is included in equity investment income. Realized gains and losses on the sale of all AFS marketable equity securities, which are recorded in equity investment income, are determined using the specific identification method.

Equity investments without readily determinable fair values are recorded in other assets. Impairment testing is based on applicable accounting guidance and the cost basis is reduced when impairment is deemed to be other-than-temporary.

Certain equity investments held by Global Principal Investments, the Corporation's diversified equity investor in private equity, real estate and other alternative investments, are subject to investment company accounting under applicable accounting guidance, and accordingly, are carried at fair value with changes in fair value reported in equity investment income. These investments are included in other assets. Initially, the transaction price of the investment is generally considered to be the best indicator of fair value. Thereafter, valuation of direct investments is based on an assessment of each individual investment using methodologies that include publicly traded comparables derived by multiplying a key performance metric (e.g., earnings before interest, taxes, depreciation and amortization) of the portfolio company by the relevant valuation multiple observed for comparable companies, acquisition comparables, entry level multiples and discounted cash flows, and are subject to appropriate discounts for lack of liquidity or marketability. Certain factors that may influence changes in fair value include but are not limited to recapitalizations, subsequent rounds of financing and offerings in the equity or debt capital markets. For fund investments, the Corporation generally records the fair value of its proportionate interest in the fund's capital as reported by the funds' respective managers.

Other investments held by Global Principal Investments are accounted for under either the equity method or at cost, depending on the Corporation's ownership interest, and are reported in other assets.

## Loans and Leases

Loans measured at historical cost are reported at their outstanding principal balances net of any unearned income, charge-offs, unamortized deferred fees and costs on originated loans, and for purchased loans, net of any unamortized premiums or discounts. Loan origination fees and certain direct origination costs are deferred and recognized as adjustments to interest income over the lives of the related loans. Unearned income, discounts and premiums are amortized to interest income using a level yield methodology. The Corporation elects to account for certain loans under the fair value option with changes in fair value reported in mortgage banking income for residential mortgage loans and other income for commercial loans.

The FASB issued new disclosure guidance, effective on a prospective basis for the Corporation's 2010 year-end reporting, that addresses disclosure of loans and other financing receivables and the related allowance. The new accounting guidance defines a portfolio segment as the level at which an entity develops and documents a systematic methodology to determine the allowance for credit losses, and a class of financing receivables as the level of disaggregation of portfolio segments based on the initial measurement attribute, risk characteristics and methods for assessing risk. The Corporation's portfolio segments are home loans, credit card and other consumer, and commercial. The classes within the home loans portfolio segment are residential mortgage, home equity and discontinued real estate. The classes within the credit card and other consumer portfolio segment are U.S. credit card, non-U.S. credit card, direct/indirect consumer and other consumer. The classes within the commercial portfolio segment are U.S. commercial, commercial real estate, commercial lease financing, non-U.S. commercial and U.S. small business commercial. Under this new accounting guidance, the allowance is presented by portfolio segment.

## Purchased Credit-impaired Loans

The Corporation purchases loans with and without evidence of credit quality deterioration since origination. Evidence of credit quality deterioration as of the purchase date may include statistics such as past due status, refreshed borrower credit scores and refreshed loan-to-value (LTV) ratios, some of which are not immediately available as of the purchase date. The Corporation continues to evaluate this information and other credit-related information as it becomes available. Purchased loans are considered to be impaired if the Corporation does not expect to receive all contractually required cash flows due to concerns about credit quality. The excess of the cash flows expected to be collected measured as of the acquisition date, over the estimated fair value is referred to as the accretable yield and is recognized in interest income over the remaining life of the loan using a level yield methodology. The difference between contractually required payments as of the acquisition date and the cash flows expected to be collected is referred to as the nonaccretable difference.

The initial fair values for PCI loans are determined by discounting both principal and interest cash flows expected to be collected using an observable discount rate for similar instruments with adjustments that management believes a market participant would consider in determining fair value. The Corporation estimates the cash flows expected to be collected upon acquisition using internal credit risk, interest rate and prepayment risk models that incorporate management's best estimate of current key assumptions such as default rates, loss severity and payment speeds.

Subsequent decreases to expected principal cash flows result in a charge to provision for credit losses and a corresponding increase to a valuation allowance included in the allowance for loan and lease losses. Subsequent increases in expected principal cash flows result in a recovery of any previously recorded allowance for loan and lease losses, to the extent applicable, and a reclassification from nonaccretable difference to accretable yield for any remaining increase. Changes in expected interest cash flows may result in reclassifications to/from the nonaccretable difference. Loan disposals, which may include sales of loans, receipt of payments in full from the borrower or foreclosure, result in removal of the loan from the PCI loan pool at its allocated carrying amount. Beginning on January 1, 2010, loans modified in a TDR remain within the PCI loan pools. Prior to January 1, 2010, TDRs were removed from the PCI loan pools.

## Leases

The Corporation provides equipment financing to its customers through a variety of lease arrangements. Direct financing leases are carried at the aggregate of lease payments receivable plus estimated residual value of the
leased property less unearned income. Leveraged leases, which are a form of financing leases, are carried net of nonrecourse debt. Unearned income on leveraged and direct financing leases is accreted to interest income over the lease terms using methods that approximate the interest method.

## Allowance for Credit Losses

The allowance for credit losses, which includes the allowance for loan and lease losses and the reserve for unfunded lending commitments, represents management's estimate of probable losses inherent in the Corporation's lending activities. The allowance for loan and lease losses and the reserve for unfunded lending commitments exclude amounts for loans and unfunded lending commitments accounted for under the fair value option as the fair values of these instruments reflect a credit component. The allowance for loan and lease losses does not include amounts related to accrued interest receivable other than billed interest and fees on credit card receivables as accrued interest receivable is reversed when a loan is placed on nonaccrual status. The allowance for loan and lease losses represents the estimated probable credit losses in funded consumer and commercial loans and leases while the reserve for unfunded lending commitments, including standby letters of credit (SBLCs) and binding unfunded loan commitments, represents estimated probable credit losses on these unfunded credit instruments based on utilization assumptions. Credit exposures deemed to be uncollectible, excluding derivative assets, trading account assets and loans carried at fair value, are charged against these accounts. Cash recovered on previously charged off amounts is recorded as a recovery to these accounts. Management evaluates the adequacy of the allowance for loan and lease losses based on the combined total of these two components.

The Corporation performs periodic and systematic detailed reviews of its lending portfolios to identify credit risks and to assess the overall collectability of those portfolios. The allowance on certain homogeneous consumer loan portfolios, which generally consist of consumer real estate within the home loans portfolio segment and credit card loans within the credit card and other consumer portfolio segment, is based on aggregated portfolio segment evaluations generally by product type. Loss forecast models are utilized for these portfolios which consider a variety of factors including, but not limited to, historical loss experience, estimated defaults or foreclosures based on portfolio trends, delinquencies, bankruptcies, economic conditions and credit scores.

The Corporation's home loans portfolio segment is comprised primarily of large groups of homogeneous consumer loans secured by residential real estate. The amount of losses incurred in the homogeneous loan pools is estimated based upon how many of the loans will default and the loss in the event of default. Using statistically valid modeling methodologies, the Corporation estimates how many of the homogeneous loans will default based on the individual loans' attributes aggregated into pools of homogeneous loans with similar attributes. The attributes that are most significant to the probability of default and are used to estimate default include refreshed LTV or in the case of a subordinated lien, refreshed combined loan-to-value (CLTV), borrower credit score, months since origination (i.e., vintage) and geography, all of which are further broken down by present collection status (whether the loan is current, delinquent, in default or in bankruptcy). This estimate is based on the Corporation's historical experience with the loan portfolio. The estimate is adjusted to reflect an assessment of environmental factors not yet reflected in the historical data underlying the loss estimates, such as changes in real estate values, local and national economies, underwriting standards and the regulatory environment. The probability of default of a loan is based on an analysis of the movement of loans with the measured attributes from either current or each of the delinquency categories to default over a twelve-month period. Loans 90 or more days past due or those expected to migrate to 90 or more days past due within the twelve-month period are assigned a rate of
default that measures the percentage of such loans that will default over their lives given the assumption that the condition causing the ultimate default presently exists as of the measurement date. On home equity loans where the Corporation holds only a second-lien position and foreclosure is not the best alternative, the loss severity is estimated at 100 percent.

The allowance on certain commercial loans (except business card and certain small business loans) is calculated using loss rates delineated by risk rating and product type. Factors considered when assessing loss rates include: the value of the underlying collateral, if applicable, the industry of the obligor, and the obligor's liquidity and other financial indicators along with certain qualitative factors. These statistical models are updated regularly for changes in economic and business conditions. Included in the analysis of consumer and commercial loan portfolios are reserves which are maintained to cover uncertainties that affect the Corporation's estimate of probable losses including domestic and global economic uncertainty and large single name defaults.

The remaining commercial portfolios, including nonperforming commercial loans, as well as consumer real estate loans modified in a TDR, renegotiated credit card, unsecured consumer and small business loans are reviewed in accordance with applicable accounting guidance on impaired loans and TDRs. If necessary, a specific allowance is established for these loans if they are deemed to be impaired. A loan is considered impaired when, based on current information and events, it is probable that the Corporation will be unable to collect all amounts due, including principal and/or interest, according to the contractual terms of the agreement, and once a loan has been identified as impaired, management measures impairment. Impaired loans and TDRs are primarily measured based on the present value of payments expected to be received, discounted at the loans' original effective contractual interest rates, or discounted at the portfolio average contractual annual percentage rate, excluding renegotiated and promotionally priced loans for the renegotiated TDR portfolio. Impaired loans and TDRs may also be measured based on observable market prices, or for loans that are solely dependent on the collateral for repayment, the estimated fair value of the collateral less estimated costs to sell. If the recorded investment in impaired loans exceeds this amount, a specific allowance is established as a component of the allowance for loan and lease losses unless these are consumer real estate loans that are solely dependent on the collateral for repayment, in which case the initial amount that exceeds the fair value of the collateral is charged off.

Generally, prior to performing a detailed property valuation including a walk-through of a property, the Corporation initially estimates the fair value of the collateral securing consumer loans that are solely dependent on the collateral for repayment using an automated valuation method (AVM). An AVM is a tool that estimates the value of a property by reference to market data including sales of comparable properties and price trends specific to the Metropolitan Statistical Area in which the property being valued is located. In the event that an AVM value is not available, the Corporation utilizes publicized indices or if these methods provide less reliable valuations, the Corporation uses appraisals or broker price opinions to estimate the fair value of the collateral. While there is inherent imprecision in these valuations, the Corporation believes that they are representative of the portfolio in the aggregate.

In addition to the allowance for loan and lease losses, the Corporation also estimates probable losses related to unfunded lending commitments, such as letters of credit and financial guarantees, and binding unfunded loan commitments. The reserve for unfunded lending commitments excludes commitments accounted for under the fair value option. Unfunded lending commitments are subject to individual reviews and are analyzed and segregated by risk according to the Corporation's internal risk rating scale. These risk classifications, in conjunction with an analysis of historical loss experience, utilization assumptions, current economic conditions, performance
trends within the portfolio and any other pertinent information, result in the estimation of the reserve for unfunded lending commitments.

The allowance for credit losses related to the loan and lease portfolio is reported separately on the Consolidated Balance Sheet whereas the reserve for unfunded lending commitments is reported on the Consolidated Balance Sheet in accrued expenses and other liabilities. Provision for credit losses related to the loan and lease portfolio and unfunded lending commitments is reported in the Consolidated Statement of Income.

## Nonperforming Loans and Leases, Charge-offs and Delinquencies

Nonperforming loans and leases generally include loans and leases that have been placed on nonaccrual status including nonaccruing loans whose contractual terms have been restructured in a manner that grants a concession to a borrower experiencing financial difficulties. Loans accounted for under the fair value option, PCl loans and LHFS are not reported as nonperforming loans and leases.

In accordance with the Corporation's policies, non-bankrupt credit card loans and unsecured consumer loans are charged off no later than the end of the month in which the account becomes 180 days past due. The outstanding balance of real estate-secured loans that is in excess of the estimated property value, less estimated costs to sell, is charged off no later than the end of the month in which the account becomes 180 days past due unless repayment of the loan is insured by the Federal Housing Administration (FHA). The estimated property value, less estimated costs to sell, is determined using the same process as described for impaired loans in the Allowance for Credit Losses section beginning on page 150. Personal property-secured loans are charged off no later than the end of the month in which the account becomes 120 days past due. Unsecured accounts in bankruptcy, including credit cards, are charged off 60 days after bankruptcy notification. For secured products, accounts in bankruptcy are written down to the collateral value, less cost to sell, by the end of the month in which the account becomes 60 days past due. Consumer credit card loans, consumer loans secured by personal property and unsecured consumer loans are not placed on nonaccrual status prior to charge-off and therefore are not reported as nonperforming loans. Real estate-secured loans are generally placed on nonaccrual status and classified as nonperforming at 90 days past due. However, consumer loans secured by real estate where repayments are insured by the FHA are not placed on nonaccrual status, and therefore, are not reported as nonperforming loans. Accrued interest receivable is reversed when a consumer loan is placed on nonaccrual status. Interest collections on nonaccruing consumer loans for which the ultimate collectability of principal is uncertain are applied as principal reductions; otherwise, such collections are credited to interest income when received. These loans may be restored to accrual status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection. Consumer loans whose contractual terms have been modified in a TDR and are current at the time of restructuring remain on accrual status if there is demonstrated performance prior to the restructuring and payment in full under the restructured terms is expected. Otherwise, the loans are placed on nonaccrual status and reported as nonperforming until there is sustained repayment performance for a reasonable period, generally six months. Consumer TDRs that are on accrual status are reported as performing TDRs through the end of the calendar year in which the restructuring occurred or the year in which the loans are returned to accrual status. In addition, if accruing consumer TDRs bear less than a market rate of interest at the time of modification, they are reported as performing TDRs throughout the remaining lives of the loans.

Commercial loans and leases, excluding business card loans, that are past due 90 days or more as to principal or interest, or where reasonable
doubt exists as to timely collection, including loans that are individually identified as being impaired, are generally placed on nonaccrual status and classified as nonperforming unless well-secured and in the process of collection. Commercial loans and leases whose contractual terms have been modified in a TDR are placed on nonaccrual status and reported as nonperforming until the loans have performed for an adequate period of time under the restructured agreement, generally six months. Accruing commercial TDRs are reported as performing TDRs through the end of the calendar year in which the loans are returned to accrual status. In addition, if accruing commercial TDRs bear less than a market rate of interest at the time of modification, they are reported as performing TDRs throughout the remaining lives of the loans. Accrued interest receivable is reversed when a commercial loan is placed on nonaccrual status. Interest collections on nonaccruing commercial loans and leases for which the ultimate collectability of principal is uncertain are applied as principal reductions; otherwise, such collections are credited to income when received. Commercial loans and leases may be restored to accrual status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection. Business card loans are charged off no later than the end of the month in which the account becomes 180 days past due or where 60 days have elapsed since receipt of notification of bankruptcy filing, whichever comes first. These loans are not placed on nonaccrual status prior to charge-off and therefore are not reported as nonperforming loans. Other commercial loans are generally charged off when all or a portion of the principal amount is determined to be uncollectible.

The entire balance of a consumer and commercial loan is contractually delinquent if the minimum payment is not received by the specified due date on the customer's billing statement. Interest and fees continue to accrue on past due loans until the date the loan goes into nonaccrual status, if applicable.

PCI loans are recorded at fair value at the acquisition date. Although the PCI loans may be contractually delinquent, the Corporation does not classify these loans as nonperforming as the loans were written down to fair value at the acquisition date and the accretable yield is recognized in interest income over the remaining life of the loan. In addition, reported net charge-offs exclude write-downs on PCl loan pools as the fair value already considers the estimated credit losses.

## Loans Held-for-sale

Loans that are intended to be sold in the foreseeable future, including residential mortgages, loan syndications, and to a lesser degree, commercial real estate, consumer finance and other loans, are reported as LHFS and are carried at the lower of aggregate cost or fair value. The Corporation accounts for certain LHFS, including first mortgage LHFS, under the fair value option. Mortgage loan origination costs related to LHFS which the Corporation accounts for under the fair value option are recognized in noninterest expense when incurred. Mortgage loan origination costs for LHFS carried at the lower of cost or fair value are capitalized as part of the carrying amount of the loans and recognized as a reduction of mortgage banking income upon the sale of such loans. LHFS that are on nonaccrual status and are reported as nonperforming, as defined in the policy above, are reported separately from nonperforming loans and leases.

## Premises and Equipment

Premises and equipment are stated at cost less accumulated depreciation and amortization. Depreciation and amortization are recognized using the straight-line method over the estimated useful lives of the assets. Estimated lives range up to 40 years for buildings, up to 12 years for furniture and
equipment, and the shorter of lease term or estimated useful life for leasehold improvements.

## Mortgage Servicing Rights

The Corporation accounts for consumer-related MSRs at fair value with changes in fair value recorded in mortgage banking income, while commer-cial-related and residential reverse mortgage MSRs are accounted for using the amortization method (i.e., lower of cost or market) with impairment recognized as a reduction in mortgage banking income. To reduce the volatility of earnings related to interest rate and market value fluctuations, certain securities and derivatives such as options and interest rate swaps may be used as economic hedges of the MSRs, but are not designated as accounting hedges. These economic hedges are carried at fair value with changes in fair value recognized in mortgage banking income.

The Corporation estimates the fair value of the consumer-related MSRs using a valuation model that calculates the present value of estimated future net servicing income. This is accomplished through an option-adjusted spread (OAS) valuation approach that factors in prepayment risk. This approach consists of projecting servicing cash flows under multiple interest rate scenarios and discounting these cash flows using risk-adjusted discount rates. The key economic assumptions used in valuations of MSRs include weightedaverage lives of the MSRs and the OAS levels. The OAS represents the spread that is added to the discount rate so that the sum of the discounted cash flows equals the market price, therefore it is a measure of the extra yield over the reference discount factor (i.e., the forward swap curve) that the Corporation expects to earn by holding the asset. These variables can, and generally do, change from quarter to quarter as market conditions and projected interest rates change, and could have an adverse impact on the value of the MSRs and could result in a corresponding reduction in mortgage banking income.

## Goodwill and Intangible Assets

Goodwill is calculated as the purchase premium after adjusting for the fair value of net assets acquired. Goodwill is not amortized but is reviewed for potential impairment on an annual basis, or when events or circumstances indicate a potential impairment, at the reporting unit level. A reporting unit, as defined under applicable accounting guidance, is a business segment or one level below a business segment. The goodwill impairment analysis is a twostep test. The first step of the goodwill impairment test involves comparing the fair value of each reporting unit with its carrying amount including goodwill. If the fair value of the reporting unit exceeds its carrying amount, goodwill of the reporting unit is considered not impaired; however, if the carrying amount of the reporting unit exceeds its fair value, the second step must be performed to measure potential impairment.

The second step involves calculating an implied fair value of goodwill for each reporting unit for which the first step indicated possible 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 assets, liabilities and identifiable intangibles as if the reporting unit was being acquired in a business combination. Measurement of the fair values of the assets and liabilities of a reporting unit is consistent with the requirements of the fair value measurements accounting guidance, which defines fair value as an exit price, meaning 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 adjustments to measure the assets, liabilities and intangibles at fair value are for the purpose of measuring the implied fair value of goodwill and such adjustments are not reflected in the Consolidated Balance Sheet. If the implied fair value of goodwill 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 goodwill, an impairment charge is recorded for the excess. An impairment loss recognized cannot exceed the amount of goodwill assigned to a reporting unit. An impairment loss establishes a new basis in the goodwill and subsequent reversals of goodwill impairment losses are not permitted under applicable accounting guidance.

For intangible assets subject to amortization, an impairment loss is recognized if the carrying amount of the intangible asset is not recoverable and exceeds fair value. The carrying amount of the intangible asset is considered not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the use of the asset.

## Variable Interest Entities

A VIE is an entity that lacks equity investors or whose equity investors do not have a controlling financial interest in the entity through their equity investments. The entity that has a controlling financial interest in a VIE is referred to as the primary beneficiary and consolidates the VIE. Prior to January 1, 2010, the primary beneficiary was the entity that would absorb a majority of the economic risks and rewards of the VIE based on an analysis of projected probability-weighted cash flows. In accordance with the new accounting guidance on consolidation of VIEs and transfers of financial assets effective January 1, 2010, the Corporation is deemed to have a controlling financial interest and is the primary beneficiary of a VIE if it has both the power to direct the activities of the VIE that most significantly impact the VIE's economic performance and an obligation to absorb losses or the right to receive benefits that could potentially be significant to the VIE. On a quarterly basis, the Corporation reassesses whether it has a controlling financial interest in and is the primary beneficiary of a VIE. The quarterly reassessment process considers whether the Corporation has acquired or divested the power to direct the activities of the VIE through changes in governing documents or other circumstances. The reassessment also considers whether the Corporation has acquired or disposed of a financial interest that could be significant to the VIE, or whether an interest in the VIE has become significant or is no longer significant. The consolidation status of the VIEs with which the Corporation is involved may change as a result of such reassessments. Changes in consolidation status are applied prospectively, with assets and liabilities of a newly consolidated VIE initially recorded at fair value. A gain or loss may be recognized upon deconsolidation of a VIE depending on the carrying amounts of deconsolidated assets and liabilities compared to the fair value of retained interests and ongoing contractual arrangements.

The Corporation primarily uses VIEs for its securitization activities, in which the Corporation transfers whole loans or debt securities into a trust or other vehicle such that the assets are legally isolated from the creditors of the Corporation. Assets held in a trust can only be used to settle obligations of the trust. The creditors of these trusts typically have no recourse to the Corporation except in accordance with the Corporation's obligations under standard representations and warranties. Prior to 2010, securitization trusts typically met the definition of a QSPE and as such were not subject to consolidation.

When the Corporation is the servicer of whole loans held in a securitization trust, including non-agency residential mortgages, home equity loans, credit cards, automobile loans and student loans, the Corporation has the power to direct the most significant activities of the trust. The Corporation does not have the power to direct the most significant activities of a residential mortgage agency trust unless the Corporation holds substantially all of the issued securities and has the unilateral right to liquidate the trust. The power to direct the most significant activities of a commercial mortgage securitization trust is typically held by the special servicer or by the party holding specific subordinate securities which embody certain controlling rights. In accordance with the new accounting guidance, the Corporation consolidates a whole loan securitization trust if it has the power to direct the most significant activities and also holds securities issued by the trust or has other contractual
arrangements, other than standard representations and warranties, that could potentially be significant to the trust.

The Corporation may also transfer trading account securities and AFS securities into municipal bond or resecuritization trusts. The Corporation consolidates a municipal bond or resecuritization trust if it has control over the ongoing activities of the trust such as the remarketing of the trust's liabilities or, if there are no ongoing activities, sole discretion over the design of the trust, including the identification of securities to be transferred in and the structure of securities to be issued, and also retains securities or has liquidity or other commitments that could potentially be significant to the trust. The Corporation does not consolidate a municipal bond or resecuritization trust if one or a limited number of third-party investors share responsibility for the design of the trust or have control over the significant activities of the trust through liquidation or other substantive rights.

Other VIEs used by the Corporation include commercial paper conduits, CDOs, investment vehicles created on behalf of customers and other investment vehicles. The Corporation consolidated all previously unconsolidated commercial paper conduits in accordance with the new accounting guidance on January 1, 2010. In its role as administrator, the Corporation has the power to determine which assets are held in the conduits and the Corporation manages the issuance of commercial paper. Through liquidity facilities, loss protection commitments and other arrangements, the Corporation has an obligation to absorb losses that could potentially be significant to the VIE.

The Corporation does not routinely serve as collateral manager for CDOs and, therefore, does not typically have the power to direct the activities that most significantly impact the economic performance of a CDO. However, following an event of default, if the Corporation is a majority holder of senior securities issued by a CDO and acquires the power to manage the assets of the CDO, the Corporation consolidates the CDO.

The Corporation consolidates a customer or other investment vehicle if it has control over the initial design of the vehicle or manages the assets in the vehicle and also absorbs potentially significant gains or losses through an investment in the vehicle, derivative contracts or other arrangements. The Corporation does not consolidate an investment vehicle if a single investor controlled the initial design of the vehicle or manages the assets in the vehicles or if the Corporation does not have a variable interest that could potentially be significant to the vehicle.

Retained interests in securitized assets are initially recorded at fair value. Prior to 2010, retained interests were initially recorded at an allocated cost basis in proportion to the relative fair values of the assets sold and interests retained. In addition, the Corporation may invest in debt securities issued by unconsolidated VIEs. Quoted market prices are primarily used to obtain fair values of these debt securities, which are AFS debt securities or trading account assets. Generally, quoted market prices for retained residual interests are not available, therefore, the Corporation estimates fair values based on the present value of the associated expected future cash flows. This may require management to estimate credit losses, prepayment speeds, forward interest yield curves, discount rates and other factors that impact the value of retained interests. Retained residual interests in unconsolidated securitization trusts are classified in trading account assets or other assets with changes in fair value recorded in income. The Corporation may also enter into derivatives with unconsolidated VIEs, which are carried at fair value with changes in fair value recorded in income.

## Fair Value

The Corporation measures the fair values of its financial instruments in accordance with accounting guidance that requires an entity to base fair value on exit price and maximize the use of observable inputs and minimize the use of unobservable inputs to determine the exit price. The Corporation categorizes its financial instruments, based on the priority of inputs to the valuation technique, into a three-level hierarchy, as described below. Trading account assets and liabilities, derivative assets and liabilities, AFS debt and marketable equity securities, MSRs and certain other assets are carried at fair value in accordance with applicable accounting guidance. The Corporation has also elected to account for certain assets and liabilities under the fair value option, including certain corporate loans and loan commitments, LHFS, commercial paper and other short-term borrowings, securities financing agreements, asset-backed secured financings, long-term deposits and long-term debt. The following describes the three-level hierarchy.
Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities. Level 1 assets and liabilities include debt and equity securities and derivative contracts that are traded in an active exchange market, as well as certain U.S. Treasury securities that are highly liquid and are actively traded in over-the-counter markets.
Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities. Level 2 assets and liabilities include debt securities with quoted prices that are traded less frequently than exchangetraded instruments and derivative contracts where value is determined using a pricing model with inputs that are observable in the market or can be derived principally from or corroborated by observable market data. This category generally includes U.S. government and agency mortgage-backed debt securities, corporate debt securities, derivative contracts, residential mortgage loans and certain LHFS.
Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the overall fair value of the assets or liabilities. Level 3 assets and liabilities include financial instruments for which the determination of fair value requires significant management judgment or estimation. The fair value for such assets and liabilities is generally determined using pricing models, discounted cash flow methodologies or similar techniques that incorporate the assumptions a market participant would use in pricing the asset or liability. This category generally includes certain private equity investments and other principal investments, retained residual interests in securitizations, residential MSRs, asset-backed securities (ABS), highly structured, complex or long-dated derivative contracts, certain LHFS, IRLCs and certain CDOs where independent pricing information cannot be obtained for a significant portion of the underlying assets.

## Income Taxes

There are two components of income tax expense: current and deferred. Current income tax expense approximates taxes to be paid or refunded for the current period. Deferred income tax expense results from changes in deferred tax assets and liabilities between periods. These gross deferred tax assets and liabilities represent decreases or increases in taxes expected to be paid in the future because of future reversals of temporary differences in the bases of assets and liabilities as measured by tax laws and their bases as reported in the financial statements. Deferred tax assets are also recognized for tax attributes such as net operating loss carryforwards and tax credit carryforwards. Valuation allowances are recorded to reduce deferred tax assets to the amounts management concludes are more-likely-than-not to be realized.

Income tax benefits are recognized and measured based upon a two-step model: 1) a tax position must be more-likely-than-not to be sustained based solely on its technical merits in order to be recognized, and 2) the benefit is measured as the largest dollar amount of that position that is more-likely-thannot to be sustained upon settlement. The difference between the benefit recognized and the tax benefit claimed on a tax return is referred to as an unrecognized tax benefit (UTB). The Corporation records income tax-related interest and penalties, if applicable, within income tax expense.

## Retirement Benefits

The Corporation has established retirement plans covering substantially all full-time and certain part-time employees. Pension expense under these plans is charged to current operations and consists of several components of net pension cost based on various actuarial assumptions regarding future experience under the plans.

In addition, the Corporation has established unfunded supplemental benefit plans and supplemental executive retirement plans (SERPs) for selected officers of the Corporation and its subsidiaries that provide benefits that cannot be paid from a qualified retirement plan due to Internal Revenue Code restrictions. The Corporation's current executive officers do not earn additional retirement income under SERPs. These plans are nonqualified under the Internal Revenue Code and assets used to fund benefit payments are not segregated from other assets of the Corporation; therefore, in general, a participant's or beneficiary's claim to benefits under these plans is as a general creditor. In addition, the Corporation has established several postretirement healthcare and life insurance benefit plans.

## Accumulated Other Comprehensive Income

The Corporation records unrealized gains and losses on AFS debt and marketable equity securities, gains and losses on cash flow accounting hedges, unrecognized actuarial gains and losses, transition obligation and prior service costs on pension and postretirement plans, foreign currency translation adjustments and related hedges of net investments in foreign operations in accumulated OCI, net-of-tax. Unrealized gains and losses on AFS debt and marketable equity securities are reclassified to earnings as the gains or losses are realized upon sale of the securities. Unrealized losses on AFS securities deemed to represent OTTI are reclassified to earnings at the time of the impairment charge. Beginning in 2009, for AFS debt securities that the Corporation does not intend to sell or it is not more-likely-than-not that it will be required to sell, only the credit component of an unrealized loss is reclassified to earnings. Gains or losses on derivatives accounted for as cash flow hedges are reclassified to earnings when the hedged transaction affects earnings. Translation gains or losses on foreign currency translation adjustments are reclassified to earnings upon the substantial sale or liquidation of investments in foreign operations.

## Earnings Per Common Share

Earnings per share (EPS) is computed by dividing net income (loss) allocated to common shareholders by the weighted-average common shares outstanding. Net income (loss) allocated to common shareholders represents net income (loss) applicable to common shareholders which is net income (loss) adjusted for preferred stock dividends including dividends declared, accretion of discounts on preferred stock including accelerated accretion when preferred stock is repaid early, and cumulative dividends related to the current dividend period that have not been declared as of period end, less income allocated to participating securities (see below for additional information). Diluted earnings (loss) per common share is computed by dividing income (loss) allocated to common shareholders by the weighted-average common shares outstanding plus amounts representing the dilutive effect of stock options outstanding, restricted stock, restricted stock units, outstanding warrants and the dilution resulting from the conversion of convertible preferred stock, if applicable.

On January 1, 2009, the Corporation adopted new accounting guidance on earnings per share that defines unvested share-based payment awards that contain nonforfeitable rights to dividends as participating securities that are included in computing EPS using the two-class method. The two-class method is an earnings allocation formula under which EPS is calculated for common stock and participating securities according to dividends declared and participating rights in undistributed earnings. Under this method, all earnings, distributed and undistributed, are allocated to participating securities and common shares based on their respective rights to receive dividends.

In an exchange of non-convertible preferred stock, income allocated to common shareholders is adjusted for the difference between the carrying value of the preferred stock and the fair value of the common stock exchanged. In an induced conversion of convertible preferred stock, income allocated to common shareholders is reduced by the excess of the fair value of the common stock exchanged over the fair value of the common stock that would have been issued under the original conversion terms.

## Foreign Currency Translation

Assets, liabilities and operations of foreign branches and subsidiaries are recorded based on the functional currency of each entity. For certain of the foreign operations, the functional currency is the local currency, in which case the assets, liabilities and operations are translated, for consolidation purposes, from the local currency to the U.S. dollar reporting currency at periodend rates for assets and liabilities and generally at average rates for results of operations. The resulting unrealized gains or losses as well as gains and losses from certain hedges, are reported as a component of accumulated OCl on an after-tax basis. When the foreign entity's functional currency is determined to be the U.S. dollar, the resulting remeasurement currency gains or losses on foreign currency-denominated assets or liabilities are included in earnings.

## Credit Card and Deposit Arrangements

## Endorsing Organization Agreements

The Corporation contracts with other organizations to obtain their endorsement of the Corporation's loan and deposit products. This endorsement may provide to the Corporation exclusive rights to market to the organization's members or to customers on behalf of the Corporation. These organizations endorse the Corporation's loan and deposit products and provide the Corporation with their mailing lists and marketing activities. These agreements generally have terms that range from two to five years. The Corporation typically pays royalties in exchange for the endorsement. Compensation costs related to the credit card agreements are recorded as contra-revenue in card income.

## Cardholder Reward Agreements

The Corporation offers reward programs that allow its cardholders to earn points that can be redeemed for a broad range of rewards including cash, travel and discounted products. The Corporation establishes a rewards liability based upon the points earned that are expected to be redeemed and the average cost per point redeemed. The points to be redeemed are estimated based on past redemption behavior, card product type, account transaction activity and other historical card performance. The liability is reduced as the points are redeemed. The estimated cost of the rewards programs is recorded as contra-revenue in card income.

## Insurance Income and Insurance Expense

Property and casualty and credit life and disability premiums are generally recognized over the term of the policies on a pro-rata basis for all policies except for certain of the lender-placed auto insurance and the guaranteed auto protection (GAP) policies. For lender-placed auto insurance, premiums are recognized when collections become probable due to high cancellation rates experienced early in the life of the policy. For GAP insurance, revenue recognition is correlated to the exposure and accelerated over the life of the contract. Mortgage reinsurance premiums are recognized as earned. Insurance expense includes insurance claims, commissions and premium taxes, all of which are recorded in other general operating expense.

## NOTE 2 Merger and Restructuring Activity

## Merrill Lynch

On January 1, 2009, the Corporation acquired Merrill Lynch through its merger with a subsidiary of the Corporation in exchange for common and preferred stock with a value of $\$ 29.1$ billion. Under the terms of the merger agreement, Merrill Lynch common shareholders received 0.8595 of a share of Bank of America Corporation common stock in exchange for each share of Merrill Lynch common stock. In addition, Merrill Lynch non-convertible preferred shareholders received Bank of America Corporation preferred stock having substantially identical terms. On October 15, 2010, the outstanding Merrill Lynch convertible preferred stock automatically converted into Bank of America Corporation common stock in accordance with its terms.

The purchase price was allocated to the acquired assets and liabilities based on their estimated fair values at the Merrill Lynch acquisition date as summarized in the table below. Goodwill of $\$ 5.2$ billion was calculated as the purchase premium after adjusting for the fair value of net assets acquired. No goodwill is deductible for federal income tax purposes. The goodwill was allocated principally to the Global Wealth \& Investment Management (GWIM) and Global Banking \& Markets (GBAM) business segments.

| Merrill Lynch Purchase Price Allocation <br> (Dollars in billions, except per share amounts) |  |
| :---: | :---: |
| Purchase price |  |
| Merrill Lynch common shares exchanged (in millions) | 1,600 |
| Exchange ratio | 0.8595 |
| The Corporation's common shares issued (in millions) | 1,375 |
| Purchase price per share of the Corporation's common stock ${ }^{(1)}$ | \$ 14.08 |
| Total value of the Corporation's common stock and cash exchanged for fractional shares | \$ 19.4 |
| Merrill Lynch preferred stock | 8.6 |
| Fair value of outstanding employee stock awards | 1.1 |
| Total purchase price | \$ 29.1 |
| Allocation of the purchase price |  |
| Merrill Lynch stockholders' equity | 19.9 |
| Merrill Lynch goodwill and intangible assets | (2.6) |
| Pre-tax adjustments to reflect acquired assets and liabilities at fair value: |  |
| Derivatives and securities | (2.1) |
| Loans | (6.1) |
| Intangible assets ${ }^{(2)}$ | 5.4 |
| Other assets/liabilities | (0.7) |
| Long-term debt | 16.0 |
| Pre-tax total adjustments | 12.5 |
| Deferred income taxes | (5.9) |
| After-tax total adjustments | 6.6 |
| Fair value of net assets acquired | 23.9 |
| Goodwill resulting from the Merrill Lynch acquisition | \$ 5.2 |
| (1) The value of the shares of common stock exchanged with Merrill Lynch shareholders was based upon the closing price of the <br> ${ }^{(2)}$ Consists of trade name of $\$ 1.5$ billion and customer relationship and core deposit intangibles of $\$ 3.9$ billion. The amortization a straight-line basis. | acquisition. amortized on |

## Condensed Statement of Net Assets Acquired

The following condensed statement of net assets acquired reflects the values assigned to Merrill Lynch's net assets as of the acquisition date.

| (Dollars in billions) | January 1, 2009 |
| :--- | ---: |
| Assets |  |
| Federal funds sold and securities borrowed or purchased under |  |
| agreements to resell | $\$ 138.8$ |
| Trading account assets | 87.7 |
| Derivative assets | 96.4 |
| Investment securities | 70.5 |
| Loans and leases | 55.9 |
| Intangible assets | 5.4 |
| Other assets | 195.3 |
| $\quad$ Total assets | $\$ 650.0$ |
| Liabilities |  |
| Deposits | 98.1 |
| Federal funds purchased and securities loaned or sold under | 111.6 |
| agreements to repurchase | 18.1 |
| Trading account liabilities | 72.0 |
| Derivative liabilities | 37.9 |
| Commercial paper and other short-term borrowings | 99.5 |
| Accrued expenses and other liabilities | 188.9 |
| Long-term debt | 626.1 |
| Total liabilities | $\$ 23.9$ |
| Fair value of net assets acquired |  |

## Contingencies

The fair value of net assets acquired includes certain contingent liabilities that were recorded as of the acquisition date. Merrill Lynch has been named as a defendant in various pending legal actions and proceedings arising in connection with its activities as a global diversified financial services institution. Some of these legal actions and proceedings include claims for substantial compensatory and/or punitive damages or claims for indeterminate amounts of damages. Merrill Lynch is also involved in investigations and/or proceedings by governmental and self-regulatory agencies. Due to the number of variables and assumptions involved in assessing the possible outcome of these legal actions, sufficient information did not exist as of the acquisition date to reasonably estimate the fair value of these contingent liabilities. As such, these contingences have been measured in accordance with applicable accounting guidance which states that a loss is recognized when it is probable of occurring and the loss amount can be reasonably estimated. For further information, see Note 14 - Commitments and Contingencies.

## Merger and Restructuring Charges and Reserves

Merger and restructuring charges are recorded in the Consolidated Statement of Income and include incremental costs to integrate the operations of the Corporation and its recent acquisitions. These charges represent costs associated with these one-time activities and do not represent ongoing costs of the fully integrated combined organization. On January 1, 2009, the Corporation adopted new accounting guidance on business combinations, on a prospective basis, that requires that acquisition-related transaction and restructuring costs be charged to expense as incurred. Previously, these expenses were recorded as an adjustment to goodwill.

The table below presents severance and employee-related charges, systems integrations and related charges, and other merger-related charges.

|  |  |  |  |
| :--- | ---: | ---: | ---: |
| (Dollars in millions) | $\mathbf{2 0 1 0}$ | 2009 | 2008 |
| Severance and employee-related charges | $\$ 455$ | $\$ 1,351$ | $\$ 138$ |
| Systems integrations and related charges | $\mathbf{1 , 1 3 7}$ | 1,155 | 640 |
| Other | $\mathbf{2 2 8}$ | 215 | 157 |
| Total merger and restructuring charges | $\$ 1,820$ | $\$ 2,721$ | $\$ 935$ |

Included for 2010 are merger-related charges of $\$ 1.6$ billion related to the Merrill Lynch acquisition and $\$ 202$ million related to the July 1, 2008 acquisition of Countrywide Financial Corporation (Countrywide). Included for 2009 are merger-related charges of $\$ 1.8$ billion related to the Merrill Lynch acquisition, $\$ 843$ million related to the Countrywide acquisition and $\$ 97$ million related to earlier acquisitions. Included for 2008 are merger-related charges of $\$ 205$ million related to the Countrywide acquisition and $\$ 730$ million related to earlier acquisitions.

During 2010, $\$ 1.6$ billion in merger-related charges for the Merrill Lynch acquisition included $\$ 426$ million for severance and other employee-related costs, $\$ 975$ million for systems integration costs and $\$ 217$ million in other merger-related costs. In 2009, the $\$ 1.8$ billion in merger-related charges for the Merrill Lynch acquisition included $\$ 1.2$ billion for severance and other employee-related costs, $\$ 480$ million for systems integration costs and $\$ 129$ million in other merger-related costs.

The table below presents the changes in exit cost and restructuring reserves for 2010 and 2009. Exit cost reserves were established in purchase accounting resulting in an increase in goodwill. Restructuring reserves are established by a charge to merger and restructuring charges, and the restructuring charges are included in the total merger and restructuring charges in the table above. Exit costs were not recorded in purchase accounting for the Merrill Lynch acquisition in accordance with new accounting guidance on business combinations which was effective January 1, 2009.

|  | Exit Cost Reserves |  | Restructuring Reserves |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 | 2010 | 2009 |
| Balance, January 1 | \$112 | \$ 523 | \$ 403 | \$ 86 |
| Exit costs and restructuring charges: |  |  |  |  |
| Merrill Lynch | n/a | n/a | 375 | 949 |
| Countrywide | (18) | - | 54 | 191 |
| Other | (9) | (24) | - | (6) |
| Cash payments and other | (70) | (387) | (496) | (817) |
| Balance, December 31 | \$ 15 | \$ 112 | \$ 336 | \$ 403 |

$n / a=$ not applicable
At December 31, 2009, there were $\$ 403$ million of restructuring reserves related to the Merrill Lynch and Countrywide acquisitions for severance and other employee-related costs. During 2010, $\$ 429$ million was added to the restructuring reserves related to severance and other employee-related costs primarily associated with the Merrill Lynch acquisition. Cash payments and other of $\$ 496$ million during 2010 were related to severance and other employee-related costs primarily associated with the Merrill Lynch acquisition. Payments associated with the Countrywide acquisition are expected to continue into 2011, while Merrill Lynch related payments are anticipated to continue into 2012. At December 31, 2010, restructuring reserves of \$336 million related principally to Merrill Lynch.

NOTE 3 Trading Account Assets and Liabilities
The table below presents the components of trading account assets and liabilities at December 31, 2010 and 2009.

|  | December 31 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| Trading account assets |  |  |
| U.S. government and agency securities ${ }^{(1)}$ | \$ 60,811 | \$ 44,585 |
| Corporate securities, trading loans and other | 49,352 | 57,009 |
| Equity securities | 32,129 | 33,562 |
| Non-U.S. sovereign debt | 33,523 | 28,143 |
| Mortgage trading loans and asset-backed securities | 18,856 | 18,907 |
| Total trading account assets | \$194,671 | \$182,206 |
| Trading account liabilities |  |  |
| U.S. government and agency securities | \$ 29,340 | \$ 26,519 |
| Equity securities | 15,482 | 18,407 |
| Non-U.S. sovereign debt | 15,813 | 12,897 |
| Corporate securities and other | 11,350 | 7,609 |
| Total trading account liabilities | \$ 71,985 | \$ 65,432 |

${ }^{(1)}$ Includes $\$ 29.7$ billion and $\$ 23.5$ billion at December 31, 2010 and 2009 of GSE obligations.

## NOTE 4 Derivatives

## Derivative Balances

Derivatives are entered into on behalf of customers, for trading, as economic hedges or as qualifying accounting hedges. The Corporation enters into derivatives to facilitate client transactions, for principal trading purposes and to manage risk exposures. For additional information on the Corporation's derivatives and hedging activities, see Note 1 - Summary of Significant

Accounting Principles. The table below identifies derivative instruments included on the Corporation's Consolidated Balance Sheet in derivative assets and liabilities at December 31, 2010 and 2009. Balances are presented on a gross basis, prior to the application of counterparty and collateral netting. Total derivative assets and liabilities are adjusted on an aggregate basis to take into consideration the effects of legally enforceable master netting agreements and have been reduced by the cash collateral applied.

|  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |

${ }^{(1)}$ Represents the total contract/notional amount of derivative assets and liabilities outstanding.
${ }^{(2)}$ Excludes $\$ 4.1$ billion of long-term debt designated as a hedge of foreign currency risk.

| (Dollars in billions) |  | December 31, 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Gross Derivative Assets |  |  | Gross Derivative Liabilities |  |  |
|  | Contract/ <br> Notional ${ }^{(1)}$ | Trading Derivatives and Economic Hedges | Qualifying Accounting Hedges ${ }^{(2)}$ | Total | Trading Derivatives and Economic Hedges | Qualifying Accounting Hedges | Total |
| Interest rate contracts |  |  |  |  |  |  |  |
| Swaps | \$45,261.5 | \$1,121.3 | \$ 5.6 | \$ 1,126.9 | \$1,105.0 | \$0.8 | \$ 1,105.8 |
| Futures and forwards | 11,842.1 | 7.1 | - | 7.1 | 6.1 | - | 6.1 |
| Written options | 2,865.5 | - | - | - | 84.1 | - | 84.1 |
| Purchased options | 2,626.7 | 84.1 | - | 84.1 | - | - | - |
| Foreign exchange contracts |  |  |  |  |  |  |  |
| Swaps | 661.9 | 23.7 | 4.6 | 28.3 | 27.3 | 0.5 | 27.8 |
| Spot, futures and forwards | 1,750.8 | 24.6 | 0.3 | 24.9 | 25.6 | 0.1 | 25.7 |
| Written options | 383.6 | - | - | - | 13.0 | - | 13.0 |
| Purchased options | 355.3 | 12.7 | - | 12.7 | - | - | - |
| Equity contracts |  |  |  |  |  |  |  |
| Swaps | 58.5 | 2.0 | - | 2.0 | 2.0 | - | 2.0 |
| Futures and forwards | 79.0 | 3.0 | - | 3.0 | 2.2 | - | 2.2 |
| Written options | 283.4 | - | - | - | 25.1 | 0.4 | 25.5 |
| Purchased options | 273.7 | 27.3 | - | 27.3 | - | - | - |
| Commodity contracts |  |  |  |  |  |  |  |
| Swaps | 65.3 | 6.9 | 0.1 | 7.0 | 6.8 | - | 6.8 |
| Futures and forwards | 387.8 | 10.4 | - | 10.4 | 9.6 | - | 9.6 |
| Written options | 54.9 | - | - | - | 7.9 | - | 7.9 |
| Purchased options | 50.9 | 7.6 | - | 7.6 | - | - | - |
| Credit derivatives |  |  |  |  |  |  |  |
| Purchased credit derivatives: |  |  |  |  |  |  |  |
| Credit default swaps | 2,800.5 | 105.5 | - | 105.5 | 45.2 | - | 45.2 |
| Total return swaps/other | 21.7 | 1.5 | - | 1.5 | 0.4 | - | 0.4 |
| Written credit derivatives: |  |  |  |  |  |  |  |
| Credit default swaps | 2,788.8 | 44.1 | - | 44.1 | 98.4 | - | 98.4 |
| Total return swaps/other | 33.1 | 1.8 | - | 1.8 | 1.1 | - | 1.1 |
| Gross derivative assets/liabilities |  | \$1,483.6 | \$10.6 | \$ 1,494.2 | \$1,459.8 | \$1.8 | \$ 1,461.6 |
| Less: Legally enforceable master netting agreements |  |  |  | $(1,355.1)$ |  |  | (1,355.1) |
| Less: Cash collateral applied |  |  |  | (51.5) |  |  | (55.8) |
| Total derivative assets/liabilities |  |  |  | \$ 87.6 |  |  | \$ 50.7 |

${ }^{(1)}$ Represents the total contract/notional amount of derivative assets and liabilities outstanding.
${ }^{(2)}$ Excludes $\$ 4.4$ billion of long.term debt designated as a hedge of foreign currency risk.

## ALM and Risk Management Derivatives

The Corporation's ALM and risk management activities include the use of derivatives to mitigate risk to the Corporation including both derivatives that are designated as hedging instruments and economic hedges. Interest rate, commodity, credit and foreign exchange contracts are utilized in the Corporation's ALM and risk management activities.

The Corporation maintains an overall interest rate risk management strategy that incorporates the use of interest rate contracts, which are generally non-leveraged generic interest rate and basis swaps, options, futures, and forwards, to minimize significant fluctuations in earnings that are caused by interest rate volatility. The Corporation's goal is to manage interest rate sensitivity so that movements in interest rates do not significantly adversely affect earnings. As a result of interest rate fluctuations, hedged fixed-rate assets and liabilities appreciate or depreciate in fair value. Gains or losses on the derivative instruments that are linked to the hedged fixed-rate assets and liabilities are expected to substantially offset this unrealized appreciation or depreciation.

Interest rate and market risk can be substantial in the mortgage business. Market risk is the risk that values of mortgage assets or revenues will be adversely affected by changes in market conditions such as interest rate movements. To hedge interest rate risk in mortgage banking production income, the Corporation utilizes forward loan sale commitments and other derivative instruments including purchased options. The Corporation also utilizes derivatives such as interest rate options, interest rate swaps, forward
settlement contracts and euro-dollar futures as economic hedges of the fair value of MSRs. For additional information on MSRs, see Note 25 - Mortgage Servicing Rights.

The Corporation uses foreign currency contracts to manage the foreign exchange risk associated with certain foreign currency-denominated assets and liabilities, as well as the Corporation's investments in non-U.S. subsidiaries. Foreign exchange contracts, which include spot and forward contracts, represent agreements to exchange the currency of one country for the currency of another country at an agreed-upon price on an agreed-upon settlement date. Exposure to loss on these contracts will increase or decrease over their respective lives as currency exchange and interest rates fluctuate.

The Corporation enters into derivative commodity contracts such as futures, swaps, options and forwards as well as non-derivative commodity contracts to provide price risk management services to customers or to manage price risk associated with its physical and financial commodity positions. The non-derivative commodity contracts and physical inventories of commodities expose the Corporation to earnings volatility. Cash flow and fair value accounting hedges provide a method to mitigate a portion of this earnings volatility.

The Corporation purchases credit derivatives to manage credit risk related to certain funded and unfunded credit exposures. Credit derivatives include credit default swaps, total return swaps and swaptions. These derivatives are
accounted for as economic hedges and changes in fair value are recorded in other income (loss).

## Derivatives Designated as Accounting Hedges

The Corporation uses various types of interest rate, commodity and foreign exchange derivative contracts to protect against changes in the fair value of its assets and liabilities due to fluctuations in interest rates, exchange rates and commodity prices (fair value hedges). The Corporation also uses these
types of contracts and equity derivatives to protect against changes in the cash flows of its assets and liabilities, and other forecasted transactions (cash flow hedges). The Corporation hedges its net investment in consolidated non-U.S. operations determined to have functional currencies other than the U.S. dollar using forward exchange contracts, cross-currency basis swaps, and by issuing foreign currency-denominated debt (net investment hedges).

## Fair Value Hedges

The table below summarizes certain information related to the Corporation's derivatives designated as fair value hedges for 2010, 2009 and 2008.

|  | 2010 |  |  |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) | Derivative | Hedged Item | Hedge Ineffectiveness |
| Derivatives designated as fair value hedges |  |  |  |
| Interest rate risk on long-term debt ${ }^{(1)}$ | \$ 2,952 | \$(3,496) | \$ (544) |
| Interest rate and foreign currency risk on long-term debt ${ }^{(1)}$ | (463) | 130 | (333) |
| Interest rate risk on available-for-sale securities ${ }^{(2,3)}$ | $(2,577)$ | 2,667 | 90 |
| Commodity price risk on commodity inventory ${ }^{(4)}$ | 19 | (19) | - |
| Total | \$ (69) | \$ (718) | \$ (787) |
|  |  | 2009 |  |
| Derivatives designated as fair value hedges |  |  |  |
| Interest rate risk on long-term debt ${ }^{(1)}$ | \$(4,858) | \$ 4,082 | \$ (776) |
| Interest rate and foreign currency risk on long-term debt ${ }^{(1)}$ | 932 | (858) | 74 |
| Interest rate risk on available-for-sale securities ${ }^{(2,3)}$ | 791 | $(1,141)$ | (350) |
| Commodity price risk on commodity inventory ${ }^{(4)}$ | (51) | 51 | - |
| Total | \$(3,186) | \$ 2,134 | \$(1,052) |
|  |  | 2008 |  |
| Derivatives designated as fair value hedges |  |  |  |
| Interest rate risk on long-term debt ${ }^{(1)}$ | \$ 4,340 | \$(4,143) | \$ 197 |
| Interest rate and foreign currency risk on long-term debt ${ }^{(1)}$ | 294 | (444) | (150) |
| Interest rate risk on available-for-sale securities ${ }^{(2)}$ | 32 | (51) | (19) |
| Total | \$ 4,666 | \$(4,638) | \$ 28 |

${ }^{(1)}$ Amounts are recorded in interest expense on long-term debt.
${ }^{(2)}$ Amounts are recorded in interest income on AFS securities.
 coupon receipt on the AFS security that is recognized in interest income on securities.
${ }^{(4)}$ Amounts are recorded in trading account profits.

## Cash Flow Hedges

The table below summarizes certain information related to the Corporation's derivatives designated as cash flow hedges and net investment hedges for 2010, 2009 and 2008. During the next 12 months, net losses in accumulated 0 Cl of approximately $\$ 1.8$ billion ( $\$ 1.1$ billion after-tax) on derivative instruments that qualify as cash flow hedges are expected to be reclassified into earnings. These net losses reclassified into earnings are expected to primarily reduce net interest income related to the respective hedged items.

Amounts related to interest rate risk on variable rate portfolios reclassified from accumulated OCI increased interest income on assets by $\$ 144$ million in 2010, reduced interest income on assets by $\$ 189$ million and $\$ 156$ million in 2009 and 2008 and increased interest expense on liabilities by $\$ 554$ million, $\$ 1.1$ billion and $\$ 1.1$ billion in 2010, 2009 and 2008, respectively. Amounts reclassified from accumulated 0 Cl exclude amounts related to derivative interest accruals which increased interest expense by $\$ 88$ million and increased interest income by $\$ 160$ million for 2010 and

2009, and increased interest expense by $\$ 73$ million for 2008. Hedge ineffectiveness of $\$(14)$ million, $\$ 73$ million and $\$(11)$ million was recorded in interest income, and \$(16) million, \$(2) million and \$4 million was recorded in interest expense in 2010, 2009 and 2008.

Amounts related to commodity price risk reclassified from accumulated OCl are recorded in trading account profits (losses) with the underlying hedged item. Amounts related to price risk on restricted stock awards reclassified from accumulated OCl are recorded in personnel expense. Amounts related to price risk on equity investments included in AFS securities reclassified from accumulated OCl are recorded in equity investment income with the underlying hedged item.

Amounts related to foreign exchange risk recognized in accumulated OCl on derivatives exclude gains of $\$ 192$ million related to long-term debt designated as a net investment hedge for 2010 compared to losses of $\$ 387$ million for 2009 and \$0 for 2008.

|  |  |  | 2010 |  |
| :--- | ---: | ---: | ---: | ---: |

${ }^{(1)}$ Gains (losses).
${ }^{(2)}$ Amounts related to derivatives designated as cash flow hedges represent hedge ineffectiveness and amounts related to net investment hedges represent amounts excluded from effectiveness testing.

The Corporation entered into equity total return swaps to hedge a portion of cash-settled restricted stock units (RSUs) granted to certain employees in February 2010 as part of their 2009 compensation. These cash-settled RSUs are accrued as liabilities over the vesting period and adjusted to fair value based on changes in the share price of the Corporation's common stock. From time to time, the Corporation may enter into equity derivatives to minimize the change in the expense to the Corporation driven by fluctuations in the share price of the Corporation's common stock during the vesting period of any RSUs that may be granted from time to time, if any, subject to similar or other terms and conditions. Certain of these derivatives are designated as cash flow hedges of unrecognized non-vested awards with the changes in fair value of the hedge recorded in accumulated OCl and reclassified into earnings in the
same period as the RSUs affect earnings. The remaining derivatives are accounted for as economic hedges and changes in fair value are recorded in personnel expense. For more information on restricted stock units and related hedges, see Note 20 - Stock-Based Compensation Plans.

## Economic Hedges

Derivatives designated as economic hedges, because either they did not qualify for or were not designated as accounting hedges, are used by the Corporation to reduce certain risk exposures. The table below presents gains (losses) on these derivatives for 2010, 2009 and 2008. These gains (losses) are largely offset by the income or expense that is recorded on the economically hedged item.
(Dollars in millions)
Price risk on mortgage banking production income ${ }^{(1,2)}$
Interest rate risk on mortgage banking servicing income ${ }^{(1)}$
Credit risk on loans ${ }^{(3)}$
Interest rate and foreign currency risk on long-term debt and other foreign exchange transactions ${ }^{(4)}$ Other ${ }^{(5)}$

Total

| 2010 | 2009 | 2008 |
| ---: | ---: | ---: |
| $\$ 9,109$ | $\$ 8,898$ | $\$ 892$ |
| 3,878 | $(4,264)$ | 8,052 |
| $(119)$ | $(698)$ | 309 |
| $(2,080)$ | 1,572 | $(1,316)$ |
| $(109)$ | 16 | 34 |
| $\$ 10,679$ | $\$ 5,524$ | $\$ 7,971$ |

${ }^{(1)}$ Gains (losses) on these derivatives are recorded in mortgage banking income.
${ }^{(2)}$ Includes gains on interest rate lock commitments related to the origination of mortgage loans that are held-for-sale, which are considered derivative instruments, of $\$ 8.7$ billion, $\$ 8.4$ billion and $\$ 1.6$ billion for 2010,2009 and 2008 , respectively.
${ }^{\text {(3) }}$ Gains (losses) on these derivatives are recorded in other income (loss).
${ }^{(4)}$ The majority of the balance is related to the revaluation of economic hedges on foreign currency-denominated debt which is recorded in other income (loss).
${ }^{(5)}$ Gains (losses) on these derivatives are recorded in other income (loss), and for 2010, also in personnel expense for hedges of certain RSUs.

## Sales and Trading Revenue

The Corporation enters into trading derivatives to facilitate client transactions, for principal trading purposes, and to manage risk exposures arising from trading account assets and liabilities. It is the Corporation's policy to include these derivative instruments in its trading activities which include derivatives and non-derivative cash instruments. The resulting risk from these derivatives is managed on a portfolio basis as part of the Corporation's GBAM business segment. The related sales and trading revenue generated within GBAM is
recorded on various income statement line items including trading account profits (losses) and net interest income as well as other revenue categories. However, the vast majority of income related to derivative instruments is recorded in trading account profits (losses). The table below identifies the amounts in the respective income statement line items attributable to the Corporation's sales and trading revenue categorized by primary risk for 2010, 2009 and 2008.

|  | 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Trading Account Profits (Losses) | Other Revenues | Net Interest Income | Total |
| Interest rate risk | \$ 2,004 | \$ 113 | \$ 624 | \$ 2,741 |
| Foreign exchange risk | 903 | 3 | - | 906 |
| Equity risk | 1,670 | 2,506 | 21 | 4,197 |
| Credit risk | 4,791 | 617 | 3,652 | 9,060 |
| Other risk | 228 | 39 | (142) | 125 |
| Total sales and trading revenue | \$ 9,596 | \$ 3,278 | \$4,155 | \$ 17,029 |


|  |  |  |
| :--- | ---: | ---: | ---: |
|  |  |  |
|  |  |  |
|  |  |  |


|  | 2008 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Interest rate risk | \$ 1,083 | \$ 47 | \$ 276 | \$ 1,406 |
| Foreign exchange risk | 1,320 | 6 | 13 | 1,339 |
| Equity risk | (66) | 686 | 99 | 719 |
| Credit risk | $(8,276)$ | $(6,881)$ | 4,380 | $(10,777)$ |
| Other risk | 130 | 58 | (14) | 174 |
| Total sales and trading revenue | \$ $(5,809)$ | \$(6,084) | \$4,754 | \$ $(7,139)$ |

${ }^{(1)}$ Represents investment and brokerage services and other income recorded in GBAM that the Corporation includes in its definition of sales and trading revenue.

## Credit Derivatives

The Corporation enters into credit derivatives primarily to facilitate client transactions and to manage credit risk exposures. Credit derivatives derive value based on an underlying third party-referenced obligation or a portfolio of referenced obligations and generally require the Corporation as the seller of credit protection to make payments to a buyer upon the occurrence of a predefined credit event. Such credit events generally include bankruptcy of the
referenced credit entity and failure to pay under the obligation, as well as acceleration of indebtedness and payment repudiation or moratorium. For credit derivatives based on a portfolio of referenced credits or credit indices, the Corporation may not be required to make payment until a specified amount of loss has occurred and/or may only be required to make payment up to a specified amount.

Credit derivative instruments in which the Corporation is the seller of credit protection and their expiration at December 31, 2010 and 2009 are summarized below. These instruments are classified as investment and non-
investment grade based on the credit quality of the underlying reference obligation. The Corporation considers ratings of BBB- or higher as investmentgrade. Non-investment grade includes non-rated credit derivative instruments.


|  | December 31, 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Carrying Value |  |  |  |  |  |
|  | Less than One Year | One to <br> Three Years | Three to Five Years | Over Five Years | Total |  |
| Credit default swaps: Investment grade Non-investment grade | $\begin{array}{r} \$ 454 \\ 1,342 \end{array}$ | $\begin{array}{r} 5,795 \\ 14,012 \end{array}$ | $\begin{array}{r} \text { 5,831 } \\ 16,081 \end{array}$ | $\begin{array}{r} \$ 24,586 \\ 30,274 \end{array}$ | \$ | $\begin{aligned} & 36,666 \\ & 61,709 \end{aligned}$ |
| Total | 1,796 | 19,807 | 21,912 | 54,860 |  | 98,375 |
| Total return swaps/other: Investment grade Non-investment grade | 1 | 20 194 | 5 3 | 540 291 |  | 566 488 |
| Total | 1 | 214 | 8 | 831 |  | 1,054 |
| Total credit derivatives | \$ 1,797 | \$ 20,021 | \$ 21,920 | \$ 55,691 | \$ | 99,429 |


|  | Maximum Payout/Notional |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Credit default swaps: |  |  |  |  |  |
| Investment grade | \$147,501 | \$411,258 | \$596,103 | \$335,526 | \$1,490,388 |
| Non-investment grade | 123,907 | 417,834 | 399,896 | 356,735 | 1,298,372 |
| Total | 271,408 | 829,092 | 995,999 | 692,261 | 2,788,760 |
| Total return swaps/other: |  |  |  |  |  |
| Investment grade | 31 | 60 | 1,081 | 8,087 | 9,259 |
| Non-investment grade | 2,035 | 1,280 | 2,183 | 18,352 | 23,850 |
| Total | 2,066 | 1,340 | 3,264 | 26,439 | 33,109 |
| Total credit derivatives | \$273,474 | \$830,432 | \$999,263 | \$718,700 | \$2,821,869 |

[^8]The notional amount represents the maximum amount payable by the Corporation for most credit derivatives. However, the Corporation does not solely monitor its exposure to credit derivatives based on notional amount because this measure does not take into consideration the probability of occurrence. As such, the notional amount is not a reliable indicator of the Corporation's exposure to these contracts. Instead, a risk framework is used to define risk tolerances and establish limits to help ensure that certain credit risk-related losses occur within acceptable, predefined limits.

The Corporation economically hedges its market risk exposure to credit derivatives by entering into a variety of offsetting derivative contracts and security positions. For example, in certain instances, the Corporation may purchase credit protection with identical underlying referenced names to offset its exposure. The carrying amount and notional amount of written credit derivatives for which the Corporation held purchased credit derivatives with identical underlying referenced names and terms at December 31, 2010 was $\$ 43.7$ billion and $\$ 1.4$ trillion compared to $\$ 79.4$ billion and $\$ 2.3$ trillion at December 31, 2009.

Credit-related notes in the table on page 163 include investments in securities issued by CDOs, CLOs and credit-linked note vehicles. These instruments are classified as trading securities. The carrying value of these instruments equals the Corporation's maximum exposure to loss. The Corporation is not obligated to make any payments to the entities under the terms of the securities owned. The Corporation discloses internal categorizations (i.e., investment-grade, non-investment grade) consistent with how risk is managed for these instruments.

## Credit Risk Management of Derivatives and Credit-related Contingent Features

The Corporation executes the majority of its derivative contracts in the over-the-counter market with large, international financial institutions, including broker/dealers and, to a lesser degree, with a variety of non-financial companies. Substantially all of the derivative transactions are executed on a daily margin basis. Therefore, events such as a credit ratings downgrade (depending on the ultimate rating level) or a breach of credit covenants would typically require an increase in the amount of collateral required of the counterparty, where applicable, and/or allow the Corporation to take additional protective measures such as early termination of all trades. Further, as previously described on page 157, the Corporation enters into legally enforceable master netting agreements which reduce risk by permitting the closeout and netting of transactions with the same counterparty upon the occurrence of certain events.

Substantially all of the Corporation's derivative contracts contain credit risk-related contingent features, primarily in the form of International Swaps and Derivatives Association, Inc. (ISDA) master agreements that enhance the creditworthiness of these instruments compared to other obligations of the
respective counterparty with whom the Corporation has transacted (e.g., other debt or equity). These contingent features may be for the benefit of the Corporation as well as its counterparties with respect to changes in the Corporation's creditworthiness. At December 31, 2010 and 2009, the Corporation held cash and securities collateral of $\$ 76.0$ billion and $\$ 67.7$ billion, and posted cash and securities collateral of $\$ 61.2$ billion and $\$ 62.2$ billion in the normal course of business under derivative agreements.

In connection with certain over-the-counter derivative contracts and other trading agreements, the Corporation could be required to provide additional collateral or to terminate transactions with certain counterparties in the event of a downgrade of the senior debt ratings of Bank of America Corporation and its subsidiaries. The amount of additional collateral required depends on the contract and is usually a fixed incremental amount and/or the market value of the exposure. At December 31, 2010 and 2009, the amount of additional collateral and termination payments that would have been required for such derivatives and trading agreements was approximately $\$ 1.2$ billion and $\$ 2.1$ billion if the long-term credit rating of the Corporation was incrementally downgraded by one level by all ratings agencies. At December 31, 2010 and 2009, a second incremental one level downgrade by the ratings agencies would have required approximately $\$ 1.1$ billion and $\$ 1.2$ billion in additional collateral and termination payments.

The Corporation records counterparty credit risk valuation adjustments on derivative assets in order to properly reflect the credit quality of the counterparty. These adjustments are necessary as the market quotes on derivatives do not fully reflect the credit risk of the counterparties to the derivative assets. The Corporation considers collateral and legally enforceable master netting agreements that mitigate its credit exposure to each counterparty in determining the counterparty credit risk valuation adjustment. All or a portion of these counterparty credit risk valuation adjustments can be reversed or otherwise adjusted in future periods due to changes in the value of the derivative contract, collateral and creditworthiness of the counterparty. During 2010 and 2009, credit valuation gains (losses) of $\$ 731$ million and $\$ 3.1$ billion (\$(8) million and $\$ 1.7$ billion, net of hedges) for counterparty credit risk related to derivative assets were recognized in trading account profits (losses). At December 31, 2010 and 2009, the cumulative counterparty credit risk valuation adjustment reduced the derivative assets balance by $\$ 6.8$ billion and $\$ 7.9$ billion.

In addition, the fair value of the Corporation's or its subsidiaries' derivative liabilities is adjusted to reflect the impact of the Corporation's credit quality. During 2010 and 2009, credit valuation gains (losses) of $\$ 331$ million and $\$(662)$ million (\$262 million and $\$(662)$ million, net of hedges) were recognized in trading account profits (losses) for changes in the Corporation's or its subsidiaries' credit risk. At December 31, 2010 and 2009, the Corporation's cumulative credit risk valuation adjustment reduced the derivative liabilities balance by $\$ 1.1$ billion and $\$ 732$ million.

## NOTE 5 Securities

The table below presents the amortized cost, gross unrealized gains and losses in accumulated OCI, and fair value of AFS debt and marketable equity securities at December 31, 2010 and 2009.

| (Dollars in millions) | Amortized Cost | Unrealized Gains | Unrealized Losses | Fair Value |
| :---: | :---: | :---: | :---: | :---: |
| Available-for-sale debt securities, December 31, 2010 |  |  |  |  |
| U.S. Treasury and agency securities | \$ 49,413 | \$ 604 | \$ (912) | \$ 49,105 |
| Mortgage-backed securities: |  |  |  |  |
| Agency | 190,409 | 3,048 | $(2,240)$ | 191,217 |
| Agency collateralized mortgage obligations | 36,639 | 401 | (23) | 37,017 |
| Non-agency residential ${ }^{(1)}$ | 23,458 | 588 | (929) | 23,117 |
| Non-agency commercial | 6,167 | 686 | (1) | 6,852 |
| Non-U.S. securities | 4,054 | 92 | (7) | 4,139 |
| Corporate bonds | 5,157 | 144 | (10) | 5,291 |
| Other taxable securities, substantially all ABS | 15,514 | 39 | (161) | 15,392 |
| Total taxable securities | 330,811 | 5,602 | $(4,283)$ | 332,130 |
| Tax-exempt securities | 5,687 | 32 | (222) | 5,497 |
| Total available-for-sale debt securities | \$336,498 | \$ 5,634 | \$(4,505) | \$337,627 |
| Held-to-maturity debt securities | 427 | - | - | 427 |
| Total debt securities | \$336,925 | \$ 5,634 | \$(4,505) | \$338,054 |
| Available-for-sale marketable equity securities ${ }^{(2)}$ | \$ 8,650 | \$10,628 | \$ (13) | \$ 19,265 |
| Available-for-sale debt securities, December 31, 2009 |  |  |  |  |
| U.S. Treasury and agency securities | \$ 22,648 | \$ 414 | \$ (37) | \$ 23,025 |
| Mortgage-backed securities: |  |  |  |  |
| Agency | 164,677 | 2,415 | (846) | 166,246 |
| Agency collateralized mortgage obligations | 25,330 | 464 | (13) | 25,781 |
| Non-agency residential ${ }^{(1)}$ | 37,940 | 1,191 | $(4,028)$ | 35,103 |
| Non-agency commercial | 6,354 | 671 | (116) | 6,909 |
| Non-U.S. securities | 4,732 | 61 | (896) | 3,897 |
| Corporate bonds | 6,136 | 182 | (126) | 6,192 |
| Other taxable securities, substantially all ABS | 25,469 | 260 | (478) | 25,251 |
| Total taxable securities | 293,286 | 5,658 | $(6,540)$ | 292,404 |
| Tax-exempt securities | 9,340 | 100 | (243) | 9,197 |
| Total available-for-sale debt securities | \$302,626 | \$ 5,758 | \$(6,783) | \$301,601 |
| Held-to-maturity debt securities | 9,800 | - | (100) | 9,700 |
| Total debt securities | \$312,426 | \$ 5,758 | \$(6,883) | \$311,301 |
| Available-for-sale marketable equity securities ${ }^{(2)}$ | \$ 6,020 | \$ 3,895 | \$ (507) | \$ 9,408 |

 five percent subprime bonds.
${ }^{(2)}$ Classified in other assets on the Corporation's Consolidated Balance Sheet.

At December 31, 2010, the accumulated net unrealized gains on AFS debt securities included in accumulated 0 Cl were $\$ 714$ million, net of the related income tax expense of $\$ 415$ million. At December 31, 2010 and 2009, the Corporation had nonperforming AFS debt securities of $\$ 44$ million and \$467 million.

At December 31, 2010, both the amortized cost and fair value of HTM debt securities were $\$ 427$ million. At December 31, 2009, the amortized cost and fair value of HTM debt securities were $\$ 9.8$ billion and $\$ 9.7$ billion, which included ABS that were issued by the Corporation's credit card securitization trust and retained by the Corporation with an amortized cost of $\$ 6.6$ billion
and a fair value of $\$ 6.4$ billion. As a result of the adoption of new consolidation guidance, the Corporation consolidated the credit card securitization trusts on January 1, 2010 and the ABS were eliminated in consolidation and the related consumer credit card loans were included in loans and leases on the Corporation's Consolidated Balance Sheet. Additionally, during the three months ended June 30, 2010, $\$ 2.9$ billion of debt securities held in consolidated commercial paper conduits was reclassified from HTM to AFS as a result of new regulatory capital requirements related to asset-backed commercial paper conduits.

The Corporation recorded OTTI losses on AFS debt securities as presented in the table below in 2010 and 2009. Upon initial impairment of a security, total OTTI losses represent the excess of the amortized cost over the fair value. For subsequent impairments of the same security, total OTTI losses represent additional declines in fair value subsequent to the previously recorded OTTI loss(es), if applicable. Unrealized OTTI losses recognized in accumulated OCI represent the non-credit component of OTTI losses on AFS
debt securities. Net impairment losses recognized in earnings represent the credit component of OTTI losses on AFS debt securities. In 2010, for certain securities, the Corporation recognized credit losses in excess of unrealized losses in accumulated OCI. In these instances, a portion of the credit losses recognized in earnings has been offset by an unrealized gain. Balances in the table exclude $\$ 51$ million and $\$ 582$ million of gross gains recorded in accumulated OCI related to these securities for 2010 and 2009.

|  | 2010 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-agency Residential MBS | Non-agency Commercial MBS | Non-U.S. Securities | Corporate Bonds |  | Total |
| Total 0 0 Il losses (unrealized and realized) | \$(1,305) | \$(19) | \$(276) | \$ (6) | \$(568) | \$(2,174) |
| Unrealized OTT। losses recognized in accumulated OCl | 817 | 15 | 16 | 2 | 357 | 1,207 |
| Net impairment losses recognized in earnings | \$ (488) | \$ (4) | \$(260) | \$ (4) | \$(211) | \$ (967) |


|  | 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total 0TT। losses (unrealized and realized) | \$(2,240) | \$ (6) | \$(360) | \$(87) | \$(815) | \$(3,508) |
| Unrealized OTI losses recognized in accumulated OCl | 672 | - | - | - | - | 672 |
| Net impairment losses recognized in earnings | \$(1,568) | \$ (6) | \$(360) | \$(87) | \$(815) | \$(2,836) |

The table below presents activity for 2010 and 2009 related to the credit component recognized in earnings on debt securities held by the Corporation for which a portion of the OTTI loss remains in accumulated OCI. At December 31, 2010, those debt securities with OTI for which a portion of the 0TTI loss remains in accumulated OCl primarily consisted of non-agency residential mortgage-backed securities (RMBS) and CDOs.

| (Dollars in millions) | 2010 | 2009 |
| :---: | :---: | :---: |
| Balance, January 1 | \$ 442 | \$ - |
| Credit component of other-than-temporary impairment not reclassified to accumulated OCl in connection with the cumulative effect transition adjustment ${ }^{(1)}$ | - | 22 |
| Additions for the credit component on debt securities on which other-than-temporary impairment losses were not previously recognized ${ }^{(2)}$ | 207 | 420 |
| Additions for the credit component on debt securities on which other-than-temporary impairment losses were previously recognized ${ }^{(2)}$ | 406 | - |
| Balance, December 31 | \$1,055 | \$442 |

${ }^{(1)}$ On January 1, 2009, the Corporation had securities with $\$ 134$ million of 0TT। previously recognized in earnings of which $\$ 22$ million represented the credit component and $\$ 112$ million represented the non-credit component which was reclassified to accumulated OCI through a cumulative effect transition adjustment.
${ }^{(2)}$ In 2010 and 2009, the Corporation recognized $\$ 354$ million and $\$ 2.4$ billion of 0 TI। losses on debt securities on which no portion of $0 T \mathrm{I}$ loss remained in accumulated OCI. OTT। losses related to these securities are excluded from these amounts.

The Corporation estimates the portion of loss attributable to credit using a discounted cash flow model and estimates the expected cash flows of the underlying collateral using internal credit, interest rate and prepayment risk models that incorporate management's best estimate of current key assumptions such as default rates, loss severity and prepayment rates. Assumptions
used can vary widely from loan to loan and are influenced by such factors as loan interest rate, geographical location of the borrower, borrower characteristics and collateral type. The Corporation then uses a third-party vendor to determine how the underlying collateral cash flows will be distributed to each security issued from the structure. Expected principal and interest cash flows on an impaired debt security are discounted using the book yield of each individual impaired debt security.

Based on the expected cash flows derived from the applicable model, the Corporation expects to recover the unrealized losses in accumulated OCl on non-agency RMBS. Annual constant prepayment speed and loss severity rates are projected considering collateral characteristics such as LTV, creditworthiness of borrowers (FICO) and geographic concentrations. The weighted-average severity by collateral type was 41 percent for prime bonds, 48 percent for Alt-A bonds and 53 percent for subprime bonds. Additionally, default rates are projected by considering collateral characteristics including, but not limited to LTV, FICO and geographic concentration. Weighted-average life default rates by collateral type were 38 percent for prime bonds, 58 percent for Alt-A bonds and 62 percent for subprime bonds.

Significant assumptions used in the valuation of non-agency RMBS at December 31, 2010 are presented in the table below.

|  | Range $^{(1)}$ |  |  |
| :--- | :---: | :---: | :---: |
|  | Weighted-average | $10^{\text {th }}$ Percentile $^{(2)}$ | $90^{\text {th }}$ Percentile $^{(2)}$ |
| Prepayment speed | $12.6 \%$ | $3.0 \%$ | $27.1 \%$ |
| Loss severity | 46.2 | 17.7 | 57.9 |
| Life default rate | 49.1 | 2.2 | 99.1 |

[^9]The table below presents the current fair value and the associated gross unrealized losses on investments in securities with gross unrealized losses at December 31, 2010 and 2009, and whether these securities have had gross unrealized losses for less than twelve months or for twelve months or longer.

|  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |

${ }^{(1)}$ Includes other-than-temporarily impaired AFS debt securities on which a portion of the OTTI loss remains in OCI.
 by $\$ 7.3$ billion.

The Corporation considers the length of time and extent to which the fair value of AFS debt securities has been less than cost to conclude that such securities were not other-than-temporarily impaired. The Corporation also considers other factors such as the financial condition of the issuer of the security including credit ratings and specific events affecting the operations of the issuer, underlying assets that collateralize the debt security, and other
industry and macroeconomic conditions. As the Corporation has no intent to sell securities with unrealized losses and it is not more-likely-than-not that the Corporation will be required to sell these securities before recovery of amortized cost, the Corporation has concluded that the securities are not impaired on an other-than-temporary basis.

The amortized cost and fair value of the Corporation's investment in AFS debt securities from Fannie Mae (FNMA), the Government National Mortgage Association (GNMA), Freddie Mac (FHLMC) and U.S. Treasury securities where the investment exceeded 10 percent of consolidated shareholders' equity at December 31, 2010 and 2009 are presented in the table below.

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  |
|  | Amortized |  | Amortized |  |
| (Dollars in millions) | Cost | Fair Value | Cost | Fair Value |
| Fannie Mae | \$123,662 | \$123,107 | \$100,321 | \$101,096 |
| Government National Mortgage Association | 72,863 | 74,305 | 60,610 | 61,121 |
| Freddie Mac | 30,523 | 30,822 | 29,076 | 29,810 |
| U.S. Treasury securities ${ }^{(1)}$ | 46,576 | 46,081 | 19,315 | 19,516 |

${ }^{(1)}$ Investments in U.S. Treasury securities did not exceed 10 percent of consolidated shareholders' equity at December 31, 2009.

The expected maturity distribution of the Corporation's MBS and the contractual maturity distribution of the Corporation's other AFS debt securities, and the yields on the Corporation's AFS debt securities portfolio at

December 31, 2010 are summarized in the table below. Actual maturities may differ from the contractual or expected maturities since borrowers may have the right to prepay obligations with or without prepayment penalties.

| (Dollars in millions) | December 31, 2010 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Due in One Year or Less |  | Due after One Year through Five Years |  | Due after Five Years through Ten Years |  | Due after Ten Years |  | Total |  |
|  | Amount | Yield ${ }^{(1)}$ | Amount | Yield ${ }^{(1)}$ | Amount | Yield ${ }^{(1)}$ | Amount | Yield ${ }^{(1)}$ | Amount | Yield ${ }^{(1)}$ |
| Amortized cost of AFS debt securities |  |  |  |  |  |  |  |  |  |  |
| U.S. Treasury and agency securities | \$ 643 | 5.00\% | \$ 1,731 | 2.30\% | \$ 12,318 | 3.50\% | \$ 34,721 | 4.20\% | \$ 49,413 | 4.00\% |
| Mortgage-backed securities: |  |  |  |  |  |  |  |  |  |  |
| Agency | 34 | 4.80 | 88,913 | 4.30 | 70,789 | 3.80 | 30,673 | 3.90 | 190,409 | 4.10 |
| Agency-collateralized mortgage obligations | 29 | 0.80 | 13,279 | 2.80 | 13,738 | 0.20 | 9,593 | 2.30 | 36,639 | 3.20 |
| Non-agency residential | 178 | 12.50 | 4,241 | 7.40 | 1,746 | 5.60 | 17,293 | 4.20 | 23,458 | 4.90 |
| Non-agency commercial | 439 | 5.20 | 4,960 | 6.30 | 441 | 9.80 | 327 | 6.70 | 6,167 | 6.50 |
| Non-U.S. securities | 1,852 | 0.80 | 2,076 | 5.40 | 126 | 3.50 | - |  | 4,054 | 5.30 |
| Corporate bonds | 133 | 1.20 | 3,847 | 2.30 | 1,114 | 3.70 | 63 | 2.20 | 5,157 | 2.60 |
| Other taxable securities | 6,129 | 0.90 | 3,875 | 1.20 | 118 | 11.20 | 5,392 | 3.80 | 15,514 | 2.09 |
| Total taxable securities | 9,437 | 1.62 | 122,922 | 4.16 | 100,390 | 3.35 | 98,062 | 3.91 | 330,811 | 3.98 |
| Tax-exempt securities | 193 | 4.10 | 912 | 4.30 | 1,408 | 3.80 | 3,174 | 4.60 | 5,687 | 4.35 |
| Total amortized cost of AFS debt securities | \$9,630 | 1.72 | \$123,834 | 4.16 | \$101,798 | 3.36 | \$101,236 | 3.93 | \$336,498 | 3.99 |
| Fair value of AFS debt securities |  |  |  |  |  |  |  |  |  |  |
| U.S. Treasury and agency securities | \$ 646 |  | \$ 1,769 |  | \$ 12,605 |  | \$ 34,085 |  | \$ 49,105 |  |
| Mortgage-backed securities: |  |  |  |  |  |  |  |  |  |  |
| Agency | 36 |  | 90,967 |  | 70,031 |  | 30,183 |  | 191,217 |  |
| Agency-collateralized mortgage obligations | 22 |  | 13,402 |  | 13,920 |  | 9,673 |  | 37,017 |  |
| Non-agency residential | 158 |  | 4,149 |  | 1,739 |  | 17,071 |  | 23,117 |  |
| Non-agency commercial | 448 |  | 5,498 |  | 543 |  | 363 |  | 6,852 |  |
| Non-U.S. securities | 1,868 |  | 2,140 |  | 131 |  | - |  | 4,139 |  |
| Corporate bonds | 136 |  | 3,929 |  | 1,162 |  | 64 |  | 5,291 |  |
| Other taxable securities | 6,132 |  | 3,863 |  | 118 |  | 5,279 |  | 15,392 |  |
| Total taxable securities | 9,446 |  | 125,717 |  | 100,249 |  | 96,718 |  | 332,130 |  |
| Tax-exempt securities | 193 |  | 923 |  | 1,408 |  | 2,973 |  | 5,497 |  |
| Total fair value of AFS debt securities | \$9,639 |  | \$126,640 |  | \$101,657 |  | \$ 99,691 |  | \$337,627 |  |

${ }^{(1)}$ Yields are calculated based on the amortized cost of the securities.

The components of realized gains and losses on sales of debt securities for 2010, 2009 and 2008 are presented in the table below.

|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 | 2008 |  |
| Gross gains | $\$ 3,995$ | $\$ 5,047$ | $\$ 1,367$ |  |
| Gross losses | $(1,469)$ | $(324)$ | $(243)$ |  |
| Net gains on sales of debt securities | $\$ 2,526$ | $\$ 4,723$ | $\$ 1,124$ |  |
| Income tax expense attributable to realized net gains <br> on sales of debt securities | $\$ 035$ | $\$ 1,748$ | $\$$ | 416 |

During 2010, the Corporation entered into a series of transactions in its AFS debt securities portfolio that involved securitizations as well as sales of non-agency RMBS. These transactions were initiated following a review of corporate risk objectives in light of proposed Basel regulatory capital changes and liquidity targets. During 2010, the carrying value of the non-agency RMBS portfolio was reduced $\$ 14.5$ billion primarily as a result of the aforementioned sales and securitizations as well as paydowns. The Corporation recognized net losses of $\$ 922$ million on the series of transactions in the AFS debt securities portfolio, and improved the overall credit quality of the remaining portfolio such that the percentage of the non-agency RMBS portfolio that is below investment-grade was reduced significantly.

## Certain Corporate and Strategic Investments

At December 31, 2010 and 2009, the Corporation owned 25.6 billion shares representing approximately 10 and 11 percent of China Construction Bank (CCB). During 2010, the Corporation sold its rights to participate in CCB's secondary offering resulting in a pre-tax gain of $\$ 432$ million recorded in equity investment income. During 2009, the Corporation sold its initial investment of 19.1 billion common shares in CCB for a pre-tax gain of $\$ 7.3$ billion. During 2010, the Corporation recorded in accumulated OCl a $\$ 6.7$ billion after-tax unrealized gain on 23.6 billion shares of the Corporation's investment in CCB, which previously had been carried at cost. These shares were reclassified to AFS during 2010 because the sales restrictions on these shares expire within one year (August 2011), and therefore, in accordance with applicable accounting guidance, the Corporation recorded the unrealized gain in accumulated OCI, net of a 10 percent restriction discount. Sales restrictions on the remaining two billion CCB shares continue until August 2013, and these shares continue to be carried at cost. At December 31, 2010, the cost basis of all remaining CCB shares was $\$ 9.2$ billion, the carrying value was $\$ 19.7$ billion and the fair value was $\$ 20.8$ billion. At December 31, 2009, both the cost basis and the carrying value were $\$ 9.2$ billion and the fair value was $\$ 22.0$ billion. Dividend income on this investment is recorded in equity investment income and during 2010, the Corporation recorded dividend income of $\$ 535$ million from CCB. The investment is recorded in other assets. The Corporation remains a significant shareholder in CCB and intends to continue the important long-term strategic alliance with CCB originally entered into in 2005. As part of this alliance, the Corporation expects to continue to provide advice and assistance to CCB.

During 2010, the Corporation sold various strategic investments which included the Corporation's investment of 188.4 million preferred shares and 56.5 million common shares in Itaú Unibanco Holding S.A. (Itaú Unibanco) at a price of $\$ 3.9$ billion. The Itaú Unibanco investment was accounted for at fair value and recorded as AFS marketable equity securities in other assets with unrealized gains recorded, net-of-tax, in accumulated OCI. The cost basis of this investment was $\$ 2.6$ billion and, after transaction costs, the pre-tax gain was $\$ 1.2$ billion which was recorded in equity investment income. In addition, the Corporation sold its 24.9 percent ownership interest in Grupo Financiero Santander, S.A.B. de C.V. to an affiliate of its parent company, Banco Santander, S.A., the majority interest holder. The investment was accounted for under the equity method of accounting and recorded in other assets. This sale resulted in a pre-tax loss of $\$ 428$ million which was recorded in equity investment income. The Corporation also sold all of its Class B units in

MasterCard Worldwide, Inc. (MasterCard), which were acquired primarily upon MasterCard's initial public offering and recorded in other assets. This sale resulted in a pre-tax gain of $\$ 440$ million which was recorded in equity investment income. Also during the year, the Corporation sold its exposure of $\$ 2.9$ billion in certain private equity funds recorded in other assets, comprised of $\$ 1.5$ billion in capital and $\$ 1.4$ billion in unfunded commitments resulting in a loss of $\$ 163$ million which was recorded in equity investment income.

As part of the acquisition of Merrill Lynch, the Corporation acquired an economic ownership in BlackRock Inc. (BlackRock), a publicly traded investment company. During 2010, the Corporation sold 51.2 million shares consisting of 48.9 million preferred and 2.3 million common shares for net proceeds of $\$ 8.3$ billion resulting in a pre-tax gain of $\$ 91$ million, lowering its ownership to 13.6 million preferred shares, or 7 percent. The carrying value of this investment at December 31, 2010 and 2009 was $\$ 2.2$ billion and $\$ 10.0$ billion and the fair value was $\$ 2.6$ billion and $\$ 15.0$ billion. Following the sale, the Corporation's remaining interest is held at cost due to restrictions that affect the marketability of the preferred shares. The investment is recorded in other assets. During 2009, BlackRock completed its purchase of Barclays Global Investors, an asset management business, from Barclays PLC which had the effect of diluting the Corporation's ownership interest in BlackRock from approximately 50 percent to approximately 34 percent and, for accounting purposes, was treated as a sale of a portion of the Corporation's ownership interest. As a result, upon closing of this transaction, the Corporation recorded an adjustment to its investment in BlackRock resulting in a pre-tax gain of $\$ 1.1$ billion which was recorded in equity investment income.

In 2010, a third-party investor in a joint venture in which the Corporation held a 46.5 percent ownership interest sold its interest to the joint venture, resulting in an increase in the Corporation's ownership interest to 49 percent. The joint venture was formed in 2009 with First Data Corporation (First Data) creating Banc of America Merchant Services, LLC. Under the terms of the agreement, the Corporation contributed its merchant processing business to the joint venture and First Data contributed certain merchant processing contracts and personnel resources. In 2009, the Corporation recorded in other income a pre-tax gain of $\$ 3.8$ billion related to this transaction. The investment in the joint venture, which was initially recorded at a fair value of $\$ 4.7$ billion, is accounted for under the equity method of accounting with income recorded in equity investment income. The carrying value at both December 31, 2010 and 2009 was $\$ 4.7$ billion.

The table below presents total outstanding loans and leases at December 31, 2010 and 2009 and an age analysis at December 31, 2010.

|  | December 31, 2010 |  |  |  |  |  |  | December 31, 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 30-89 Days <br> Past Due ${ }^{(1)}$ | $\begin{array}{r} 90 \text { Days or } \\ \text { More } \\ \text { Past Due }{ }^{(2)} \end{array}$ | Total Past Due 30 Days or More | Total Current or Less Than 30 Days Past Due | Purchased Credit Impaired ${ }^{(4)}$ | Loans Measured at Fair Value | Total Outstandings ${ }^{(5)}$ | Total Outstandings |
| Home loans |  |  |  |  |  |  |  |  |
| Residential mortgage ${ }^{(6)}$ | \$ 8,274 | \$33,240 | \$41,514 | \$205,867 | \$10,592 |  | \$257,973 | \$242,129 |
| Home equity | 2,086 | 2,291 | 4,377 | 121,014 | 12,590 |  | 137,981 | 149,126 |
| Discontinued real estate ${ }^{(7)}$ | 107 | 419 | 526 | 930 | 11,652 |  | 13,108 | 14,854 |
| Credit card and other consumer |  |  |  |  |  |  |  |  |
| U.S. credit card | 2,593 | 3,320 | 5,913 | 107,872 | - |  | 113,785 | 49,453 |
| Non-U.S. credit card | 755 | 599 | 1,354 | 26,111 | - |  | 27,465 | 21,656 |
| Direct/Indirect consumer ${ }^{(8)}$ | 1,608 | 1,104 | 2,712 | 87,596 | - |  | 90,308 | 97,236 |
| Other consumer ${ }^{(9)}$ | 90 | 50 | 140 | 2,690 | - |  | 2,830 | 3,110 |
| Total consumer | 15,513 | 41,023 | 56,536 | 552,080 | 34,834 |  | 643,450 | 577,564 |
| Commercial |  |  |  |  |  |  |  |  |
| U.S. commercial | 946 | 1,453 | 2,399 | 173,185 | 2 |  | 175,586 | 181,377 |
| Commercial real estate ${ }^{(10)}$ | 721 | 3,554 | 4,275 | 44,957 | 161 |  | 49,393 | 69,447 |
| Commercial lease financing | 118 | 31 | 149 | 21,793 | - |  | 21,942 | 22,199 |
| Non-U.S. commercial | 27 | 6 | 33 | 31,955 | 41 |  | 32,029 | 27,079 |
| U.S. small business commercial | 360 | 438 | 798 | 13,921 | - |  | 14,719 | 17,526 |
| Total commercial loans | 2,172 | 5,482 | 7,654 | 285,811 | 204 |  | 293,669 | 317,628 |
| Commercial loans measured at fair value ${ }^{(11)}$ | - | - | - | - | - | \$3,321 | 3,321 | 4,936 |
| Total commercial | 2,172 | 5,482 | 7,654 | 285,811 | 204 | 3,321 | 296,990 | 322,564 |
| Total loans and leases | \$17,685 | \$46,505 | \$64,190 | \$837,891 | \$35,038 | \$3,321 | \$940,440 | \$900,128 |
| Percentage of outstandings | 1.88\% | \% 4.95\% | \% 6.83\% | \% 89.10\% | - 3.72\% | \% 0.35\% |  |  |

${ }^{11}$ Home loans includes $\$ 2.3$ billion of FHA insured loans, $\$ 818$ million of nonperforming loans and $\$ 156$ million of TDRs that were removed from the Countrywide PCI loan portfolio prior to the adoption of new accounting guidance effective January 1, 2010.
${ }^{\text {2) }}$ Home loans includes $\$ 16.8$ billion of FHA insured loans and $\$ 372$ million of TDRs that were removed from the Countrywide PCI loan portfolio prior to the adoption of new accounting guidance effective January 1 , 2010 .
${ }^{\text {3) }}$ Home loans includes $\$ 1.1$ billion of nonperforming loans as all principal and interest are not current or are TDRs that have not demonstrated sustained repayment performance.
${ }^{4)} \mathrm{PCI}$ loan amounts are shown gross of the valuation allowance and exclude $\$ 1.6$ billion of PCI home loans from the Merrill Lynch acquisition which are included in their appropriate aging categories.
${ }^{\text {(5) }}$ Periods subsequent to January 1, 2010 are presented in accordance with new consolidation guidance.
${ }^{(6)}$ Total outstandings include non-U.S. residential mortgages of $\$ 90$ million and $\$ 552$ million at December 31, 2010 and 2009.
${ }^{(7)}$ Total outstandings include $\$ 11.8$ billion and $\$ 13.4$ billion of pay option loans and $\$ 1.3$ billion and $\$ 1.5$ billion of subprime loans at December 31, 2010 and 2009. The Corporation no longer originates these products.
${ }^{(8)}$ Total outstandings include dealer financial services loans of $\$ 42.9$ billion and $\$ 41.6$ billion, consumer lending of $\$ 12.9$ billion and $\$ 19.7$ billion, U.S. securities-based lending margin loans of $\$ 16.6$ billion and $\$ 12.9$ billion, student loans of $\$ 6.8$ billion and $\$ 10.8$ billion, non-U.S. consumer loans of $\$ 8.0$ billion and $\$ 8.0$ billion, and other consumer loans of $\$ 3.1$ billion and $\$ 4.2$ billion at December 31,2010 and 2009.
${ }^{\text {9) }}$ Total outstandings include consumer finance loans of $\$ 1.9$ billion and $\$ 2.3$ billion, other non-U.S. consumer loans of $\$ 803$ million and $\$ 709$ million, and consumer overdrafts of $\$ 88$ million and $\$ 144$ million at December 31,2010 and 2009.
${ }^{(10)}$ Total outstandings include U.S. commercial real estate loans of $\$ 46.9$ billion and $\$ 66.5$ billion, and non-U.S. commercial real estate loans of $\$ 2.5$ billion and $\$ 3.0$ billion at December 31,2010 and 2009 ,
${ }^{(11)}$ Certain commercial loans are accounted for under the fair value option and include U.S. commercial loans of $\$ 1.6$ billion and $\$ 3.0$ billion, non-U.S. commercial loans of $\$ 1.7$ billion and $\$ 1.9$ billion, and commercial real estate loans of $\$ 79$ million and $\$ 90$ million at December 31, 2010 and 2009. See Note 22 -Fair Value Measurements and Note 23-Fair Value Option for additional information.

The Corporation mitigates a portion of its credit risk on the residential mortgage portfolio through the use of synthetic securitization vehicles. These vehicles issue long-term notes to investors, the proceeds of which are held as cash collateral. The Corporation pays a premium to the vehicles to purchase mezzanine loss protection on a portfolio of residential mortgages owned by the Corporation. Cash held in the vehicles is used to reimburse the Corporation in the event that losses on the mortgage portfolio exceed 10 basis points (bps) of the original pool balance, up to the remaining amount of purchased loss protection of $\$ 1.1$ billion and $\$ 1.4$ billion at December 31, 2010 and 2009. The vehicles are variable interest entities from which the Corporation purchases credit protection and in which the Corporation does not have a variable interest; accordingly, these vehicles are not consolidated by the Corporation. Amounts due from the vehicles are recorded in other income (loss) when the Corporation recognizes a reimbursable loss, as described above. Amounts are collected when reimbursable losses are realized through
the sale of the underlying collateral. At December 31, 2010 and 2009, the Corporation had a receivable of $\$ 722$ million and $\$ 1.0$ billion from these vehicles for reimbursement of losses. At December 31, 2010 and 2009, $\$ 53.9$ billion and $\$ 70.7$ billion of residential mortgage loans were referenced under these agreements. The Corporation records an allowance for credit losses on these loans without regard to the existence of the purchased loss protection as the protection does not represent a guarantee of individual loans.

In addition, the Corporation has entered into long-term standby agreements with FNMA and FHLMC on loans totaling $\$ 14.3$ billion and $\$ 6.6$ billion at December 31, 2010 and 2009, providing full protection on residential mortgage loans that become severely delinquent. The Corporation does not record an allowance for credit losses on these loans as the loans are individually insured.

## Nonperforming Loans and Leases

The table below includes the Corporation's nonperforming loans and leases, including nonperforming TDRs, and loans accruing past due 90 days or more at December 31, 2010 and 2009. Nonperforming loans and leases exclude performing TDRs and loans accounted for under the fair value option. Nonperforming LHFS are excluded from nonperforming loans and leases as they are recorded at either fair value or the lower of cost or fair value. In addition, PCI , consumer credit card, business card loans and in general, consumer
loans not secured by real estate, including renegotiated loans, are not considered nonperforming and are therefore excluded from nonperforming loans and leases in the table. See Note 1 - Summary of Significant Accounting Principles for further information on the criteria to determine if a loan is classified as nonperforming. Real estate-secured past due consumer loans insured by the FHA are reported as performing since the principal repayment is insured by the FHA.

${ }^{(1)}$ Residential mortgage loans accruing past due 90 days or more represent loans insured by the FHA. At December 31, 2010 and 2009, residential mortgage includes $\$ 8.3$ billion and $\$ 2.2$ billion of loans that are no longer accruing interest as interest has been curtailed by the FHA although principal is still insured.
$\mathrm{n} / \mathrm{a}=$ not applicable

Included in certain loan categories in nonperforming loans and leases in the table above are TDRs that were classified as nonperforming. At December 31, 2010 and 2009, the Corporation had $\$ 3.0$ billion and $\$ 2.9$ billion of residential mortgages, $\$ 535$ million and $\$ 1.7$ billion of home equity, $\$ 75$ million and $\$ 43$ million of discontinued real estate, $\$ 175$ million and $\$ 227$ million of U.S. commercial, $\$ 770$ million and $\$ 246$ million of commercial real estate and $\$ 7$ million and $\$ 13$ million of non-U.S. commercial loans that were TDRs and classified as nonperforming.

As a result of new accounting guidance on PCI loans, beginning January 1, 2010, modification of a PCI loan no longer results in removal of the loan from the PCI loan pool. TDRs in the consumer real estate portfolio that were removed from the PCl loan portfolio prior to the adoption of the new accounting guidance were $\$ 2.1$ billion and $\$ 2.3$ billion at December 31, 2010 and 2009, of which $\$ 426$ million and $\$ 395$ million were nonperforming. These nonperforming loans are excluded from the table above.

## Credit Quality Indicators

The Corporation monitors credit quality within its three portfolio segments based on primary credit quality indicators. Within the home loans portfolio segment, the primary credit quality indicators used are refreshed LTV and refreshed FICO score. Refreshed LTV measures the carrying value of the loan
as a percentage of the value of property securing the loan, refreshed quarterly. Home equity loans are measured using combined LTV which measures the carrying value of the combined loans that have liens against the property and the available line of credit as a percentage of the appraised value of the property securing the Ioan, refreshed quarterly. Refreshed FICO score measures the creditworthiness of the borrower based on the financial obligations of the borrower and the borrower's credit history. At a minimum, FICO scores are refreshed quarterly, and in many cases, more frequently. Refreshed FICO score is also a primary credit quality indicator for the credit card and other consumer portfolio segment and the business card portfolio within U.S. small business commercial. The Corporation's commercial loans are evaluated using pass rated or reservable criticized as the primary credit quality indicator. The term reservable criticized refers to those commercial loans that are internally classified or listed by the Corporation as special mention, substandard or doubtful. These assets pose an elevated risk and may have a high probability of default or total loss. Pass rated refers to all loans not considered criticized. In addition to these primary credit quality indicators, the Corporation uses other credit quality indicators for certain types of loans. See Note 1-Summary of Significant Accounting Principles for additional information.

The tables below present certain credit quality indicators related to the Corporation's home loans, credit card and other consumer loans, and commercial Ioan portfolio segments at December 31, 2010.

## Home Loans

|  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |

${ }^{(1)}$ Excludes Countrywide PCI loans.
${ }^{(2)}$ Excludes PCI home loans related to the Merrill Lynch acquisition.
${ }^{(3)}$ Refreshed LTV is reported using a combined LTV, which measures the carrying value of the combined loans with liens against the property and the available line of credit as a percentage of the appraised value securing the loan.
${ }^{(4)}$ Credit quality indicators are not reported for FHA insured loans as principal repayment is insured by the FHA.

## Credit Card and Other Consumer

| (Dollars in millions) | December 31, 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { U.S. Credit } \\ & \text { Card } \end{aligned}$ | Non-U.S. Credit Card | Direct/Indirect Consumer | Other <br> Consumer ${ }^{(1)}$ |
| Refreshed FICO score |  |  |  |  |
| Less than 620 | \$ 14,159 | \$ 631 | \$ 6,748 |  |
| Greater than or equal to 620 | 99,626 | 7,528 | 48,209 | 961 |
| Other internal credit metrics ${ }^{(2,3,4)}$ | - | 19,306 | 35,351 | 890 |
| Total credit card and other consumer | \$113,785 | \$27,465 | \$90,308 | \$2,830 |

${ }^{(1)} 96$ percent of the other consumer portfolio was associated with portfolios from certain consumer finance businesses that have been previously exited by the Corporation.
${ }^{(2)}$ Other internal credit metrics may include delinquency status, geography or other factors.
${ }^{(3)}$ Direct/indirect consumer includes $\$ 24.0$ billion of securities-based lending which is overcollateralized and therefore offers minimal credit risk and $\$ 7.4$ billion of loans the Corporation no longer originates.
${ }^{(4)}$ Non-U.S. credit card represents the select European countries' credit card portfolio and a portion of the Canadian credit card portfolio which is evaluated using internal credit metrics, including delinquency status. At December 31, 2010, 95 percent of this portfolio was current or less than 30 days past due, three percent was $30-89$ days past due and two percent was 90 days or more past due.

## Commercial ${ }^{(1)}$

| (Dollars in millions) | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. Commercial | Commercial Real Estate | Commercial <br> Lease <br> Financing | Non-U.S. <br> Commercial | $\begin{array}{r} \text { U.S. Small } \\ \text { Business } \\ \text { Commercial } \end{array}$ |
| Risk Ratings |  |  |  |  |  |
| Pass rated | \$160,154 | \$29,757 | \$20,754 | \$30,180 | \$ 3,139 |
| Reservable criticized | 15,432 | 19,636 | 1,188 | 1,849 | 988 |
| Refreshed FICO score |  |  |  |  |  |
| Less than 620 | n/a | n/a | n/a | n/a | 888 |
| Greater than or equal to 620 | n/a | n/a | n/a | n/a | 5,083 |
| Other internal credit metrics ${ }^{(2,3)}$ | n/a | n/a | n/a | n/a | 4,621 |
| Total commercial credit | \$175,586 | \$49,393 | \$21,942 | \$32,029 | \$14,719 |

${ }^{(1)}$ Includes $\$ 204$ million of PCl loans related to the commercial portfolio segment and excludes $\$ 3.3$ billion of loans accounted for under the fair value option.
${ }^{(2)}$ Other internal credit metrics may include delinquency status, application scores, geography or other factors.
 past due.
$\mathrm{n} / \mathrm{a}=$ not applicable

## Impaired Loans and Troubled Debt Restructurings

A loan is considered impaired when, based on current information and events, it is probable that the Corporation will be unable to collect all amounts due from the borrower in accordance with the contractual terms of the loan. Impaired loans include nonperforming commercial loans, all TDRs, including
both commercial and consumer TDRs, and the renegotiated credit card, consumer lending and small business loan portfolios (the renegotiated portfolio). Impaired loans exclude nonperforming consumer loans unless they are classified as TDRs, all commercial leases and all loans accounted for under the fair value option. PCI loans are reported separately on page 175.

The following tables present impaired loans related to the Corporation's home loans and commercial loan portfolio segments at December 31, 2010. Certain impaired home loans and commercial loans do not have a related allowance as the valuation of these impaired loans, determined under current accounting guidance, exceeded the carrying value.

| Impaired Loans - Home Loans |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | December 31, 2010 |  |  | 2010 |  |
| (Dollars in millions) | Unpaid Principal Balance | Carrying Value | Related Allowance | Average Carrying Value | $\begin{array}{r} \text { Interest } \\ \text { Income } \\ \text { Recognized }^{(1)} \end{array}$ |
| With no recorded allowance |  |  |  |  |  |
| Residential mortgage | \$ 5,493 | \$ 4,382 | n/a | \$4,429 | \$184 |
| Home equity | 1,411 | 437 | n/a | 493 | 21 |
| Discontinued real estate | 361 | 218 | n/a | 219 | 8 |
| With an allowance recorded |  |  |  |  |  |
| Residential mortgage | \$ 8,593 | \$ 7,406 | \$1,154 | \$5,226 | \$196 |
| Home equity | 1,521 | 1,284 | 676 | 1,509 | 23 |
| Discontinued real estate | 247 | 177 | 41 | 170 | 7 |
| Total |  |  |  |  |  |
| Residential mortgage | \$14,086 | \$11,788 | \$1,154 | \$9,655 | \$380 |
| Home equity | 2,932 | 1,721 | 676 | 2,002 | 44 |
| Discontinued real estate | 608 | 395 | 41 | 389 | 15 |

 principal is not uncertain. See Note 1 - Summary of Significant Accounting Principles for additional information.
$\mathrm{n} / \mathrm{a}=$ not applicable

Impaired Loans - Commercial

|  | December 31, 2010 |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Unpaid <br> Principal <br> Balance | Carrying Value | Related <br> Allowance | Average Carrying Value | $\begin{array}{r} \text { Interest } \\ \text { Income } \\ \text { Recognized }^{(1)} \\ \hline \end{array}$ |
| With no recorded allowance |  |  |  |  |  |
| U.S. commercial | \$ 968 | \$ 441 | n/a | \$ 547 | \$ 3 |
| Commercial real estate | 2,655 | 1,771 | n/a | 1,736 | 8 |
| Non-U.S. commercial | 46 | 28 | n/a | 9 | - |
| U.S. small business commercial ${ }^{(2)}$ | - | - | n/a | - | - |
| With an allowance recorded |  |  |  |  |  |
| U.S. commercial | \$3,891 | \$3,193 | \$336 | \$3,389 | \$36 |
| Commercial real estate | 5,682 | 4,103 | 208 | 4,813 | 29 |
| Non-U.S. commercial | 572 | 217 | 91 | 190 | - |
| U.S. small business commercial ${ }^{(2)}$ | 935 | 892 | 445 | 1,028 | 34 |
| Total |  |  |  |  |  |
| U.S. commercial | \$4,859 | \$3,634 | \$336 | \$3,936 | \$39 |
| Commercial real estate | 8,337 | 5,874 | 208 | 6,549 | 37 |
| Non-U.S. commercial | 618 | 245 | 91 | 199 | - |
| U.S. small business commercial ${ }^{(2)}$ | 935 | 892 | 445 | 1,028 | 34 |

 principal is not uncertain. See Note 1 - Summary of Significant Accounting Principles for additional information.
${ }^{(2)}$ Includes U.S. small business commercial renegotiated TDR loans and related allowance.
$\mathrm{n} / \mathrm{a}=$ not applicable

At December 31, 2010 and 2009, remaining commitments to lend additional funds to debtors whose terms have been modified in a commercial or consumer TDR were immaterial.

The Corporation seeks to assist customers that are experiencing financial difficulty by renegotiating loans within the renegotiated portfolio while ensuring compliance with Federal Financial Institutions Examination Council (FFIEC) guidelines. Substantially all modifications in the renegotiated portfolio are considered to be both TDRs and impaired loans. The renegotiated portfolio may include modifications, both short- and long-term, of interest rates or payment amounts or a combination thereof. The Corporation makes loan
modifications, primarily utilizing internal renegotiation programs via direct customer contact, that manage customers' debt exposures held only by the Corporation. Additionally, the Corporation makes loan modifications with consumers who have elected to work with external renegotiation agencies and these modifications provide solutions to customers' entire unsecured debt structures. Under both internal and external programs, customers receive reduced annual percentage rates with fixed payments that amortize loan balances over a 60-month period. Under both programs, for credit card loans, a customer's charging privileges are revoked.

The following tables provide detailed information on the Corporation's primary modification programs for the renegotiated portfolio. At December 31, 2010, all renegotiated credit card and other consumer loans were considered impaired and have a related allowance as shown in the table below. The allowance for credit
card loans is based on the present value of projected cash flows discounted using the interest rate in effect prior to restructuring and prior to any riskbased or penalty-based increase in rate.

## Impaired Loans - Credit Card and Other Consumer

|  | December 31, 2010 |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Unpaid Principal Balance | Carrying Value ${ }^{(1)}$ | Related Allowance | Average Carrying Value | Interest <br> Income Recognized |
| With an allowance recorded |  |  |  |  |  |
| U.S. credit card | \$8,680 | \$8,766 | \$3,458 | \$10,549 | \$621 |
| Non-U.S. credit card | 778 | 797 | 506 | 973 | 21 |
| Direct/Indirect consumer | 1,846 | 1,858 | 822 | 2,126 | 111 |

${ }^{(1)}$ Includes accrued interest and fees.
${ }^{(2)}$ Interest income recognized includes interest accrued and collected on the outstanding balances of accruing impaired loans as well as interest cash collections on nonaccruing impaired loans for which the ultimate collectability of principal is not uncertain. See Note 1-Summary of Significant Accounting Principles for additional information.

## Renegotiated TDR Portfolio

| (Dollars in millions) | Internal Programs |  | External Programs |  | Other |  | Total |  | Percent of Balances Current or Less Than 30 Days Past Due |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | December 31 |  | December 31 |  | December 31 |  | December 31 |  | December 31 |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| Credit card and other consumer |  |  |  |  |  |  |  |  |  |  |
| U.S. credit card | \$6,592 | \$3,159 | \$1,927 | \$ 758 | \$247 | \$283 | \$ 8,766 | \$4,200 | 77.66\% | 75.43\% |
| Non-U.S. credit card | 282 | 252 | 176 | 168 | 339 | 435 | 797 | 855 | 58.86 | 53.02 |
| Direct/Indirect consumer | 1,222 | 1,414 | 531 | 539 | 105 | 89 | 1,858 | 2,042 | 78.81 | 75.44 |
| Other consumer | - | 54 | - | 69 | - | 17 | - | 140 | n/a | 68.94 |
| Total consumer | 8,096 | 4,879 | 2,634 | 1,534 | 691 | 824 | 11,421 | 7,237 | 76.51 | 72.66 |
| Commercial |  |  |  |  |  |  |  |  |  |  |
| U.S. small business commercial | 624 | 776 | 58 | 57 | 6 | 11 | 688 | 844 | 65.37 | 64.90 |
| Total commercial | 624 | 776 | 58 | 57 | 6 | 11 | 688 | 844 | 65.37 | 64.90 |
| Total renegotiated TDR loans | \$8,720 | \$5,655 | \$2,692 | \$1,591 | \$697 | \$835 | \$12,109 | \$8,081 | 75.90\% | 72.96\% |

$\mathrm{n} / \mathrm{a}=$ not applicable
At December 31, 2010 and 2009, the Corporation had a renegotiated TDR portfolio of $\$ 12.1$ billion and $\$ 8.1$ billion of which $\$ 9.2$ billion was current or less than 30 days past due under the modified terms at December 31, 2010. The renegotiated TDR portfolio is excluded from nonperforming loans as the Corporation generally does not classify consumer loans not secured by real
estate as nonperforming as these loans are generally charged off no later than the end of the month in which the loan becomes 180 days past due. Current period amounts include the impact of new consolidation guidance which resulted in the consolidation of credit card and certain other securitization trusts.

## Purchased Credit-impaired Loans

PCI loans are acquired loans with evidence of credit quality deterioration since origination for which it is probable at purchase date that the Corporation will be unable to collect all contractually required payments. In connection with the Countrywide acquisition in 2008, the Corporation acquired PCI loans, substantially all of which were residential mortgage, home equity and discontinued real estate loans. In connection with the Merrill Lynch acquisition in 2009, the Corporation acquired PCI loans, substantially all of which were residential mortgage and commercial loans.

The table below presents the remaining unpaid principal balance and carrying amount, excluding the valuation reserve, for PCl loans at December 31, 2010 and 2009. See Note 7-Allowance for Credit Losses for additional information.

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Consumer |  |  |
| Countrywide |  |  |
| Unpaid principal balance | \$41,446 | \$47,701 |
| Carrying value excluding valuation reserve | 34,834 | 37,541 |
| Merrill Lynch |  |  |
| Unpaid principal balance | 1,698 | 2,388 |
| Carrying value excluding valuation reserve | 1,559 | 2,112 |
| Commercial |  |  |
| Merrill Lynch |  |  |
| Unpaid principal balance | \$ 870 | \$ 1,971 |
| Carrying value excluding valuation reserve | 204 | 692 |

As a result of the adoption of new accounting guidance on PCI loans, beginning January 1, 2010, pooled loans that are modified subsequent to acquisition are not removed from the PCl loan pools and are not considered TDRs. Prior to January 1, 2010, pooled loans that were modified subsequent to acquisition were reviewed to compare modified contractual cash flows to
the PCl carrying value. If the present value of the modified cash flows was less than the carrying value, the loan was removed from the PCl loan pool at its carrying value, as well as any related allowance for loan and lease losses, and was classified as a TDR. The carrying value of PCI loan TDRs that were removed from the PCI pool prior to January 1, 2010 totaled $\$ 2.1$ billion. At December 31, 2010, $\$ 1.6$ billion of those classified as TDRs were on accrual status. The carrying value of these modified loans, net of allowance, was approximately 65 percent of the unpaid principal balance.

The table below shows activity for the accretable yield on PCl loans. The $\$ 14$ million and $\$ 1.4$ billion reclassifications to nonaccretable difference during 2010 and 2009 reflect a reduction in estimated interest cash flows during the year.

| (Dollars in millions) |  |
| :---: | :---: |
| Accretable yield, January 1, 2009 | \$12,860 |
| Merrill Lynch balance | 627 |
| Accretion | $(2,859)$ |
| Disposals/transfers | $(1,482)$ |
| Reclassifications to nonaccretable difference | $(1,431)$ |
| Accretable yield, December 31, 2009 | 7,715 |
| Accretion | $(1,766)$ |
| Disposals/transfers | (213) |
| Reclassifications to nonaccretable difference | (14) |
| Accretable yield, December 31, 2010 | \$ 5,722 |
| Loans Held-for-Sale |  |
| The Corporation had LHFS of $\$ 35.1$ billion a 2010 and 2009. Proceeds from sales, secu were $\$ 281.7$ billion, $\$ 365.1$ billion and $\$ 1$ 2008. Proceeds used for originations and pu lion, $\$ 369.4$ billion and $\$ 127.5$ billion for | mber 31, of LHFS 009 and 63.0 bil- |

NOTE 7 Allowance for Credit Losses
The table below summarizes the changes in the allowance for credit losses for 2010, 2009 and 2008.

| (Dollars in millions) | Home Loans | Credit Card and Other Consumer | Commercial | Total Allowance |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2010 | 2009 | 2008 |
| Allowance for loan and lease losses, January 1, before effect of the January 1 adoption of new consolidation guidance | \$ 15,756 | \$ 12,029 | \$ 9,415 | \$ 37,200 | \$ 23,071 | \$ 11,588 |
| Allowance related to adoption of new consolidation guidance | 573 | 10,214 | 1 | 10,788 | n/a | n/a |
| Allowance for loan and lease losses, January 1 | 16,329 | 22,243 | 9,416 | 47,988 | 23,071 | 11,588 |
| Loans and leases charged off | $(10,915)$ | $(20,865)$ | $(5,610)$ | $(37,390)$ | $(35,483)$ | (17,666) |
| Recoveries of loans and leases previously charged off | 396 | 2,034 | 626 | 3,056 | 1,795 | 1,435 |
| Net charge-offs | $(10,519)$ | $(18,831)$ | $(4,984)$ | $(34,334)$ | $(33,688)$ | $(16,231)$ |
| Provision for loan and lease losses | 13,335 | 12,115 | 2,745 | 28,195 | 48,366 | 26,922 |
| Other | 107 | (64) | (7) | 36 | (549) | 792 |
| Allowance for loan and lease losses, December 31 | 19,252 | 15,463 | 7,170 | 41,885 | 37,200 | 23,071 |
| Reserve for unfunded lending commitments, January 1 | - | - | 1,487 | 1,487 | 421 | 518 |
| Provision for unfunded lending commitments | - | - | 240 | 240 | 204 | (97) |
| Other | - | - | (539) | (539) | 862 | - |
| Reserve for unfunded lending commitments, December 31 | - | - | 1,188 | 1,188 | 1,487 | 421 |
| Allowance for credit losses, December 31 | \$ 19,252 | \$ 15,463 | \$ 8,358 | \$ 43,073 | \$ 38,687 | \$ 23,492 |

$\mathrm{n} / \mathrm{a}=$ not applicable

In 2010, the Corporation recorded $\$ 2.2$ billion in provision for credit losses with a corresponding increase in the valuation reserve included as part of the allowance for loan and lease losses specifically for the PCl loan portfolio. This compared to $\$ 3.5$ billion in 2009 and $\$ 750$ million in 2008. The amount of the allowance for loan and lease losses associated with the PCI Ioan portfolio was $\$ 6.4$ billion, $\$ 3.9$ billion and $\$ 750$ million at December 31, 2010, 2009 and 2008, respectively.

The "other" amount under allowance for loan and lease losses for 2009 includes a $\$ 750$ million reduction in the allowance for loan and lease losses related to $\$ 8.5$ billion of credit card loans that were exchanged for a $\$ 7.8$ billion HTM debt security partially offset by a $\$ 340$ million increase associated with the reclassification to other assets of the amount reimbursable under residential mortgage cash collateralized synthetic securitizations. The 2008
"other" amount under allowance for loan and lease losses includes the $\$ 1.2$ billion addition of the Countrywide allowance for Ioan losses as of July 1, 2008.

The "other" amount under the reserve for unfunded lending commitments for 2009 includes the remaining balance of the acquired Merrill Lynch reserve excluding those commitments accounted for under the fair value option, net of accretion, and the impact of funding previously unfunded positions. This amount in 2010 represents primarily accretion of the Merrill Lynch purchase accounting adjustment and the impact of funding previously unfunded positions.

The table below represents the allowance and the carrying value of outstanding loans and leases by portfolio segment at December 31, 2010.

|  |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |

[^10]
## NOTE 8 Securitizations and Other Variable Interest Entities

The Corporation utilizes VIEs in the ordinary course of business to support its own and its customers' financing and investing needs. The Corporation routinely securitizes loans and debt securities using VIEs as a source of funding for the Corporation and as a means of transferring the economic risk of the loans or debt securities to third parties. The Corporation also administers structures or invests in other VIEs including CDOs, investment vehicles and other entities.

A VIE is an entity that lacks equity investors or whose equity investors do not have a controlling financial interest in the entity through their equity investments. The entity that has a controlling financial interest in a VIE is referred to as the primary beneficiary and consolidates the VIE. In accordance with the new consolidation guidance effective January 1, 2010, the Corporation is deemed to have a controlling financial interest and is the primary beneficiary of a VIE if it has both the power to direct the activities of the VIE
that most significantly impact the VIE's economic performance and an obligation to absorb losses or the right to receive benefits that could potentially be significant to the VIE. As a result of this change in accounting, the Corporation consolidated certain VIEs and former QSPEs that were previously unconsolidated. Incremental assets of newly consolidated VIEs on January 1, 2010, after elimination of intercompany balances and net of deferred taxes, included $\$ 69.7$ billion in credit card securitizations, $\$ 15.6$ billion in commercial paper conduits, $\$ 4.7$ billion in home equity securitizations, $\$ 4.7$ billion in municipal bond trusts and $\$ 5.7$ billion in other VIEs. The net incremental impact of this accounting change on the Corporation's Consolidated Balance Sheet is set forth in the table below. The net effect of the accounting change on January 1, 2010 shareholders' equity was a $\$ 6.2$ billion charge to retained earnings, net-of-tax, primarily from the increase in the allowance for loan and lease losses, as well as a $\$ 116$ million charge to accumulated OCI, net-of-tax, for the net unrealized losses on AFS debt securities in newly consolidated VIEs.

| (Dollars in millions) | $\begin{array}{r} \text { Ending } \\ \text { Balance Sheet } \\ \text { December 31, } 2009 \\ \hline \end{array}$ | Net Increase (Decrease) | Beginning Balance Sheet January 1, 2010 |
| :---: | :---: | :---: | :---: |
| Assets |  |  |  |
| Cash and cash equivalents | \$ 121,339 | \$ 2,807 | \$ 124,146 |
| Trading account assets | 182,206 | 6,937 | 189,143 |
| Derivative assets | 87,622 | 556 | 88,178 |
| Debt securities: |  |  |  |
| Available-for-sale | 301,601 | $(2,320)$ | 299,281 |
| Held-to-maturity | 9,840 | $(6,572)$ | 3,268 |
| Total debt securities | 311,441 | $(8,892)$ | 302,549 |
| Loans and leases | 900,128 | 102,595 | 1,002,723 |
| Allowance for loan and lease losses | $(37,200)$ | $(10,788)$ | $(47,988)$ |
| Loans and leases, net of allowance | 862,928 | 91,807 | 954,735 |
| Loans held-for-sale | 43,874 | 3,025 | 46,899 |
| Deferred tax asset | 27,279 | 3,498 | 30,777 |
| All other assets | 593,543 | 701 | 594,244 |
| Total assets | \$2,230,232 | \$100,439 | \$2,330,671 |
| Liabilities |  |  |  |
| Commercial paper and other short-term borrowings | \$ 69,524 | \$ 22,136 | \$ 91,660 |
| Long-term debt | 438,521 | 84,356 | 522,877 |
| All other liabilities | 1,490,743 | 217 | 1,490,960 |
| Total liabilities | 1,998,788 | 106,709 | 2,105,497 |
| Shareholders' equity |  |  |  |
| Retained earnings | 71,233 | $(6,154)$ | 65,079 |
| Accumulated other comprehensive income (loss) | $(5,619)$ | (116) | $(5,735)$ |
| All other shareholders' equity | 165,830 | - | 165,830 |
| Total shareholders' equity | 231,444 | $(6,270)$ | 225,174 |
| Total liabilities and shareholders' equity | \$2,230,232 | \$100,439 | \$2,330,671 |

The following tables present the assets and liabilities of consolidated and unconsolidated VIEs at December 31, 2010 and 2009, in situations where the Corporation has continuing involvement with transferred assets or if the Corporation otherwise has a variable interest in the VIE. The tables also present the Corporation's maximum exposure to loss at December 31, 2010 and 2009 resulting from its involvement with consolidated VIEs and unconsolidated VIEs in which the Corporation holds a variable interest. The Corporation's maximum exposure to loss is based on the unlikely event that all of the assets in the VIEs become worthless and incorporates not only potential losses associated with assets recorded on the Corporation's Consolidated Balance Sheet but also potential losses associated with off-balance sheet commitments such as unfunded liquidity commitments and other contractual arrangements. The Corporation's maximum exposure to loss does not include losses previously recognized through write-downs of assets on the Corporation's Consolidated Balance Sheet.

The Corporation invests in asset-backed securities issued by third-party VIEs with which it has no other form of involvement. These securities are included in Note 3-Trading Account Assets and Liabilities and Note 5Securities. In addition, the Corporation uses VIEs such as trust preferred securities trusts in connection with its funding activities as described in Note 13-Long-term Debt. The Corporation also uses VIEs in the form of synthetic securitization vehicles to mitigate a portion of the credit risk on its residential mortgage loan portfolio, as described in Note 6-Outstanding Loans and Leases. The Corporation uses VIEs, such as cash funds managed within GWIM, to provide investment opportunities for clients. Prior to 2010, the Corporation provided support to certain of these cash funds in the form of capital commitments in the event the net asset value per unit of a fund declined below certain thresholds. The Corporation recorded a loss of
\$195 million in 2009 as the result of these commitments, which were terminated in 2009. These VIEs, which are not consolidated by the Corporation, are not included in the tables within this Note.

Except as described below and with regard to the cash funds, as of December 31, 2010, the Corporation has not provided financial support to consolidated or unconsolidated VIEs that it was not previously contractually required to provide, nor does it intend to do so.

## Mortgage-related Securitizations

## First-lien Mortgages

As part of its mortgage banking activities, the Corporation securitizes a portion of the first-lien residential mortgage loans it originates or purchases from third parties, generally in the form of MBS guaranteed by GSEs, or GNMA in the case of FHA-insured and U.S. Department of Veteran Affairs (VA)guaranteed mortgage loans. Securitization occurs in conjunction with or shortly after loan closing or purchase. In addition, the Corporation may, from time to time, securitize commercial mortgages it originates or purchases from other entities. The Corporation typically services the loans it securitizes. Further, the Corporation may retain beneficial interests in the securitization trusts including senior and subordinate securities and equity tranches issued by the trusts. Except as described below and in Note 9 - Representations and Warranties Obligations and Corporate Guarantees, the Corporation does not provide guarantees or recourse to the securitization trusts other than standard representations and warranties.

The table below summarizes select information related to first-lien mortgage securitizations for 2010 and 2009.

| (Dollars in millions) | Residential Mortgage |  |  |  |  |  |  |  | Commercial Mortgage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Non-A | gency |  |  |  |  |
|  | Agency |  | Prime |  | Subprime |  | Alt-A |  |  |  |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| Cash proceeds from new securitizations ${ }^{(1)}$ | \$243,901 | \$346,448 | \$ - | \$ - | \$ | \$ - | \$7 | \$- | \$4,227 | \$313 |
| Gain (loss) on securitizations, net of hedges ${ }^{(2)}$ | (473) | 73 | - | - | - | - | - | - | - | - |
| Cash flows received on residual interests | - | - | 18 | 25 | 58 | 71 | 2 | 5 | 20 | 23 |

${ }^{(1)}$ The Corporation sells residential mortgage loans to GSEs in the normal course of business and receives MBS in exchange which may then be sold into the market to third-party investors for cash proceeds.
 2009, the Corporation recognized $\$ 5.1$ billion and $\$ 5.5$ billion of gains on these LHFS, net of hedges.

In addition to cash proceeds as reported in the table above, the Corporation received securities with an initial fair value of $\$ 23.7$ billion in connection with agency first-lien residential mortgage securitizations in 2010. All of these securities were initially classified as Level 2 assets within the fair value hierarchy. During 2010, there were no changes to the initial classification.

The Corporation recognizes consumer MSRs from the sale or securitization of first-lien mortgage loans. Servicing fee and ancillary fee income on consumer mortgage loans serviced, including securitizations where the Corporation has continuing involvement, were $\$ 6.4$ billion and $\$ 6.2$ billion in 2010 and 2009. Servicing advances on consumer mortgage loans, including securitizations where the Corporation has continuing involvement, were $\$ 24.3$ billion and $\$ 19.3$ billion at December 31, 2010 and 2009. The Corporation may have the option to repurchase delinquent loans out of
securitization trusts, which reduces the amount of servicing advances it is required to make. During 2010 and 2009, $\$ 14.5$ billion and $\$ 13.1$ billion of loans were repurchased from first-lien securitization trusts as a result of loan delinquencies or in order to perform modifications. The majority of these loans repurchased were FHA insured mortgages collateralizing GNMA securities. In addition, the Corporation has retained commercial MSRs from the sale or securitization of commercial mortgage loans. Servicing fee and ancillary fee income on commercial mortgage loans serviced, including securitizations where the Corporation has continuing involvement, were $\$ 21$ million and $\$ 49$ million in 2010 and 2009. Servicing advances on commercial mortgage loans, including securitizations where the Corporation has continuing involvement, were $\$ 156$ million and $\$ 109$ million at December 31, 2010 and 2009.

The table below summarizes select information related to first-lien mortgage securitization trusts in which the Corporation held a variable interest at December 31, 2010 and 2009.

| (Dollars in millions) | Residential Mortgage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Commercial Mortgage |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Agency |  |  |  | Non-Agency |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Prime |  |  |  | Subprime |  |  |  | Alt-A |  |  |  |  |  |  |  |
|  | December 31 |  |  |  | December 31 |  |  |  |  |  |  |  |  |  |  |  | December 31 |  |  |  |
|  | 2010 |  | 2009 |  | 2010 |  | 2009 |  | 2010 |  | 2009 |  | 2010 |  | 2009 |  | 2010 |  | 2009 |  |
| Unconsolidated VIEs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1,877 |
| On-balance sheet assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Senior securities held ${ }^{(2)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trading account assets | \$ | 9,526 | \$ | 2,295 | \$ | 147 | \$ | 201 | \$ | 126 | \$ | 12 | \$ | 645 | \$ | 431 | \$ | 146 |  | 469 |
| AFS debt securities |  | 35,400 |  | 12,103 |  | 2,593 |  | 3,845 |  | 234 |  | 188 |  | - |  | 561 |  | 984 |  | 1,215 |
| Subordinate securities held ${ }^{(2)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trading account assets |  | - |  | - |  | - |  | - |  | 12 |  | - |  | - |  | - |  | 8 |  | 122 |
| AFS debt securities |  | - |  | - |  | 39 |  | 13 |  | 35 |  | 22 |  | 6 |  | 4 |  |  |  | 23 |
| Residual interests held |  | 62 |  | - |  | 6 |  | 9 |  | 9 |  | 2 |  | - |  | - |  | 61 |  | 48 |
| All other assets |  | - |  | - |  | 9 |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Total retained positions | \$ | 44,988 | \$ | 14,398 | \$ | 2,794 | \$ | 4,068 | \$ | 416 | \$ | 224 | \$ | 651 | \$ | 996 | \$ | 1,199 |  | 1,877 |
| Principal balance outstanding ${ }^{(3)}$ |  | 297,159 |  | 255,650 |  | 5,762 |  | 1,012 |  | ,710 |  | 33,065 |  | ,233 |  | ,072 |  | 3,597 |  | 5,397 |
| Consolidated VIEs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| On-balance sheet assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Loans and leases | \$ | 32,563 | \$ | 1,689 | \$ | - | \$ | - | \$ | - | \$ | 450 | \$ | - | \$ | - | \$ | - | \$ | - |
| Allowance for loan and lease losses |  | (37) |  | (6) |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Loans held-for-sale |  | - |  | - |  | - |  | 436 |  | 732 |  | 2,030 |  | - |  | - |  | - |  | - |
| All other assets |  | 220 |  | - |  | 46 |  | 86 |  | 16 |  | 271 |  | - |  | - |  | - |  | - |
| Total assets | \$ | 32,746 | \$ | 1,683 | \$ | 46 | \$ | 522 | \$ | 748 | \$ | 2,751 | \$ | - | \$ | - | \$ | - | \$ | - |
| On-balance sheet liabilities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Long-term debt | \$ | - | \$ | - | \$ | - | \$ | 48 | \$ | - | \$ | 1,737 | \$ | - | \$ | - | \$ | - | \$ | - |
| All other liabilities |  | 3 |  | - |  | 9 |  | 3 |  | 768 |  | 3 |  | - |  | - |  | - |  | - |
| Total liabilities | \$ | 3 | \$ | - | \$ | 9 | \$ | 51 | \$ | 768 | \$ | 1,740 | \$ | - | \$ | - | \$ | - | \$ | - |

[^11]
## Home Equity Mortgages

The Corporation maintains interests in home equity securitization trusts to which the Corporation transferred home equity loans. These retained interests include senior and subordinate securities and residual interests. In addition, the Corporation may be obligated to provide subordinate funding to the trusts during a rapid amortization event. The Corporation also services the loans in the trusts. Except as described below and in Note 9 - Representations and Warranties Obligations and Corporate Guarantees, the Corporation does not provide guarantees or recourse to the securitization trusts other
than standard representations and warranties. There were no securitizations of home equity loans during 2010 and 2009. Collections reinvested in revolving period securitizations were $\$ 21$ million and $\$ 177$ million during 2010 and 2009. Cash flows received on residual interests were $\$ 12$ million and $\$ 35$ million in 2010 and 2009.

The table below summarizes select information related to home equity Ioan securitization trusts in which the Corporation held a variable interest at December 31, 2010 and 2009.

 guarantees.
${ }^{(2)}$ At December 31, 2010 and 2009, $\$ 204$ million and $\$ 15$ million of the debt securities classified as trading account assets were senior securities and $\$ 5$ million and $\$ 1$ million were subordinate securities.

${ }^{(4)}$ At December 31, 2010 and 2009, $\$ 35$ million and $\$ 47$ million represent subordinate debt securities held. At December 31, 2009, $\$ 100$ million are residual interests classified as AFS debt securities.

Under the terms of the Corporation's home equity loan securitizations, advances are made to borrowers when they draw on their lines of credit and the Corporation is reimbursed for those advances from the cash flows in the securitization. During the revolving period of the securitization, this reimbursement normally occurs within a short period after the advance. However, when certain securitization transactions have begun a rapid amortization period, reimbursement of the Corporation's advance occurs only after other parties in the securitization have received all of the cash flows to which they are entitled. This has the effect of extending the time period for which the Corporation's advances are outstanding. In addition, if loan losses requiring draws on monoline insurers' policies, which protect the bondholders in the securitization, exceed a specified threshold or duration, the Corporation may not receive reimbursement for all of the funds advanced to borrowers, as the senior bondholders and the monoline insurers have priority for repayment.

Substantially all of the home equity loan securitizations for which the Corporation has an obligation to provide subordinate advances have entered rapid amortization. The Corporation evaluates each of these securitizations for potential losses due to non-recoverable advances by estimating the amount and timing of future losses on the underlying loans, the excess spread available to cover such losses and potential cash flow shortfalls during rapid amortization. A maximum funding obligation attributable to rapid
amortization cannot be calculated as a home equity borrower has the ability to pay down and re-draw balances. At December 31, 2010 and 2009, home equity loan securitization transactions in rapid amortization, including both consolidated and unconsolidated trusts, had $\$ 12.5$ billion and $\$ 14.1$ billion of trust certificates outstanding. This amount is significantly greater than the amount the Corporation expects to fund. At December 31, 2010, the remaining $\$ 93$ million of trust certificates outstanding related to these types of securitization transactions are expected to enter rapid amortization during the next 12 months. The charges that will ultimately be recorded as a result of the rapid amortization events depend on the performance of the loans, the amount of subsequent draws and the timing of related cash flows. At December 31, 2010 and 2009, the reserve for losses on expected future draw obligations on the home equity loan securitizations in or expected to be in rapid amortization was $\$ 131$ million and $\$ 178$ million.

The Corporation has consumer MSRs from the sale or securitization of home equity loans. The Corporation recorded $\$ 79$ million and $\$ 128$ million of servicing fee income related to home equity securitizations during 2010 and 2009. The Corporation repurchased $\$ 17$ million and $\$ 31$ million of loans from home equity securitization trusts in order to perform modifications or pursuant to clean up calls during 2010 and 2009.

## Credit Card Securitizations

The Corporation securitizes originated and purchased credit card loans. The Corporation's continuing involvement with the securitization trusts includes servicing the receivables, retaining an undivided interest (seller's interest) in the receivables, and holding certain retained interests including senior and subordinate securities, discount receivables, subordinate interests in accrued interest and fees on the securitized receivables, and cash reserve accounts. The Corporation consolidated all credit card securitization trusts on

January 1, 2010 in accordance with new consolidation guidance. Certain retained interests, including senior and subordinate securities, were eliminated in consolidation. The seller's interest in the trusts, which is pari passu to the investors' interest, and the discount receivables continue to be classified in loans and leases.

The table below summarizes select information related to credit card securitization trusts in which the Corporation held a variable interest at December 31, 2010 and 2009.

|  | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| (Dollars in millions) | Consolidated VIEs | Retained Interests in Unconsolidated VIEs |
| Maximum loss exposure ${ }^{(1)}$ | \$36,596 | \$ 32,167 |
| On-balance sheet assets |  |  |
| Trading account assets | \$ | \$ 80 |
| Available-for-sale debt securities ${ }^{(2)}$ | - | 8,501 |
| Held-to-maturity securities ${ }^{(2)}$ | - | 6,573 |
| Loans and leases ${ }^{(3)}$ | 92,104 | 14,905 |
| Allowance for loan and lease losses | $(8,505)$ | $(1,727)$ |
| Derivative assets | 1,778 | - |
| All other assets ${ }^{(4)}$ | 4,259 | 1,547 |
| Total | \$89,636 | \$ 29,879 |
| On-balance sheet liabilities |  |  |
| Long-term debt | \$52,781 | \$ |
| All other liabilities | 259 | - |
| Total | \$53,040 | \$ - |
| Trust loans | \$92,104 | \$103,309 |

 Card Securitization Trust's commercial paper program. This commercial paper program was terminated in 2010.

${ }^{(3)}$ At December 31, 2010 and 2009, loans and leases includes $\$ 20.4$ billion and $\$ 10.8$ billion of seller's interest and $\$ 3.8$ billion and $\$ 4.1$ billion of discount receivables.
 securitized receivables, cash reserve accounts and interest-only strips which are carried at fair value.

During 2010, $\$ 2.9$ billion of new senior debt securities were issued to external investors from the credit card securitization trusts. There were no new debt securities issued to external investors from the credit card securitization trusts during 2009. Collections reinvested in revolving period securitizations were $\$ 133.8$ billion and cash flows received on residual interests were $\$ 5.5$ billion during 2009.

At December 31, 2009, there were no recognized servicing assets or liabilities associated with any of the credit card securitization transactions. The Corporation recorded $\$ 2.0$ billion in servicing fees related to credit card securitizations during 2009.

During 2010 and 2009, subordinate securities with a notional principal amount of $\$ 11.5$ billion and $\$ 7.8$ billion and a stated interest rate of zero percent were issued by certain credit card securitization trusts to the Corporation. In addition, the Corporation has elected to designate a specified percentage of new receivables transferred to the trusts as "discount
receivables" such that principal collections thereon are added to finance charges which increases the yield in the trust. Through the designation of newly transferred receivables as discount receivables, the Corporation has subordinated a portion of its seller's interest to the investors' interest. These actions, which were specifically permitted by the terms of the trust documents, were taken in an effort to address the decline in the excess spread of the U.S. and U.K. Credit Card Securitization Trusts. As these trusts were consolidated on January 1, 2010, the issuance of subordinate securities and the discount receivables election had no impact on the Corporation's consolidated results during 2010 or 2009. At December 31, 2009, the carrying amount and fair value of the retained subordinate securities were $\$ 6.6$ billion and $\$ 6.4$ billion. These balances were eliminated on January 1, 2010 with the consolidation of the trusts. The outstanding principal balance of discount receivables, which are classified in loans and leases, was $\$ 3.8$ billion and $\$ 4.1$ billion at December 31, 2010 and 2009.

Other Asset-backed Securitizations
Other asset-backed securitizations include resecuritization trusts, municipal bond trusts, and automobile and other securitization trusts. The table below summarizes select information related to other asset-backed securitizations in which the Corporation held a variable interest at December 31, 2010 and 2009.

| (Dollars in millions) | Resecuritization Trusts |  |  | Municipal Bond Trusts |  |  | Automobile and Other Securitization Trusts |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | December 31 |  |  | December 31 |  |  | December 31 |  |
|  | 2010 |  | 2009 | 2010 |  | 2009 | 2010 | 2009 |
| Unconsolidated VIEs |  |  |  |  |  |  |  |  |
| Maximum loss exposure | \$21,425 | \$ | 543 | \$4,261 |  | ,143 | \$ 141 | \$2,511 |
| On-balance sheet assets |  |  |  |  |  |  |  |  |
| Senior securities held ${ }^{(1,2)}$ : |  |  |  |  |  |  |  |  |
| Trading account assets | \$ 2,324 | \$ | 543 | \$ 255 | \$ | 155 | \$ | \$ - |
| AFS debt securities | 17,989 |  | - | - |  | - | 109 | 2,212 |
| Subordinate securities held ${ }^{(1,2)}$ : |  |  |  |  |  |  |  |  |
| Trading account assets | 2 |  | - | - |  | - | - | - |
| AFS debt securities | 1,036 |  | - | - |  | - | - | 195 |
| Residual interests held ${ }^{(3)}$ | 74 |  | - | - |  | 203 | - | 83 |
| All other assets | - |  | - | - |  | - | 17 | 5 |
| Total retained positions | \$21,425 | \$ | 543 | \$ 255 | \$ | 358 | \$ 126 | \$2,495 |
| Total assets of VIEs | \$55,006 |  | 7,443 | \$6,108 |  | ,247 | \$ 774 | \$3,636 |
| Consolidated VIEs |  |  |  |  |  |  |  |  |
| Maximum loss exposure | \$ | \$ | - | \$4,716 | \$ | 241 | \$2,061 | \$ 908 |
| On-balance sheet assets |  |  |  |  |  |  |  |  |
| Trading account assets | \$ 68 | \$ | - | \$4,716 | \$ | 241 | \$ | \$ |
| Loans and leases | - |  | - | - |  | - | 9,583 | 8,292 |
| Allowance for loan and lease losses | - |  | - | - |  | - | (29) | (101) |
| All other assets | - |  | - | - |  | - | 196 | 25 |
| Total assets | \$ 68 | \$ | - | \$4,716 | \$ | 241 | \$9,750 | \$8,216 |
| On-balance sheet liabilities |  |  |  |  |  |  |  |  |
| Commercial paper and other short-term borrowings | \$ - | \$ | - | \$4,921 | \$ | - | \$ | \$ |
| Long-term debt | 68 |  | - | - |  | - | 7,681 | 7,308 |
| All other liabilities | - |  | - | - |  | 2 | 101 | - |
| Total liabilities | \$ 68 | \$ | - | \$4,921 | \$ | 2 | \$7,782 | \$7,308 |


${ }^{(2)}$ The retained senior and subordinate securities were valued using quoted market prices or observable market inputs (Level 2 of the fair value hierarchy).
${ }^{(3)}$ The retained residual interests are carried at fair value which was derived using model valuations (Level 3 of the fair value hierarchy).

## Resecuritization Trusts

The Corporation transfers existing securities, typically MBS, into resecuritization vehicles at the request of customers seeking securities with specific characteristics. The Corporation may also enter into resecuritizations of securities within its investment portfolio for purposes of improving liquidity and capital, and managing credit or interest rate risk. Generally, there are no significant ongoing activities performed in a resecuritization trust and no single investor has the unilateral ability to liquidate the trust.

During 2010, the Corporation resecuritized $\$ 97.7$ billion of MBS, including $\$ 71.3$ billion of securities purchased from third parties compared to $\$ 49.2$ billion in 2009. Net losses upon sale totaled $\$ 144$ million during 2010 compared to net gains of $\$ 213$ million in 2009. The Corporation consolidates a resecuritization trust if it has sole discretion over the design of the trust, including the identification of securities to be transferred in and the structure of securities to be issued, and also retains a variable interest that could potentially be significant to the trust. If one or a limited number of third-party investors share responsibility for the design of the trust and purchase a significant portion of subordinate securities, the Corporation does not consolidate the trust. Prior to 2010, these resecuritization trusts were typically QSPEs and as such were not subject to consolidation by the Corporation.

## Municipal Bond Trusts

The Corporation administers municipal bond trusts that hold highly rated, long-term, fixed-rate municipal bonds. The vast majority of the bonds are rated AAA or AA and some of the bonds benefit from insurance provided by monolines. The trusts obtain financing by issuing floating-rate trust certificates that reprice on a weekly or other basis to third-party investors. The Corporation may serve as remarketing agent and/or liquidity provider for the trusts. The floating-rate investors have the right to tender the certificates at specified dates, often with as little as seven days' notice. Should the Corporation be unable to remarket the tendered certificates, it is generally obligated to purchase them at par under standby liquidity facilities unless the bond's credit rating has declined below investment-grade or there has been an event of default or bankruptcy of the issuer and insurer.

The Corporation also provides credit enhancement to investors in certain municipal bond trusts whereby the Corporation guarantees the payment of interest and principal on floating-rate certificates issued by these trusts in the event of default by the issuer of the underlying municipal bond. If a customer holds the residual interest in a trust, that customer typically has the unilateral ability to liquidate the trust at any time, while the Corporation typically has the ability to trigger the liquidation of that trust if the market value of the bonds held in the trust declines below a specified threshold. This arrangement is designed to limit market losses to an amount that is less than the customer's residual interest, effectively preventing the Corporation from absorbing losses incurred on assets held within that trust. The weighted-average remaining life of bonds held in the trusts at December 31, 2010 was 13.3 years. There were no material write-downs or downgrades of assets or issuers during 2010.

During 2010 and 2009, the Corporation was the transferor of assets into unconsolidated municipal bond trusts and received cash proceeds from new securitizations of $\$ 1.2$ billion and $\$ 664$ million. At December 31, 2010 and 2009, the principal balance outstanding for unconsolidated municipal bond securitization trusts for which the Corporation was transferor was $\$ 2.2$ billion and $\$ 6.9$ billion.

The Corporation's liquidity commitments to unconsolidated municipal bond trusts, including those for which the Corporation was transferor, totaled $\$ 4.0$ billion and $\$ 9.8$ billion at December 31, 2010 and 2009.

## Automobile and Other Securitization Trusts

The Corporation transfers automobile and other loans into securitization trusts, typically to improve liquidity or manage credit risk. At December 31, 2010, the Corporation serviced assets or otherwise had continuing
involvement with automobile and other securitization trusts with outstanding balances of $\$ 10.5$ billion, including trusts collateralized by automobile loans of $\$ 8.4$ billion, student loans of $\$ 1.3$ billion, and other loans and receivables of $\$ 774$ million. At December 31, 2009, the Corporation serviced assets or otherwise had continuing involvement with automobile and other securitization trusts with outstanding balances of $\$ 11.9$ billion, including trusts colIateralized by automobile loans of $\$ 11.0$ billion and other loans of $\$ 905$ million. The Corporation transferred $\$ 3.0$ billion of automobile loans, $\$ 1.3$ billion of student loans and $\$ 303$ million of other receivables to the trusts during 2010 and $\$ 9.0$ billion of automobile loans during 2009.

## Multi-seller Conduits

The Corporation previously administered four multi-seller conduits which provided a low-cost funding alternative to the conduits' customers by facilitating access to the commercial paper market. These customers sold or otherwise transferred assets to the conduits, which in turn issued short-term commercial paper that was rated high-grade and was collateralized by the underlying assets. The Corporation provided combinations of liquidity and SBLCs to the conduits for the benefit of third-party investors. These commitments had an aggregate notional amount outstanding of $\$ 34.5$ billion at December 31, 2009. The Corporation liquidated the four conduits and terminated all liquidity and other commitments during 2010. Liquidation of the conduits did not impact the Corporation's consolidated results of operations.

The table below summarizes select information related to multi-seller conduits in which the Corporation held a variable interest at December 31, 2009.

| (Dollars in millions) | December 31, 2009 |  |  |
| :---: | :---: | :---: | :---: |
|  | Consolidated | Unconsolidated | Total |
| Maximum loss exposure | \$9,388 | \$25,135 | \$34,523 |
| On-balance sheet assets |  |  |  |
| Availablefor-sale debt securities | \$3,492 | \$ | \$ 3,492 |
| Held-to-maturity debt securities | 2,899 | - | 2,899 |
| Loans and leases | 318 | 318 | 636 |
| All other assets | 4 | 60 | 64 |
| Total | \$6,713 | \$ 378 | \$ 7,091 |
| On-balance sheet liabilities |  |  |  |
| Commercial paper and other short-term borrowings | \$6,748 | \$ | \$ 6,748 |
| Total | \$6,748 | \$ | \$ 6,748 |
| Total assets of VIEs | \$6,713 | \$13,893 | \$20,606 |

## Collateralized Debt Obligation Vehicles

CDO vehicles hold diversified pools of fixed-income securities, typically corporate debt or asset-backed securities, which they fund by issuing multiple tranches of debt and equity securities. Synthetic CDOs enter into a portfolio of credit default swaps to synthetically create exposure to fixed-income securities. CLOs are a subset of CDOs which hold pools of loans, typically corporate loans or commercial mortgages. CDOs are typically managed by third-party portfolio managers. The Corporation transfers assets to these CDOs, holds securities issued by the CDOs and may be a derivative counterparty to the CDOs, including a credit default swap counterparty for synthetic CDOs. The

Corporation has also entered into total return swaps with certain CDOs whereby the Corporation absorbs the economic returns generated by specified assets held by the CDO. The Corporation receives fees for structuring CDOs and providing liquidity support for super senior tranches of securities issued by certain CDOs. No third parties provide a significant amount of similar commitments to these CDOs.

The table below summarizes select information related to CDO vehicles in which the Corporation held a variable interest at December 31, 2010 and 2009.

| (Dollars in millions) | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  |  | 2009 |  |  |
|  | Consolidated | Unconsolidated | Total | Consolidated | Unconsolidated | Total |
| Maximum loss exposure ${ }^{(1)}$ | \$2,971 | \$ 3,828 | \$ 6,799 | \$3,863 | \$ 6,987 | \$10,850 |
| On-balance sheet assets |  |  |  |  |  |  |
| Trading account assets | \$2,485 | \$ 884 | \$ 3,369 | \$2,785 | \$ 1,253 | \$ 4,038 |
| Derivative assets | 207 | 890 | 1,097 | - | 2,085 | 2,085 |
| Available-for-sale debt securities | 769 | 338 | 1,107 | 1,414 | 368 | 1,782 |
| All other assets | 24 | 123 | 147 | - | 166 | 166 |
| Total | \$3,485 | \$ 2,235 | \$ 5,720 | \$4,199 | \$ 3,872 | \$ 8,071 |
| On-balance sheet liabilities |  |  |  |  |  |  |
| Derivative liabilities | \$ | \$ 58 | \$ 58 | \$ | \$ 781 | \$ 781 |
| Long.term debt | 3,162 | - | 3,162 | 2,753 | - | 2,753 |
| Total | \$3,162 | \$ 58 | \$ 3,220 | \$2,753 | \$ 781 | \$ 3,534 |
| Total assets of VIEs | \$3,485 | \$43,476 | \$46,961 | \$4,199 | \$56,590 | \$60,789 |



The Corporation's maximum loss exposure of $\$ 6.8$ billion at December 31, 2010 includes $\$ 1.8$ billion of super senior CDO exposure, $\$ 2.2$ billion of exposure to CDO financing facilities and $\$ 2.8$ billion of other non-super senior exposure. This exposure is calculated on a gross basis and does not reflect any benefit from insurance purchased from third parties other than the CDO itself. Net of purchased insurance but including securities retained from liquidations of CDOs, the Corporation's net exposure to super senior CDOrelated positions was $\$ 1.2$ billion at December 31, 2010. The CDO financing facilities, which are consolidated, obtain funding from third parties for CDO positions which are principally classified in trading account assets on the Corporation's Consolidated Balance Sheet. The CDO financing facilities' longterm debt at December 31, 2010 totaled $\$ 2.6$ billion, all of which has recourse to the general credit of the Corporation.

At December 31, 2010, the Corporation had $\$ 951$ million notional amount of super senior CDO liquidity exposure, including derivatives and other exposures with third parties that hold super senior cash positions on the Corporation's behalf and to certain synthetic CDOs through which the Corporation is obligated to purchase super senior CDO securities at par value if the CDOs
need cash to make payments due under credit default swaps written by the CDO vehicles. Liquidity-related commitments also include $\$ 1.7$ billion notional amount of derivative contracts with unconsolidated special purpose entities (SPEs), principally CDO vehicles, which hold non-super senior CDO debt securities or other debt securities on the Corporation's behalf. These derivatives comprise substantially all of the $\$ 1.7$ billion notional amount of derivative contracts through which the Corporation obtains funding from third-party SPEs, as described in Note 14-Commitments and Contingencies. The Corporation's $\$ 2.7$ billion of aggregate liquidity exposure to CDOs at December 31, 2010 is included in the table above to the extent that the Corporation sponsored the CDO vehicle or the liquidity exposure is more than insignificant compared to total assets of the CDO vehicle. Liquidity exposure included in the table is reported net of previously recorded losses.

The Corporation's maximum exposure to loss is significantly less than the total assets of the CDO vehicles in the table above because the Corporation typically has exposure to only a portion of the total assets. The Corporation has also purchased credit protection from some of the same CDO vehicles in which it invested, thus reducing the Corporation's maximum exposure to loss.

## Customer Vehicles

Customer vehicles include credit-linked and equity-linked note vehicles, repackaging vehicles and asset acquisition vehicles, which are typically created on behalf of customers who wish to obtain market or credit exposure to a specific company or financial instrument.

The table below summarizes select information related to customer vehicles in which the Corporation held a variable interest at December 31, 2010 and 2009.

| (Dollars in millions) | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  |  | 2009 |  |  |
|  | Consolidated | Unconsolidated | Total | Consolidated | Unconsolidated | Total |
| Maximum loss exposure | \$4,449 | \$2,735 | \$ 7,184 | \$277 | \$10,229 | \$10,506 |
| On-balance sheet assets |  |  |  |  |  |  |
| Trading account assets | \$3,458 | \$ 876 | \$ 4,334 | \$183 | \$ 1,334 | \$ 1,517 |
| Derivative assets | 1 | 722 | 723 | 78 | 4,815 | 4,893 |
| Loans and leases | - | - | - | - | 65 | 65 |
| Loans held-for-sale | 959 | - | 959 | - | - | - |
| All other assets | 1,429 | - | 1,429 | 16 | - | 16 |
| Total | \$5,847 | \$1,598 | \$ 7,445 | \$277 | \$ 6,214 | \$ 6,491 |
| On-balance sheet liabilities |  |  |  |  |  |  |
| Derivative liabilities | \$ 1 | \$ 23 | \$ 24 | \$ - | \$ 267 | \$ 267 |
| Commercial paper and other short-term borrowings | - | - | - | 22 | - | 22 |
| Long-term debt | 3,457 | - | 3,457 | 50 | 74 | 124 |
| All other liabilities | - | 140 | 140 | - | 1,357 | 1,357 |
| Total | \$3,458 | \$ 163 | \$ 3,621 | \$ 72 | \$ 1,698 | \$ 1,770 |
| Total assets of VIEs | \$5,847 | \$6,090 | \$11,937 | \$277 | \$16,487 | \$16,764 |

Credit-linked and equity-linked note vehicles issue notes which pay a return that is linked to the credit or equity risk of a specified company or debt instrument. The vehicles purchase high-grade assets as collateral and enter into credit default swaps or equity derivatives to synthetically create the credit or equity risk to pay the specified return on the notes. The Corporation is typically the counterparty for some or all of the credit and equity derivatives and, to a lesser extent, it may invest in securities issued by the vehicles. The Corporation may also enter into interest rate or foreign currency derivatives with the vehicles. The Corporation also had approximately $\$ 338$ million of other liquidity commitments, including written put options and collateral value guarantees, with unconsolidated credit-linked and equity-linked note vehicles at December 31, 2010.

Repackaging vehicles issue notes that are designed to incorporate risk characteristics desired by customers. The vehicles hold debt instruments such as corporate bonds, convertible bonds or asset-backed securities with the desired credit risk profile. The Corporation enters into derivatives with the vehicles to change the interest rate or foreign currency profile of the debt instruments. If a vehicle holds convertible bonds and the Corporation retains
the conversion option, the Corporation is deemed to have controlling financial interest and consolidates the vehicle.

Asset acquisition vehicles acquire financial instruments, typically loans, at the direction of a single customer and obtain funding through the issuance of structured notes to the Corporation. At the time the vehicle acquires an asset, the Corporation enters into total return swaps with the customer such that the economic returns of the asset are passed through to the customer. The Corporation is exposed to counterparty credit risk if the asset declines in value and the customer defaults on its obligation to the Corporation under the total return swaps. The Corporation's risk may be mitigated by collateral or other arrangements. The Corporation consolidates these vehicles because it has the power to manage the assets in the vehicles and owns all of the structured notes issued by the vehicles.

The Corporation's maximum exposure to loss from customer vehicles includes the notional amount of the credit or equity derivatives to which the Corporation is a counterparty, net of losses previously recorded, and the Corporation's investment, if any, in securities issued by the vehicles. It has not been reduced to reflect the benefit of offsetting swaps with the customers or collateral arrangements.

Other Variable Interest Entities
Other consolidated VIEs primarily include investment vehicles, a collective investment fund, leveraged lease trusts and asset acquisition conduits. Other unconsolidated VIEs primarily include investment vehicles and real estate vehicles.

The table below summarizes select information related to other VIEs in which the Corporation held a variable interest at December 31, 2010 and 2009.

| (Dollars in millions) | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  |  | 2009 |  |  |
|  | Consolidated | Unconsolidated | Total | Consolidated | Unconsolidated | Total |
| Maximum loss exposure | \$19,248 | \$ 8,796 | \$28,044 | \$12,073 | \$11,290 | \$23,363 |
| On-balance sheet assets |  |  |  |  |  |  |
| Trading account assets | \$ 8,900 | \$ | \$ 8,900 | \$ 269 | \$ | \$ 269 |
| Derivative assets | - | 228 | 228 | 1,096 | 83 | 1,179 |
| Available-for-sale debt securities | 1,832 | 73 | 1,905 | 1,822 | - | 1,822 |
| Loans and leases | 7,690 | 1,122 | 8,812 | 7,820 | 1,200 | 9,020 |
| Allowance for loan and lease losses | (27) | (22) | (49) | (29) | (10) | (39) |
| Loans held-for-sale | 262 | 949 | 1,211 | 197 | - | 197 |
| All other assets | 937 | 6,440 | 7,377 | 1,285 | 8,777 | 10,062 |
| Total | \$19,594 | \$ 8,790 | \$28,384 | \$12,460 | \$10,050 | \$22,510 |
| On-balance sheet liabilities |  |  |  |  |  |  |
| Derivative liabilities | \$ - | \$ 9 | \$ 9 | \$ | \$ 80 | \$ 80 |
| Commercial paper and other short-term borrowings | 1,115 | - | 1,115 | 965 | - | 965 |
| Long-term debt | 229 | - | 229 | 33 | - | 33 |
| All other liabilities | 8,683 | 1,657 | 10,340 | 3,123 | 1,466 | 4,589 |
| Total | \$10,027 | \$ 1,666 | \$11,693 | \$ 4,121 | \$ 1,546 | \$ 5,667 |
| Total assets of VIEs | \$19,594 | \$13,416 | \$33,010 | \$12,460 | \$14,819 | \$27,279 |

## Investment Vehicles

The Corporation sponsors, invests in or provides financing to a variety of investment vehicles that hold loans, real estate, debt securities or other financial instruments and are designed to provide the desired investment profile to investors. At December 31, 2010 and 2009, the Corporation's consolidated investment vehicles had total assets of $\$ 5.6$ billion and $\$ 5.7$ billion. The Corporation also held investments in unconsolidated vehicles with total assets of $\$ 7.9$ billion and $\$ 8.8$ billion at December 31, 2010 and 2009. The Corporation's maximum exposure to loss associated with both consolidated and unconsolidated investment vehicles totaled $\$ 8.7$ billion and $\$ 10.7$ billion at December 31, 2010 and 2009.

On January 1, 2010, the Corporation consolidated $\$ 2.5$ billion of investment vehicles. This amount included a real estate investment fund with assets of $\$ 1.5$ billion which is designed to provide returns to clients through limited partnership holdings. At that time, the Corporation was the general partner and also had a limited partnership interest in the fund. The Corporation provided support to the fund and therefore considers the fund to be a VIE. In late 2010, the Corporation transferred its general partnership interest to a third party, conveying all ongoing management responsibilities to that third party. As a result, the Corporation deconsolidated the fund because it no longer has a controlling financial interest. The Corporation continues to retain a limited partnership interest, which is included in the table above.

## Collective Investment Funds

The Corporation is trustee for certain common and collective investment funds that provide investment opportunities for eligible clients of GWIM. These funds, which had total assets of $\$ 21.2$ billion at December 31, 2010, hold a variety of cash, debt and equity investments. The Corporation does not have a variable interest in these funds, except as described below.

In 2010, the governing documents of a stable value collective investment fund with total assets of $\$ 8.1$ billion at December 31, 2010 were modified to facilitate the planned liquidation of the fund. The modifications resulted in the termination of third-party insurance contracts which were replaced by a guarantee from the Corporation of the net asset value of the fund, which principally holds short-term U.S. Treasury and agency securities. In addition, the Corporation acquired the unilateral ability to replace the fund's asset manager. As a result of these changes, the Corporation acquired a controlling financial interest in and consolidated the fund. Consolidation did not have a significant impact on the Corporation's 2010 results of operations. This fund was not previously consolidated because the Corporation did not have the unilateral power to replace the asset manager, nor did it have a variable interest in the fund that was more than insignificant. Liquidation of the fund will be finalized in 2011.

## Leveraged Lease Trusts

The Corporation's net investment in consolidated leveraged lease trusts totaled $\$ 5.2$ billion and $\$ 5.6$ billion at December 31, 2010 and 2009. The trusts hold long-lived equipment such as rail cars, power generation and distribution equipment, and commercial aircraft. The Corporation structures the trusts and holds a significant residual interest. The net investment represents the Corporation's maximum loss exposure to the trusts in the unlikely event that the leveraged lease investments become worthless. Debt issued by the leveraged lease trusts is nonrecourse to the Corporation. The Corporation has no liquidity exposure to these leveraged lease trusts.

## Asset Acquisition Conduits

The Corporation currently administers two asset acquisition conduits which acquire assets on behalf of the Corporation or its customers. The Corporation liquidated a third conduit during 2010. Liquidation of the conduit did not impact the Corporation's consolidated results of operations. These conduits had total assets of $\$ 640$ million and $\$ 2.2$ billion at December 31, 2010 and 2009. One of the conduits acquires assets at the request of customers who wish to benefit from the economic returns of the specified assets on a leveraged basis, which consist principally of liquid exchange-traded equity securities. The second conduit holds subordinate AFS debt securities for the Corporation's benefit. The conduits obtain funding by issuing commercial paper and subordinate certificates to third-party investors. Repayment of the commercial paper and certificates is assured by total return swaps between the Corporation and the conduits. When a conduit acquires assets for the benefit of the Corporation's customers, the Corporation enters into back-to-back total return swaps with the conduit and the customer such that the economic returns of the assets are passed through to the customer. The Corporation's exposure to the counterparty credit risk of its customers is mitigated by the ability to liquidate an asset held in the conduit if the customer defaults on its obligation. The Corporation receives fees for serving as commercial paper placement agent and for providing administrative services to the conduits. At December 31, 2010 and 2009, the Corporation did not hold any commercial paper issued by the asset acquisition conduits other than incidentally and in its role as a commercial paper dealer.

## Real Estate Vehicles

The Corporation held investments in unconsolidated real estate vehicles of $\$ 5.4$ billion and $\$ 4.8$ billion at December 31, 2010 and 2009, which consisted of limited partnership investments in unconsolidated limited partnerships that finance the construction and rehabilitation of affordable rental housing. An unrelated third party is typically the general partner and has control over the significant activities of the partnership. The Corporation earns a return primarily through the receipt of tax credits allocated to the affordable housing projects. The Corporation's risk of loss is mitigated by policies requiring that the project qualify for the expected tax credits prior to making its investment. The Corporation may from time to time be asked to invest additional amounts to support a troubled project. Such additional investments have not been and are not expected to be significant.

## Other Transactions

In 2010 and prior years, the Corporation transferred pools of securities to certain independent third parties and provided financing for approximately 75 percent of the purchase price under asset-backed financing arrangements. At December 31, 2010 and 2009, the Corporation's maximum loss exposure under these financing arrangements was $\$ 6.5$ billion and $\$ 6.8$ billion, substantially all of which was classified as loans on the Corporation's Consolidated Balance Sheet. All principal and interest payments have been received when due in accordance with their contractual terms. These arrangements are not included in the table on page 186 because the purchasers are not VIEs.

## NOTE 9 Representations and Warranties Obligations and Corporate Guarantees

## Background

The Corporation securitizes first-lien residential mortgage loans, generally in the form of MBS guaranteed by GSEs or GNMA in the case of FHA-insured and VAguaranteed mortgage loans. In addition, in prior years, legacy companies and certain subsidiaries have sold pools of first-lien residential mortgage loans, home equity loans and other second-lien loans as private-label securitizations or in the form of whole loans. In connection with these transactions, the Corporation or certain subsidiaries or legacy companies made various representations and warranties. These representations and warranties, as governed by the agreements, related to, among other things, the ownership of the loan, the validity of the lien securing the loan, the absence of delinquent taxes or liens against the property securing the loan, the process used to select the loan for inclusion in a transaction, the loan's compliance with any applicable loan criteria, including underwriting standards, and the loan's compliance with applicable federal, state and local laws. Breaches of these representations and warranties may result in a requirement to repurchase mortgage loans, or to otherwise make whole or provide other remedy to a whole-loan buyer or securitization trust. In such cases, the Corporation would be exposed to any subsequent credit loss on the mortgage loans. The Corporation's credit loss would be reduced by any recourse to sellers of loans (i.e., correspondents) for representations and warranties previously provided. When a loan was originated by a third-party correspondent, the Corporation typically has the right to seek a recovery of related repurchase losses from the correspondent originator. At December 31, 2010, loans purchased from correspondents comprised approximately 25 percent of loans underlying outstanding repurchase demands. During 2010, the Corporation experienced a decrease in recoveries from correspondents, however, the actual recovery rate may vary from period to period based upon the underlying mix of correspondents (e.g., active, inactive, out-of-business originators) from which recoveries are sought.

Subject to the requirements and limitations of the applicable agreements, these representations and warranties can be enforced by the securitization trustee or the whole-loan buyer as governed by the applicable agreement or, in certain first-lien and home equity securitizations where monolines have insured all or some of the related bonds issued, by the monoline insurer at any time over the life of the loan. Importantly, in the case of non-GSE loans, the contractual liability to repurchase arises if there is a breach of the representations and warranties that materially and adversely affects the interest of all investors, or if there is a breach of other standards established by the terms of the related sale agreement. The Corporation believes that the longer a loan performs prior to default, the less likely it is that an alleged underwriting breach of representations and warranties had a material impact on the loan's performance. Historically, most demands for repurchase have occurred within the first few years after origination, generally after a loan has defaulted. However, in recent periods the time horizon has lengthened due to increased repurchase request activity across all vintages.

The Corporation's current operations are structured to limit the risk of repurchase and accompanying credit exposure by seeking to ensure consistent production of mortgages in accordance with its underwriting procedures and by servicing those mortgages consistent with its contractual obligations. In addition, certain securitizations include guarantees written to protect certain purchasers of the loans from credit losses up to a specified amount. The fair value of the probable losses to be absorbed under the representations and warranties obligations and the guarantees is recorded as an accrued liability when the loans are sold. The liability for probable losses is updated by accruing a representations and warranties provision in mortgage banking income throughout the life of the loan as necessary when additional relevant information becomes available. The methodology used to estimate
the liability for representations and warranties is a function of the representations and warranties given and considers a variety of factors, which include, depending on the counterparty, actual defaults, estimated future defaults, historical loss experience, estimated home prices, probability that a repurchase request will be received, number of payments made by the borrower prior to default and probability that a loan will be required to be repurchased. Historical experience also considers recent events such as the agreements with the GSEs on December 31, 2010, as discussed below. Changes to any one of these factors could significantly impact the estimate of the Corporation's liability.

Although the timing and volume has varied, repurchase and similar requests have increased in recent periods from buyers and insurers, including monolines. The Corporation expects that efforts to attempt to assert repurchase requests by monolines, whole-loan investors and private-label securitization investors may increase in the future. A loan-by-loan review of all properly presented repurchase requests is performed and demands have been and will continue to be contested to the extent not considered valid. In addition, the Corporation may reach a bulk settlement with a counterparty (in lieu of the loan-by-loan review process), on terms determined to be advantageous to the Corporation.

On December 31, 2010, the Corporation reached agreements with the GSEs under which the Corporation paid $\$ 2.8$ billion to resolve repurchase claims involving certain residential mortgage loans sold directly to the GSEs by entities related to legacy Countrywide. The agreements with FHLMC for $\$ 1.28$ billion extinguishes all outstanding and potential mortgage repurchase and make-whole claims arising out of any alleged breaches of selling representations and warranties related to loans sold directly by legacy Countrywide to FHLMC through 2008, subject to certain exceptions the Corporation does not believe to be material. The agreement with FNMA for $\$ 1.52$ billion substantially resolves the existing pipeline of repurchase and make-whole claims outstanding as of September 20, 2010 arising out of alleged breaches of selling representations and warranties related to loans sold directly by legacy Countrywide to FNMA. These agreements with the GSEs do not cover legacy Bank of America first-lien residential mortgage loans sold directly to the GSEs, other loans sold to the GSEs other than described above, loan servicing obligations, other contractual obligations or loans contained in private-label securitizations.

Overall, repurchase requests and disputes with buyers and insurers regarding representations and warranties have increased in recent periods which has resulted in an increase in unresolved repurchase requests for monolines and other non-GSE counterparties. Generally the volume of unresolved repurchase requests from the FHA and VA for loans in GNMA-guaranteed securities is not significant because the requests are limited in number and are typically resolved quickly. The volume of repurchase claims as a percentage of the volume of loans purchased arising from loans sourced from brokers or purchased from third-party sellers is relatively consistent with the
volume of repurchase claims as a percentage of the volume of loans originated by the Corporation or its subsidiaries or legacy companies.

The table below presents outstanding claims by counterparty and product type at December 31, 2010 and 2009. The information for 2010 reflects the impact of the recent agreements with the GSEs.

## Outstanding Claims by Counterparty and Product

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| By counterparty |  |  |
| GSEs | \$ 2,821 | \$3,284 |
| Monolines | 4,799 | 2,944 |
| Whole loan and private-label securitization investors and other ${ }^{(1)}$ | 3,067 | 1,372 |
| Total outstanding claims by counterparty | \$10,687 | \$7,600 |
| By product type |  |  |
| Prime loans | \$ 2,040 | \$1,778 |
| Alt-A | 1,190 | 1,629 |
| Home equity | 3,658 | 2,223 |
| Pay option | 2,889 | 1,122 |
| Subprime | 734 | 540 |
| Other | 176 | 308 |
| Total outstanding claims by product type | \$10,687 | \$7,600 |

[^12]As presented in the table on page 189, during 2010 and 2009, the Corporation paid $\$ 5.2$ billion and $\$ 2.6$ billion to resolve $\$ 6.6$ billion and $\$ 3.0$ billion of repurchase claims through repurchase or reimbursement to the investor or securitization trust for losses they incurred, resulting in a loss on the related loans at the time of repurchase or reimbursement of $\$ 3.5$ billion and $\$ 1.6$ billion. The amount of loss for loan repurchases is reduced by the fair value of the underlying loan collateral. The repurchase of loans and indemnification payments related to first-lien and home equity repurchase claims generally resulted from material breaches of representations and warranties related to the loans' material compliance with the applicable underwriting standards, including borrower misrepresentation, credit exceptions without sufficient compensating factors and non-compliance with underwriting procedures, although the actual representations made in a sales transaction and the resulting repurchase and indemnification activity can vary by transaction or investor. A direct relationship between the type of defect that causes the breach of representations and warranties and the severity of the realized loss has not been observed. Transactions to repurchase or indemnification payments related to first-lien residential mortgages primarily involved the GSEs while transactions to repurchase or indemnification payments for home equity loans primarily involved the monolines.

The table below presents first-lien and home equity loan repurchases and indemnification payments for 2010 and 2009. These amounts include the agreement that was reached with FNMA as discussed on page 188. These amounts do not include $\$ 1.3$ billion paid related to the agreement with FHLMC due to the global nature of the agreement and, specifically, the absence of a formal apportionment of the agreement amount between current and future claims.

Loan Repurchases and Indemnification Payments


## Government-sponsored Enterprises

The Corporation and its subsidiaries have an established history of working with the GSEs on repurchase requests. Generally, the Corporation first becomes aware that a GSE is evaluating a particular loan for repurchase when the Corporation receives a request from a GSE to review the underlying loan file (file request). Upon completing its review, the GSE may submit a repurchase claim to the Corporation. Historically, most file requests have not resulted in a repurchase claim. As soon as practicable after receiving a repurchase request from either of the GSEs, the Corporation evaluates the request and takes appropriate action. Claim disputes are generally handled through loan-level negotiations with the GSEs and the Corporation seeks to resolve the repurchase request within 90 to 120 days of the receipt of the request although tolerances exist for claims that remain open beyond this timeframe. Experience with the GSEs continues to evolve and any disputes are generally related to areas including reasonableness of stated income, occupancy and undisclosed liabilities in the vintages with the highest default rates.

## Monoline Insurers

Unlike the repurchase protocols and experience established with GSEs, experience with the monolines has been varied and the protocols and experience with these counterparties has not been as predictable as with the GSEs. The timetable for the loan file request, the repurchase request, if any, response and resolution varies by monoline. Where a breach of representations and warranties given by the Corporation or subsidiaries or legacy companies is confirmed on a given loan, settlement is generally reached as to that loan within 60 to 90 days.

Properly presented repurchase requests for the monolines are reviewed on a loan-by-loan basis. As part of an ongoing claims process, if the Corporation does not believe a claim is valid, it will deny the claim and generally indicate the reason for the denial to facilitate meaningful dialogue with the counterparty although it is not contractually obligated to do so. When there is disagreement as to the resolution of a claim, meaningful dialogue and negotiation is generally necessary between the parties to reach conclusion on an individual claim. Certain monolines have instituted litigation against legacy Countrywide and the Corporation. When claims from these counterparties are denied, the Corporation does not indicate its reason for denial as it is not contractually obligated to do so. In the Corporation's experience, the monolines have been generally unwilling to withdraw repurchase claims, regardless of whether and what evidence was offered to refute a claim.

The pipeline of unresolved monoline claims where the Corporation believes a valid defect has not been identified which would constitute an actionable breach of representations and warranties continued to grow in 2010. Through December 31, 2010, approximately 11 percent of monoline claims that the Corporation initially denied have subsequently been resolved through repurchase or make-whole payments and two percent have been resolved through rescission. When a claim has been denied and there has not been communication with the counterparty for six months, the Corporation views these claims as inactive; however, they remain in the outstanding claims balance until resolution.

A liability for representations and warranties has been established with respect to all monolines for monoline repurchase requests based on valid identified loan defects and for repurchase requests that are in the process of review based on historical repurchase experience with a specific monoline to the extent such experience provides a reasonable basis on which to estimate incurred losses from repurchase activity. With respect to certain monolines where the Corporation believes a more consistent purchase experience has been established, a liability has also been established related to repurchase requests subject to negotiation and unasserted requests to repurchase current and future defaulted loans. The Corporation has had limited experience with most of the monoline insurers in the repurchase process, including limited experience resolving disputed claims. Also, certain monoline insurers have instituted litigation against legacy Countrywide and Bank of America, which limits the Corporation's relationship and ability to enter into constructive dialogue with these monolines to resolve the open claims. For such monolines and other monolines with whom the Corporation has limited repurchase experience, in view of the inherent difficulty of predicting the outcome of those repurchase requests where a valid defect has not been identified or in predicting future claim requests and the related outcome in the case of unasserted requests to repurchase loans from the securitization trusts in which these monolines have insured all or some of the related bonds, the Corporation cannot reasonably estimate the eventual outcome. In addition, the timing of the ultimate resolution or the eventual loss, if any, related to those repurchase requests cannot be reasonably estimated. Thus, with respect to these monolines, a liability for representations and warranties has not been established related to repurchase requests where a valid defect has not been identified, or in the case of any unasserted requests to repurchase loans from the securitization trusts in which such monolines have insured all or some of the related bonds. However, certain monoline insurers have engaged with the Corporation and legacy Countrywide in a consistent
repurchase process and the Corporation has used that experience to record a liability related to existing and future claims from such counterparties.

At December 31, 2010, the unpaid principal balance of loans related to unresolved repurchase requests previously received from monolines was $\$ 4.8$ billion, including $\$ 3.0$ billion in repurchase requests that have been reviewed where it is believed a valid defect has not been identified which would constitute an actionable breach of representations and warranties and $\$ 1.8$ billion in repurchase requests that are in the process of review. As discussed on the previous page, a portion of the repurchase requests that are initially denied are ultimately resolved through repurchase or make-whole payments, after additional dialogue and negotiation with the monoline insurer. At December 31, 2010, the unpaid principal balance of loans for which the monolines had requested loan files for review but for which no repurchase request had been received was $\$ 10.2$ billion, excluding loans that had been paid in full. There will likely be additional requests for loan files in the future leading to repurchase requests. Such requests may relate to loans that are currently in securitization trusts or loans that have defaulted and are no longer included in the unpaid principal balance of the loans in the trusts. However, it is unlikely that a repurchase request will be received for every loan in a securitization or every file requested or that a valid defect exists for every loan repurchase request. In addition, any claims paid related to repurchase requests from a monoline are paid to the securitization trust and may be used by the securitization trust to repay any outstanding monoline advances or reduce future advances from the monolines. To the extent that a monoline has not advanced funds or does not anticipate that it will be required to advance funds to the securitization trust, the likelihood of receiving a repurchase request from a monoline may be reduced as the monoline would receive limited or no benefit from the payment of repurchase claims. Moreover, some monolines are not currently performing their obligations under the financial guaranty policies they issued which may, in certain circumstances, impact their ability to present repurchase claims.

## Whole Loan Sales and Private-label Securitizations

The Corporation and its subsidiaries have limited experience with private-label securitization repurchases as the number of recent repurchase requests received has been limited as shown in the outstanding claims table on page 188. The representations and warranties, as governed by the privatelabel securitizations, generally require that counterparties have the ability to both assert a claim and actually prove that a loan has an actionable defect under the applicable contracts. While a securitization trustee may always investigate or demand repurchase on its own action, in order for investors to direct the securitization trustee to investigate loan files or demand the repurchase of loans, the securitization agreements generally require the security holders to hold a specified percentage, such as 25 percent, of the voting rights of the outstanding securities. In addition, the Corporation believes the agreements for private-label securitizations generally contain less rigorous representations and warranties and higher burdens on investors seeking repurchases than the comparable agreements with the GSEs.

The majority of repurchase requests that the Corporation has received relate to whole loan sales. Most of the loans sold in the form of whole loans were subsequently pooled with other mortgages into private-label securitizations issued by third-party buyers of the loans. The buyers of the whole loans received representations and warranties in the sales transaction and may retain those rights even when the loans are aggregated with other collateral into private-label securitizations. Properly presented repurchase requests for these whole loans are reviewed on a loan-by-loan basis. If, after the Corporation's review, it does not believe a claim is valid, it will deny the claim and generally indicate a reason for the denial. When the counterparty agrees with the Corporation's denial of the claim, the counterparty may rescind the claim. When there is disagreement as to the resolution of the claim, meaningful
dialogue and negotiation between the parties is generally necessary to reach conclusion on an individual claim. Generally, a whole loan sale claimant is engaged in the repurchase process and the Corporation and the claimant reach resolution, either through loan-by-loan negotiation or at times, through a bulk settlement. Through December 31, 2010, approximately 17 percent of the whole loan claims that the Corporation initially denied have subsequently been resolved through repurchase or make-whole payments and 53 percent have been resolved through rescission or repayment in full by the borrower. Although the timeline for resolution varies, once an actionable breach is identified on a given loan, settlement is generally reached as to that loan within 60 to 90 days. When a claim has been denied and the Corporation does not have communication with the counterparty for six months, the Corporation views these claims as inactive; however, they remain in the outstanding claims balance until resolution.

On October 18, 2010, Countrywide Home Loans Servicing, LP (which changed its name to BAC Home Loans Servicing, LP), a wholly-owned subsidiary of the Corporation, in its capacity as servicer on 115 private-label securitizations, which was subsequently extended to 225 securitizations, received a letter that asserts breaches of certain servicing obligations, including an alleged failure to provide notice of breaches of representations and warranties with respect to mortgage loans included in the transactions. Additionally, the Corporation received new claim demands totaling $\$ 1.7$ billion in correspondence from private-label securitization investors. Private-label securitization investors generally do not have the contractual right to demand repurchase of loans directly or the right to access loan files. The inclusion of the $\$ 1.7$ billion in outstanding claims does not mean that the Corporation believes these claims have satisfied the contractual thresholds required for the private-label securitization investors to direct the securitization trustee to take action or are otherwise procedurally or substantively valid.

## Liability for Representations and Warranties and Corporate Guarantees

The liability for representations and warranties and corporate guarantees is included in accrued expenses and other liabilities and the related provision is included in mortgage banking income.

The table below presents a rollforward of the liability for representations and warranties and corporate guarantees.

|  |  |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| Liability for representations and warranties and   <br> corporate guarantees, beginning of year $\$ 3,507$ $\$ 2,271$ <br> $\quad$ Merrill Lynch acquisition - 580 <br> Additions for new sales $(4,803)$ $(1,312)$ <br> Charge-offs 6,786 1,851 <br> Provision $(82)$ 76 <br> Other $\$ 5,438$ $\$ 3,507$ <br> $\quad$ Liability for representations and warranties   <br> $\quad$ and corporate guarantees, December 31 $\$$  $\mathbf{l}$ |  |  |

The liability for representations and warranties has been established when those obligations are both probable and reasonably estimable. As previously discussed, the Corporation reached agreements with the GSEs resolving repurchase claims involving certain residential mortgage loans sold to them by entities related to legacy Countrywide. The Corporation's liability for obligations under representations and warranties given to the GSEs considers the recent agreements and their impact on the repurchase rates on future claims that may be received on loans that have defaulted or that are estimated to default. The Corporation believes that its remaining exposure to repurchase obligations for first-lien residential mortgage loans sold directly to the GSEs has been accounted for as a result of these agreements and the associated adjustments to the recorded liability for representations and
warranties for first-lien residential mortgage loans sold directly to the GSEs in 2010 and 2009, and for other loans sold directly to the GSEs and not covered by these agreements. The Corporation believes its predictive repurchase models, utilizing its historical repurchase experience with the GSEs while considering current developments, including the recent agreements, projections of future defaults, as well as certain assumptions regarding economic conditions, home prices and other matters, allows it to reasonably estimate the liability for representations and warranties on loans sold to the GSEs. However, future provisions for representations and warranties liability to the GSEs may be affected if actual experience is different from the Corporation's historical experience with the GSEs or the Corporation's projections of future defaults and assumptions regarding economic conditions, home prices and other matters that are incorporated in the provision calculation. Although experience with non-GSE claims remains limited, the Corporation expects additional activity in this area going forward and the volume of repurchase claims from monolines, whole-loan investors and investors in private-label securitizations could increase in the future. It is reasonably possible that future losses may occur and the Corporation's estimate is that the upper range of possible loss related to non-GSE sales could be $\$ 7$ billion to $\$ 10$ billion over existing accruals. This estimate does not represent a probable loss, is based on currently available information, significant judgment, and a number of assumptions that are subject to change. A significant portion of this estimate relates to loans originated through legacy Countrywide, and the repurchase liability is generally limited to the original seller of the loan. Future provisions and possible loss or range of loss may be impacted if actual results are different from the Corporation's assumptions regarding economic conditions, home prices and other matters and may vary by counterparty. The resolution of the repurchase claims process with the non-GSE counterparties will likely be a protracted process, and the Corporation will vigorously contest any request for repurchase if it concludes that a valid basis for repurchase claim does not exist.

## NOTE 10 Goodwill and Intangible Assets

## Goodwill

The table below presents goodwill balances by business segment at December 31, 2010 and 2009. As discussed in more detail in Note 26 - Business Segment Information, on January 1, 2010, the Corporation realigned the former Global Banking and Global Markets business segments. There was no impact on the reporting units used in goodwill impairment testing. The reporting units utilized for goodwill impairment tests are the business segments or one level below the business segments as outlined in the following table. Substantially all of the decline in goodwill in 2010 is the result of $\$ 12.4$ billion of goodwill impairment charges, as described below. No goodwill impairment was recognized in 2009. The decline in GWIM was attributable to the sale of Columbia Management's long-term asset management business.

|  | December $\mathbf{3 1}$ |  |
| :--- | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 |
| Deposits | $\$ 17,875$ | $\$ 17,875$ |
| Global Card Services | 11,889 | 22,292 |
| Home Loans \& Insurance | 2,796 | 4,797 |
| Global Commercial Banking | 20,656 | 20,656 |
| Global Banking \& Markets | 10,682 | 10,252 |
| Global Wealth \& Investment Management | 9,928 | 10,411 |
| All Other | 35 | 31 |
| Total goodwill | $\$ 73,861$ | $\$ 86,314$ |

## Global Card Services Impairment

On July 21, 2010, the Financial Reform Act was signed into law. Under the Financial Reform Act and its amendment to the Electronic Fund Transfer Act, the Federal Reserve must adopt rules within nine months of enactment of the Financial Reform Act regarding the interchange fees that may be charged with respect to electronic debit transactions. Those rules will take effect one year after enactment of the Financial Reform Act. The Financial Reform Act and the applicable rules are expected to materially reduce the future revenues generated by the debit card business of the Corporation. The Corporation's consumer and small business card products, including the debit card business, are part of an integrated platform within Global Card Services. During the three months ended September 30, 2010, the Corporation's estimate of revenue loss due to the Financial Reform Act was approximately $\$ 2.0$ billion annually based on current volumes. Accordingly, the Corporation performed an impairment test for Global Card Services during the three months ended September 30, 2010.

In step one of the impairment test, the fair value of Global Card Services was estimated under the income approach where the significant assumptions included the discount rate, terminal value, expected loss rates and expected new account growth. The Corporation also updated its estimated cash flows to reflect the current strategic plan forecast and other portfolio assumptions. Based on the results of step one of the impairment test, the Corporation determined that the carrying amount of Global Card Services, including goodwill, exceeded the fair value. The carrying amount, fair value and goodwill for the Global Card Services reporting unit were $\$ 39.2$ billion, $\$ 25.9$ billion and $\$ 22.3$ billion, respectively. Accordingly, the Corporation performed step two of the goodwill impairment test for this reporting unit. In step two, the Corporation compared the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. Under step two of the impairment test, significant assumptions in measuring the fair value of the assets and liabilities including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. Based on the results of this goodwill impairment test for Global Card Services, the carrying value of the goodwill assigned to the reporting unit exceeded the implied fair value by $\$ 10.4$ billion. Accordingly, the Corporation recorded a non-cash, non-tax deductible goodwill impairment charge of $\$ 10.4$ billion to reduce the carrying value of goodwill in Global Card Services from $\$ 22.3$ billion to $\$ 11.9$ billion. The goodwill impairment test included limited mitigation actions in Global Card Services to recapture lost revenue. Although the Corporation has identified other potential mitigation actions, the impact of these actions going forward did not reduce the goodwill impairment charge because these actions are in the early stages of development and, additionally, certain of them may impact segments other than Global Card Services (e.g., Deposits).

Due to the continued stress on Global Card Services as a result of the Financial Reform Act, the Corporation concluded that an additional impairment test should be performed for this reporting unit during the three months ended December 31, 2010. In step one of the goodwill impairment test, the fair value of Global Card Services was estimated under the income approach. The significant assumptions under the income approach included the discount rate, terminal value, expected loss rates and expected new account growth. The carrying amount, fair value and goodwill for the Global Card Services reporting unit were $\$ 27.5$ billion, $\$ 27.6$ billion and $\$ 11.9$ billion, respectively. The estimated fair value as a percent of the carrying amount at December 31, 2010 was 100 percent. Although the fair value exceeded the carrying amount in step one of the Global Card Services goodwill impairment test, to further substantiate the value of goodwill, the Corporation also performed the step two test for this reporting unit. Under step two of the goodwill impairment test for this reporting unit, significant assumptions in measuring the fair value of the assets and liabilities of the reporting unit including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. The results of step two of the goodwill impairment test indicated that the remaining balance of goodwill of $\$ 11.9$ billion was not impaired as of December 31, 2010.

On December 16, 2010, the Federal Reserve released proposed regulations to implement the Durbin Amendment of the Financial Reform Act, which are scheduled to be effective July 21, 2011. The proposed regulations included two alternative interchange fee standards that would apply to all covered issuers: one based on each issuer's costs, with a safe harbor initially set at $\$ 0.07$ per transaction and a cap initially set at $\$ 0.12$ per transaction, and the other a stand-alone cap initially set at $\$ 0.12$ per transaction. Although the range of estimated revenue loss based on the proposed regulations was slightly higher than the Corporation's original estimate of $\$ 2.0$ billion, given the uncertainty around the potential outcome, the Corporation did not change the revenue loss estimate used in the goodwill impairment test during the three months ended December 31, 2010. If the final Federal Reserve rule sets interchange fee standards that are significantly lower than the interchange fee assumptions the Corporation used in this goodwill impairment test, the Corporation will be required to perform an additional goodwill impairment test. If the final interchange fee standards are at the lowest proposed fee alternative, the Corporation's current estimate of the revenue loss could result in an additional goodwill impairment charge for Global Card Services. In view of the uncertainty with model inputs including the final ruling, changes in the economic outlook and the corresponding impact to revenues and asset quality, and the impacts of mitigation actions, it is not possible to estimate the amount or range of amounts of additional goodwill impairment, if any.

## Home Loans \& Insurance Impairment

During the three months ended December 31, 2010, the Corporation performed an impairment test for the Home Loans \& Insurance reporting unit as it was likely that there was a decline in its fair value as a result of increased
uncertainties, including existing and potential litigation exposure and other potential risks, higher current servicing costs including loss mitigation efforts, foreclosure related issues and the redeployment of centralized sales resources to address servicing needs. In step one of the goodwill impairment test, the fair value of Home Loans \& Insurance was estimated based on a combination of the market approach and the income approach. Under the market approach valuation, significant assumptions included market multiples and a control premium. The significant assumptions for the valuation of Home Loans \& Insurance under the income approach included cash flow estimates, the discount rate and the terminal value. These assumptions were updated to reflect the current strategic plan forecast and to address the increased uncertainties referenced above. Based on the results of step one of the impairment test, the Corporation determined that the carrying amount of Home Loans \& Insurance, including goodwill, exceeded the fair value. The carrying amount, fair value and goodwill for the Home Loans \& Insurance reporting unit were $\$ 24.7$ billion, $\$ 15.1$ billion and $\$ 4.8$ billion, respectively. Accordingly, the Corporation performed step two of the goodwill impairment test for this reporting unit. In step two, the Corporation compared the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. Under step two of the goodwill impairment test, significant assumptions in measuring the fair value of the assets and liabilities of the reporting unit including discount rates, loss rates and interest rates were updated to reflect the current economic conditions. Based on the results of step two of the impairment test, the carrying value of the goodwill assigned to Home Loans \& Insurance exceeded the implied fair value by $\$ 2.0$ billion. Accordingly, the Corporation recorded a non-cash, non-tax deductible goodwill impairment charge of $\$ 2.0$ billion as of December 31, 2010 to reduce the carrying value of goodwill in the Home Loans \& Insurance reporting unit.

## Intangible Assets

The table below presents the gross carrying amounts and accumulated amortization related to intangible assets at December 31, 2010 and 2009.

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  |
|  | Gross Carrying Value | Accumulated Amortization | Gross <br> Carrying Value | Accumulated Amortization |
| Purchased credit card relationships | \$ 7,162 | \$ 4,085 | \$ 7,179 | \$3,452 |
| Core deposit intangibles | 5,394 | 4,094 | 5,394 | 3,722 |
| Customer relationships | 4,232 | 1,222 | 4,232 | 760 |
| Affinity relationships | 1,647 | 902 | 1,651 | 751 |
| Other intangibles | 3,087 | 1,296 | 3,438 | 1,183 |
| Total intangible assets | \$21,522 | \$11,599 | \$21,894 | \$9,868 |

None of the intangible assets were impaired at December 31, 2010 or 2009. Amortization of intangibles expense was $\$ 1.7$ billion, $\$ 2.0$ billion and $\$ 1.8$ billion in 2010, 2009 and 2008. The Corporation estimates aggregate amortization expense will be approximately $\$ 1.5$ billion, $\$ 1.3$ billion, $\$ 1.2$ billion, $\$ 1.0$ billion and $\$ 900$ million for 2011 through 2015, respectively.

## NOTE 11 Deposits

The Corporation had U.S. certificates of deposit and other U.S. time deposits of $\$ 100$ thousand or more totaling $\$ 60.5$ billion and $\$ 99.4$ billion at December 31, 2010 and 2009. Non-U.S. certificates of deposit and other non-U.S. time deposits of $\$ 100$ thousand or more totaled $\$ 64.9$ billion and $\$ 67.2$ billion at December 31, 2010 and 2009. The table below presents the contractual maturities for time deposits of $\$ 100$ thousand or more at December 31, 2010.

Time deposits of \$100 thousand or more

| (Dollars in millions) | Three months or Less |  | Thereafter | Total |
| :---: | :---: | :---: | :---: | :---: |
| U.S. certificates of deposit and other time deposits | \$21,486 | \$29,097 | \$9,954 | \$60,537 |
| Non-U.S. certificates of deposit and other time deposits | 61,717 | 2,559 | 660 | 64,936 |

The scheduled contractual maturities for total time deposits at December 31, 2010 are presented in the table below.

| (Dollars in millions) | U.S. | Non-U.S. | Total |
| :---: | :---: | :---: | :---: |
| Due in 2011 | \$110,176 | \$71,104 | \$181,280 |
| Due in 2012 | 12,853 | 150 | 13,003 |
| Due in 2013 | 4,426 | 119 | 4,545 |
| Due in 2014 | 2,944 | 14 | 2,958 |
| Due in 2015 | 1,793 | 1 | 1,794 |
| Thereafter | 4,091 | 87 | 4,178 |
| Total time deposits | \$136,283 | \$71,475 | \$207,758 |

## NOTE 12 Federal Funds Sold, Securities Borrowed or Purchased Under Agreements to Resell and Short-term Borrowings

The following table presents federal funds sold or purchased, securities borrowed or purchased and loaned or sold under agreements to resell or repurchase, and other short-term borrowings.

| (Dollars in millions) | 2010 |  | 2009 |  | 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Rate | Amount | Rate | Amount | Rate |
| Federal funds sold and securities borrowed or purchased under agreements to resell |  |  |  |  |  |  |
| At December 31 | \$209,616 | 0.85\% | \$189,933 | 0.78\% | \$ 82,478 | 0.95\% |
| Average during the year | 256,943 | 0.71 | 235,764 | 1.23 | 128,053 | 2.59 |
| Maximum month-end balance during year | 314,932 | n/a | 271,321 | n/a | 152,436 | n/a |
| Federal funds purchased |  |  |  |  |  |  |
| At December 31 | 1,458 | 0.14 | 4,814 | 0.09 | 14,432 | 0.11 |
| Average during year | 4,718 | 0.15 | 4,239 | 0.05 | 8,969 | 1.67 |
| Maximum month-end balance during year | 8,320 | n/a | 4,814 | n/a | 18,788 | n/a |
| Securities loaned or sold under agreements to repurchase |  |  |  |  |  |  |
| At December 31 | 243,901 | 1.15 | 250,371 | 0.39 | 192,166 | 0.84 |
| Average during year | 348,936 | 0.74 | 365,624 | 0.96 | 264,012 | 2.54 |
| Maximum month-end balance during year | 458,532 | n/a | 407,967 | n/a | 295,537 | n/a |
| Commercial paper |  |  |  |  |  |  |
| At December 31 | 15,093 | 0.65 | 13,131 | 0.65 | 37,986 | 1.80 |
| Average during year | 25,923 | 0.56 | 26,697 | 1.03 | 57,337 | 3.09 |
| Maximum month-end balance during year | 36,236 | n/a | 37,025 | n/a | 65,399 | n/a |
| Other short-term borrowings |  |  |  |  |  |  |
| At December 31 | 44,869 | 2.02 | 56,393 | 1.72 | 120,070 | 2.07 |
| Average during year | 50,752 | 1.88 | 92,084 | 1.87 | 125,385 | 2.99 |
| Maximum month-end balance during year | 63,081 | n/a | 169,602 | n/a | 160,150 | n/a |

$\mathrm{n} / \mathrm{a}=$ not applicable

Bank of America, N.A. maintains a global program to offer up to a maximum of $\$ 75.0$ billion outstanding at any one time, of bank notes with fixed or floating rates and maturities of at least seven days from the date of issue. Short-term bank notes outstanding under this program totaled $\$ 14.6$ billion and $\$ 20.6$ billion at December 31, 2010 and 2009. These short-term bank notes, along with Federal Home Loan Bank (FHLB) advances, U.S. Treasury
tax and loan notes, and term federal funds purchased, are included in commercial paper and other short-term borrowings on the Consolidated Balance Sheet. See Note 13-Long-term Debt for information regarding the long-term notes that may be issued under the $\$ 75.0$ billion bank note program.

NOTE 13 Long-term Debt
Long-term debt consists of borrowings having an original maturity of one year or more. The table below presents the balance of long-term debt at December 31, 2010 and 2009, and the related contractual rates and maturity dates at December 31, 2010.

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Notes issued by Bank of America Corporation |  |  |
| Senior notes: |  |  |
| Fixed, with a weighted-average rate of 4.82\%, ranging from 0.25\% to 9.00\%, due 2011 to 2043 | \$ 85,157 | \$ 78,282 |
| Floating, with a weighted-average rate of 1.26\%, ranging from 0.19\% to 7.18\%, due 2011 to 2041 | 36,162 | 47,731 |
| Senior structured notes | 18,796 | 8,897 |
| Subordinated notes: |  |  |
| Fixed, with a weighted-average rate of 5.69\%, ranging from $2.40 \%$ to 10.20\%, due 2011 to 2038 | 26,553 | 28,017 |
| Floating, with a weighted-average rate of 2.00\%, ranging from 0.04\% to 5.43\%, due 2016 to 2019 | 705 | 681 |
| Junior subordinated notes (related to trust preferred securities): |  |  |
| Fixed, with a weighted-average rate of 6.72\%, ranging from $5.25 \%$ to $11.45 \%$, due 2026 to 2055 | 15,709 | 15,763 |
| Floating, with a weighted-average rate of 0.91\%, ranging from 0.55\% to 3.64\%, due 2027 to 2056 | 3,514 | 3,517 |
| Total notes issued by Bank of America Corporation | 186,596 | 182,888 |
| Notes issued by Merrill Lynch \& Co., Inc. and subsidiaries |  |  |
| Senior notes: |  |  |
| Fixed, with a weighted-average rate of 5.44\%, ranging from $0.05 \%$ to 8.83\%, due 2011 to 2037 | 43,495 | 52,506 |
| Floating, with a weighted-average rate of 1.21\%, ranging from 0.02\% to 5.21\%, due 2011 to 2037 | 27,447 | 36,624 |
| Senior structured notes | 38,891 | 48,518 |
| Subordinated notes: |  |  |
| Fixed, with a weighted-average rate of 6.05\%, ranging from $2.61 \%$ to 8.125\%, due 2016 to 2038 | 9,423 | 9,258 |
| Floating, with a weighted-average rate of 2.09\%, ranging from $0.89 \%$ to $5.29 \%$, due 2017 to 2026 | 1,935 | 1,857 |
| Junior subordinated notes (related to trust preferred securities): |  |  |
| Fixed, with a weighted-average rate of 6.91\%, ranging from $6.45 \%$ to $7.38 \%$, due 2062 to perpetual | 3,576 | 3,552 |
| Other long-term debt | 986 | 2,636 |
| Total notes issued by Merrill Lynch \& Co., Inc. and subsidiaries | 125,753 | 154,951 |
| Notes issued by Bank of America, N.A. and other subsidiaries |  |  |
| Senior notes: |  |  |
| Fixed, with a weighted-average rate of 1.13\%, ranging from 0.25\% to 7.00\%, due 2011 to 2027 | 169 | 12,461 |
| Floating, with a weighted-average rate of 0.30\%, ranging from $0.20 \%$ to $0.85 \%$, due 2011 to 2051 | 12,562 | 24,846 |
| Senior structured notes | 1,319 | - |
| Subordinated notes: |  |  |
| Fixed, with a weighted-average rate of 5.91\%, ranging from $5.30 \%$ to $7.13 \%$, due 2012 to 2036 | 5,194 | 5,193 |
| Floating, with a weighted-average rate of 0.59\%, ranging from 0.29\% to 0.60\%, due 2016 to 2019 | 2,023 | 2,272 |
| Total notes issued by Bank of America, N.A. and other subsidiaries | 21,267 | 44,772 |
| Other debt |  |  |
| Advances from Federal Home Loan Banks: |  |  |
| Fixed, with a weighted-average rate of 3.43\%, ranging from 0.38\% to 8.29\%, due 2011 to 2034 | 41,001 | 53,032 |
| Floating, with a weighted-average rate of 0.16\%, ranging from $0.16 \%$ to $0.18 \%$, due 2011 to 2013 | 750 | 750 |
| Other | 2,051 | 2,128 |
| Total other debt | 43,802 | 55,910 |
| Total long-term debt excluding consolidated VIEs | 377,418 | 438,521 |
| Long-term debt of consolidated VIEs under new consolidation guidance | 71,013 | n/a |
| Total long-term debt | \$448,431 | \$438,521 |

n/a = not applicable
At December 31, 2010, long-term debt of consolidated VIEs included credit card, automobile, home equity and other VIEs of $\$ 52.8$ billion, $\$ 6.5$ billion, $\$ 3.6$ billion and $\$ 8.1$ billion, respectively. Long-term debt of VIEs is collateralized by the assets of the VIEs. For more information, see Note 8-Securitizations and Other Variable Interest Entities.

The majority of the floating rates are based on three-and six-month London Interbank Offered Rate (LIBOR).

Bank of America Corporation, Merrill Lynch \& Co., Inc. and subsidiaries, and Bank of America, N.A. maintain various U.S. and non-U.S. debt programs to offer both senior and subordinated notes. The notes may be denominated in U.S. dollars or foreign currencies. At December 31, 2010 and 2009, the amount of foreign currency-denominated debt translated into U.S. dollars included in total long-term debt was $\$ 145.9$ billion and $\$ 156.8$ billion. Foreign currency contracts are used to convert certain foreign currency-denominated debt into U.S. dollars.

At December 31, 2010 and 2009, Bank of America Corporation had approximately $\$ 88.4$ billion and $\$ 119.1$ billion of authorized, but unissued, corporate debt and other securities under its existing U.S. shelf registration statements. At December 31, 2010 and 2009, Bank of America, N.A. had approximately $\$ 53.3$ billion and $\$ 35.3$ billion of authorized, but unissued, bank notes under its existing $\$ 75.0$ billion bank note program. Long-term bank notes issued and outstanding under Bank of America, N.A.'s $\$ 75.0$ billion bank note program totaled $\$ 7.1$ billion and $\$ 19.1$ billion at December 31, 2010 and 2009. At both December 31, 2010 and 2009, Bank of America, N.A. had approximately $\$ 20.6$ billion of authorized, but unissued, mortgage notes under its $\$ 30.0$ billion mortgage bond program.

The weighted-average effective interest rates for total long-term debt, excluding senior structured notes, total fixed-rate debt and total floating-rate debt, based on the rates in effect at December 31, 2010, were 3.96 percent, 5.02 percent and 1.09 percent, respectively, at December 31, 2010 and,
based on the rates in effect at December 31, 2009, were 3.62 percent, 4.93 percent and 0.80 percent, respectively, at December 31, 2009. The Corporation's ALM activities maintain an overall interest rate risk management strategy that incorporates the use of interest rate contracts to manage fluctuations in earnings that are caused by interest rate volatility. The Corporation's goal is to manage interest rate sensitivity so that movements in interest rates do not significantly adversely affect net interest income. The above weighted-average rates are the contractual interest rates on the debt, and do not reflect the impacts of derivative transactions.

The weighted-average interest rate for debt, excluding senior structured notes, issued by Merrill Lynch \& Co., Inc. and subsidiaries was 4.11 percent and 3.73 percent at December 31, 2010 and 2009. At December 31, 2010, the Corporation has not assumed or guaranteed the $\$ 120.9$ billion of longterm debt that was issued or guaranteed by Merrill Lynch \& Co., Inc. or its subsidiaries prior to the acquisition of Merrill Lynch by the Corporation.

Beginning late in the third quarter of 2009, in connection with the update or renewal of certain Merrill Lynch non-U.S. securities offering programs, the Corporation agreed to guarantee debt securities, warrants and/or certificates issued by certain subsidiaries of Merrill Lynch \& Co., Inc. on a going-forward basis. All existing Merrill Lynch \& Co., Inc. guarantees of securities issued by those same Merrill Lynch subsidiaries under various non-U.S. securities offering programs will remain in full force and effect as long as those securities are outstanding, and the Corporation has not assumed any of those prior Merrill Lynch \& Co., Inc. guarantees or otherwise guaranteed such securities.

Certain senior structured notes issued by Merrill Lynch are accounted for under the fair value option. For more information on these senior structured notes, see Note 23 - Fair Value Option.

The table below represents the book value for aggregate annual maturities of long-term debt at December 31, 2010.

| (Dollars in millions) | 2011 | 2012 | 2013 | 2014 | 2015 | Thereafter | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bank of America Corporation | \$16,419 | \$40,432 | \$ 8,731 | \$21,890 | \$13,236 | \$ 85,888 | \$186,596 |
| Merrill Lynch \& Co., Inc. and subsidiaries | 26,554 | 18,611 | 18,053 | 16,650 | 4,515 | 41,370 | 125,753 |
| Bank of America, N.A. and other subsidiaries | 4,382 | 5,796 | 86 | 503 | 1,015 | 9,485 | 21,267 |
| Other debt | 22,760 | 12,549 | 5,031 | 1,293 | 105 | 2,064 | 43,802 |
| Total long-term debt excluding consolidated VIEs | 70,115 | 77,388 | 31,901 | 40,336 | 18,871 | 138,807 | 377,418 |
| Long-term debt of consolidated VIEs under new consolidation guidance | 19,136 | 11,800 | 17,514 | 9,103 | 1,229 | 12,231 | 71,013 |
| Total long-term debt | \$89,251 | \$89,188 | \$49,415 | \$49,439 | \$20,100 | \$151,038 | \$448,431 |

Included in the above table are certain structured notes that contain provisions whereby the borrowings are redeemable at the option of the holder (put options) at specified dates prior to maturity. Other structured notes have coupon or repayment terms linked to the performance of debt or equity securities, indices, currencies or commodities and the maturity may be accelerated based on the value of a referenced index or security. In both cases, the Corporation or a subsidiary may be required to settle the obligation for cash or other securities prior to the contractual maturity date. These borrowings are reflected in the above table as maturing at their earliest put or redemption date.

## Trust Preferred and Hybrid Securities

Trust preferred securities (Trust Securities) are issued by trust companies (the Trusts) that are not consolidated. These Trust Securities are mandatorily redeemable preferred security obligations of the Trusts. The sole assets of the Trusts generally are junior subordinated deferrable interest notes of the Corporation or its subsidiaries (the Notes). The Trusts generally are 100 percent owned finance subsidiaries of the Corporation. Obligations associated with the Notes are included in the long-term debt table on page 194.

Certain of the Trust Securities were issued at a discount and may be redeemed prior to maturity at the option of the Corporation. The Trusts generally have invested the proceeds of such Trust Securities in the Notes. Each issue of the Notes has an interest rate equal to the corresponding Trust Securities distribution rate. The Corporation has the right to defer payment of interest on the Notes at any time or from time to time for a period not exceeding five years provided that no extension period may extend beyond the stated maturity of the relevant Notes. During any such extension period, distributions on the Trust Securities will also be deferred and the Corporation's ability to pay dividends on its common and preferred stock will be restricted.

The Trust Securities generally are subject to mandatory redemption upon repayment of the related Notes at their stated maturity dates or their earlier redemption at a redemption price equal to their liquidation amount plus accrued distributions to the date fixed for redemption and the premium, if any, paid by the Corporation upon concurrent repayment of the related Notes.

Periodic cash payments and payments upon liquidation or redemption with respect to Trust Securities are guaranteed by the Corporation or its subsidiaries to the extent of funds held by the Trusts (the Preferred Securities Guarantee). The Preferred Securities Guarantee, when taken together with the Corporation's other obligations including its obligations under the Notes, generally will constitute a full and unconditional guarantee, on a subordinated basis, by the Corporation of payments due on the Trust Securities.

Hybrid Income Term Securities (HITS) totaling $\$ 1.6$ billion were also issued by the Trusts to institutional investors in 2007. The BAC Capital Trust XIII Floating-Rate Preferred HITS have a distribution rate of three-month LIBOR plus 40 bps and the BAC Capital Trust XIV Fixed-to-Floating-Rate Preferred HITS have an initial distribution rate of 5.63 percent. Both series of HITS represent beneficial interests in the assets of the respective capital trust, which consist of a series of the Corporation's junior subordinated notes and a stock purchase contract for a specified series of the Corporation's preferred stock. The Corporation will remarket the junior subordinated notes underlying each series of HITS on or about the five-year anniversary of the issuance to obtain sufficient funds for the capital trusts to buy the Corporation's preferred stock under the stock purchase contracts.

In connection with the HITS, the Corporation entered into two replacement capital covenants for the benefit of investors in certain series of the Corporation's long-term indebtedness (Covered Debt). As of December 31, 2010, the Corporation's $6.625 \%$ Junior Subordinated Notes due 2036 constitute the Covered Debt under the covenant corresponding to the Floating-Rate Preferred HITS and the Corporation's 5.625\% Junior Subordinated Notes due 2035 constitute the Covered Debt under the covenant corresponding to the Fixed-to-Floating-Rate Preferred HITS. These covenants generally restrict the ability of the Corporation and its subsidiaries to redeem or purchase the HITS and related securities unless the Corporation has obtained the prior approval of the Federal Reserve if required under the Federal Reserve's capital guidelines, the redemption or purchase price of the HITS does not exceed the amount received by the Corporation from the sale of certain qualifying securities, and such replacement securities qualify as Tier 1 Capital and are not "restricted core capital elements" under the Federal Reserve's guidelines.

The table below is a summary of the outstanding Trust and Hybrid Securities and the related Notes at December 31, 2010 as originated by Bank of America Corporation and its predecessor companies and subsidiaries. For additional information on Trust Securities for regulatory capital purposes, see Note 18-Regulatory Requirements and Restrictions.


[^13]
## NOTE 14 Commitments and Contingencies

In the normal course of business, the Corporation enters into a number of offbalance sheet commitments. These commitments expose the Corporation to varying degrees of credit and market risk and are subject to the same credit and market risk limitation reviews as those instruments recorded on the Corporation's Consolidated Balance Sheet.

## Credit Extension Commitments

The Corporation enters into commitments to extend credit such as loan commitments, SBLCs and commercial letters of credit to meet the financing needs of its customers. The table below shows the notional amount of unfunded legally binding lending commitments net of amounts distributed (e.g., syndicated) to other financial institutions of $\$ 23.3$ billion and $\$ 30.9$ billion at December 31, 2010 and 2009. At December 31, 2010, the carrying
amount of these commitments, excluding commitments accounted for under the fair value option, was $\$ 1.2$ billion, including deferred revenue of $\$ 29$ million and a reserve for unfunded lending commitments of $\$ 1.2$ billion. At December 31, 2009, the comparable amounts were $\$ 1.5$ billion, $\$ 34$ million and $\$ 1.5$ billion, respectively. The carrying amount of these commitments is classified in accrued expenses and other liabilities.

The table below also includes the notional amount of commitments of $\$ 27.3$ billion and $\$ 27.0$ billion at December 31, 2010 and 2009, that are accounted for under the fair value option. However, the table below excludes fair value adjustments of $\$ 866$ million and $\$ 950$ million on these commitments, which are classified in accrued expenses and other liabilities. For information regarding the Corporation's loan commitments accounted for under the fair value option, see Note 23 - Fair Value Option.

| (Dollars in millions) | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  Expire after 1 <br> Expire in 1 Year through <br> Year or Less 3 Years |  | Expire after 3 Years through 5 Years | Expire after 5 Years | Total |
| Notional amount of credit extension commitments |  |  |  |  |  |
| Loan commitments | \$152,926 | \$144,461 | \$43,465 | \$ 16,172 | 357,024 |
| Home equity lines of credit | 1,722 | 4,290 | 18,207 | 55,886 | 80,105 |
| Standby letters of credit and financial guarantees ${ }^{(1)}$ | 35,275 | 18,940 | 4,144 | 5,897 | 64,256 |
| Letters of credit | 3,698 | 110 | - | 874 | 4,682 |
| Legally binding commitments | 193,621 | 167,801 | 65,816 | 78,829 | 506,067 |
| Credit card lines ${ }^{(2)}$ | 497,068 | - | - | - | 497,068 |
| Total credit extension commitments | \$690,689 | \$167,801 | \$65,816 | \$ 78,829 | \$1,003,135 |


|  | December 31, 2009 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Notional amount of credit extension commitments |  |  |  |  |  |  |
| Loan commitments | \$149,248 | \$187,585 | \$30,897 | \$ 28,488 | \$ | 396,218 |
| Home equity lines of credit | 1,810 | 3,272 | 10,667 | 76,923 |  | 92,672 |
| Standby letters of credit and financial guarantees ${ }^{(1)}$ | 29,794 | 21,285 | 4,923 | 13,740 |  | 69,742 |
| Letters of credit | 2,020 | 40 | - | 1,467 |  | 3,527 |
| Legally binding commitments | 182,872 | 212,182 | 46,487 | 120,618 |  | 562,159 |
| Credit card lines ${ }^{(2)}$ | 541,919 | - | - | - |  | 541,919 |
| Total credit extension commitments | \$724,791 | \$212,182 | \$46,487 | \$120,618 |  | 104,078 |

 at December 31, 2010 and $\$ 39.7$ billion and $\$ 30.0$ billion at December 31, 2009.
${ }^{(2)}$ Includes business card unused lines of credit.

Legally binding commitments to extend credit generally have specified rates and maturities. Certain of these commitments have adverse change clauses that help to protect the Corporation against deterioration in the borrower's ability to pay.

## Other Commitments

## Global Principal Investments and Other Equity Investments

At December 31, 2010 and 2009, the Corporation had unfunded equity investment commitments of approximately $\$ 1.5$ billion and $\$ 2.8$ billion. In light of proposed Basel regulatory capital changes related to unfunded
commitments, the Corporation has actively reduced these commitments in a series of transactions involving its private equity fund investments. For more information on these Basel regulatory capital changes, see Note 18-Regulatory Requirements and Restrictions. In 2010, the Corporation completed the sale of its exposure to certain private equity funds. For more information on these transactions, see Note 5 -Securities. These commitments generally relate to the Corporation's Global Principal Investments business which is comprised of a diversified portfolio of investments in private equity, real estate and other alternative investments. These investments are made either directly in a company or held through a fund.

## Loan Purchases

In 2005, the Corporation entered into an agreement for the committed purchase of retail automotive loans over a five-year period that ended on June 22, 2010. Under this agreement, the Corporation purchased $\$ 6.6$ billion of such loans during the six months ended June 30, 2010 and also the year ended December 31, 2009. All loans purchased under this agreement were subject to a comprehensive set of credit criteria. This agreement was accounted for as a derivative liability with a fair value of $\$ 189$ million at December 31, 2009. As of December 31, 2010, the Corporation was no longer committed for any additional purchases. As part of this agreement, the Corporation recorded a liability which may increase or decrease based on credit performance of the purchased loans over a period extending through 2016.

At December 31, 2010 and 2009, the Corporation had other commitments to purchase loans (e.g., residential mortgage and commercial real estate) of $\$ 2.6$ billion and $\$ 2.2$ billion, which upon settlement will be included in loans or LHFS.

## Operating Leases

The Corporation is a party to operating leases for certain of its premises and equipment. Commitments under these leases are approximately $\$ 3.0$ billion, $\$ 2.6$ billion, $\$ 2.1$ billion, $\$ 1.6$ billion and $\$ 1.3$ billion for 2011 through 2015, respectively, and $\$ 6.6$ billion in the aggregate for all years thereafter.

## Other Commitments

At December 31, 2010 and 2009, the Corporation had commitments to enter into forward-dated resale and securities borrowing agreements of $\$ 39.4$ billion and $\$ 51.8$ billion. In addition, the Corporation had commitments to enter into forward-dated repurchase and securities lending agreements of $\$ 33.5$ billion and $\$ 58.3$ billion. All of these commitments expire within the next 12 months.

The Corporation has entered into agreements with providers of market data, communications, systems consulting and other office-related services. At December 31, 2010 and 2009, the minimum fee commitments over the remaining terms of these agreements totaled $\$ 2.1$ billion and $\$ 2.3$ billion.

## Other Guarantees

## Bank-owned Life Insurance Book Value Protection

The Corporation sells products that offer book value protection to insurance carriers who offer group life insurance policies to corporations, primarily banks. The book value protection is provided on portfolios of intermediate investment-grade fixed-income securities and is intended to cover any shortfall in the event that policyholders surrender their policies and market value is
below book value. To manage its exposure, the Corporation imposes significant restrictions on surrenders and the manner in which the portfolio is liquidated and the funds are accessed. In addition, investment parameters of the underlying portfolio are restricted. These constraints, combined with structural protections, including a cap on the amount of risk assumed on each policy, are designed to provide adequate buffers and guard against payments even under extreme stress scenarios. These guarantees are recorded as derivatives and carried at fair value in the trading portfolio. At December 31, 2010 and 2009, the notional amount of these guarantees totaled $\$ 15.8$ billion and $\$ 15.6$ billion and the Corporation's maximum exposure related to these guarantees totaled $\$ 5.0$ billion and $\$ 4.9$ billion with estimated maturity dates between 2030 and 2040. As of December 31, 2010, the Corporation has not made a payment under these products. The probability of surrender has increased due to the deteriorating financial health of policyholders, but remains a small percentage of total notional.

## Employee Retirement Protection

The Corporation sells products that offer book value protection primarily to plan sponsors of Employee Retirement Income Security Act of 1974 (ERISA) governed pension plans, such as $401(k)$ plans and 457 plans. The book value protection is provided on portfolios of intermediate/short-term investmentgrade fixed-income securities and is intended to cover any shortfall in the event that plan participants continue to withdraw funds after all securities have been liquidated and there is remaining book value. The Corporation retains the option to exit the contract at any time. If the Corporation exercises its option, the purchaser can require the Corporation to purchase high quality fixed-income securities, typically government or government-backed agency securities, with the proceeds of the liquidated assets to assure the return of principal. To manage its exposure, the Corporation imposes significant restrictions and constraints on the timing of the withdrawals, the manner in which the portfolio is liquidated and the funds are accessed, and the investment parameters of the underlying portfolio. These constraints, combined with structural protections, are designed to provide adequate buffers and guard against payments even under extreme stress scenarios. These guarantees are recorded as derivatives and carried at fair value in the trading portfolio. At December 31, 2010 and 2009, the notional amount of these guarantees totaled $\$ 33.8$ billion and $\$ 36.8$ billion with estimated maturity dates up to 2014 if the exit option is exercised on all deals. As of December 31, 2010, the Corporation has not made a payment under these products and has assessed the probability of payments under these guarantees as remote.

## Indemnifications

In the ordinary course of business, the Corporation enters into various agreements that contain indemnifications, such as tax indemnifications, whereupon payment may become due if certain external events occur, such as a change in tax law. The indemnification clauses are often standard contractual terms and were entered into in the normal course of business based on an assessment that the risk of loss would be remote. These agreements typically contain an early termination clause that permits the Corporation to exit the agreement upon these events. The maximum potential future payment under indemnification agreements is difficult to assess for several reasons, including the occurrence of an external event, the inability to predict future changes in tax and other laws, the difficulty in determining how such laws would apply to parties in contracts, the absence of exposure limits contained in standard contract language and the timing of the early termination clause. Historically, any payments made under these guarantees have been de minimis. The Corporation has assessed the probability of making such payments in the future as remote.

## Merchant Services

On June 26, 2009, the Corporation contributed its merchant processing business to a joint venture in exchange for a 46.5 percent ownership interest in the joint venture. During the second quarter of 2010, the joint venture purchased the interest held by one of the three initial investors bringing the Corporation's ownership interest up to 49 percent. For additional information on the joint venture agreement, see Note 5 - Securities.

The Corporation, on behalf of the joint venture, provides credit and debit card processing services to various merchants by processing credit and debit card transactions on the merchants' behalf. In connection with these services, a liability may arise in the event of a billing dispute between the merchant and a cardholder that is ultimately resolved in the cardholder's favor and the merchant defaults on its obligation to reimburse the cardholder. A cardholder, through its issuing bank, generally has until the later of up to six months after the date a transaction is processed or the delivery of the product or service to present a chargeback to the joint venture as the merchant processor. If the joint venture is unable to collect this amount from the merchant, it bears the loss for the amount paid to the cardholder. The joint venture is primarily liable for any losses on transactions from the contributed portfolio that occur after June 26, 2009. However, if the joint venture fails to meet its obligation to reimburse the cardholder for disputed transactions, then the Corporation could be held liable for the disputed amount. In 2010 and 2009, the joint venture processed and settled $\$ 265.5$ billion and $\$ 250.0$ billion of transactions and it recorded losses of $\$ 17$ million and \$26 million.

At December 31, 2010 and 2009, the Corporation, on behalf of the joint venture, held as collateral $\$ 25$ million and $\$ 26$ million of merchant escrow deposits which may be used to offset amounts due from the individual merchants. The joint venture also has the right to offset any payments with cash flows otherwise due to the merchant. Accordingly, the Corporation believes that the maximum potential exposure is not representative of the actual potential loss exposure. The Corporation believes the maximum potential exposure for chargebacks would not exceed the total amount of merchant transactions processed through Visa and MasterCard for the last six months, which represents the claim period for the cardholder, plus any outstanding delayed-delivery transactions. As of December 31, 2010 and 2009, the maximum potential exposure totaled approximately $\$ 139.5$ billion
and $\$ 131.0$ billion. The Corporation does not expect to make material payments in connection with these guarantees. The maximum potential exposure disclosed does not include volumes processed by First Data contributed portfolios.

## Other Derivative Contracts

The Corporation funds selected assets, including securities issued by CDOs and CLOs, through derivative contracts, typically total return swaps, with third parties and SPEs that are not consolidated on the Corporation's Consolidated Balance Sheet. At December 31, 2010 and 2009, the total notional amount of these derivative contracts was approximately $\$ 4.3$ billion and $\$ 4.9$ billion with commercial banks and $\$ 1.7$ billion and $\$ 2.8$ billion with SPEs. The underlying securities are senior securities and substantially all of the Corporation's exposures are insured. Accordingly, the Corporation's exposure to loss consists principally of counterparty risk to the insurers. In certain circumstances, generally as a result of ratings downgrades, the Corporation may be required to purchase the underlying assets, which would not result in additional gain or loss to the Corporation as such exposure is already reflected in the fair value of the derivative contracts.

## Other Guarantees

The Corporation sells products that guarantee the return of principal to investors at a preset future date. These guarantees cover a broad range of underlying asset classes and are designed to cover the shortfall between the market value of the underlying portfolio and the principal amount on the preset future date. To manage its exposure, the Corporation requires that these guarantees be backed by structural and investment constraints and certain pre-defined triggers that would require the underlying assets or portfolio to be liquidated and invested in zero-coupon bonds that mature at the preset future date. The Corporation is required to fund any shortfall between the proceeds of the liquidated assets and the purchase price of the zero-coupon bonds at the preset future date. These guarantees are recorded as derivatives and carried at fair value in the trading portfolio. At December 31, 2010 and 2009, the notional amount of these guarantees totaled $\$ 666$ million and $\$ 2.1$ billion. These guarantees have various maturities ranging from two to five years. As of December 31, 2010 and 2009, the Corporation had not made a payment under these products and has assessed the probability of payments under these guarantees as remote.

The Corporation has entered into additional guarantee agreements and commitments, including lease-end obligation agreements, partial credit guarantees on certain leases, real estate joint venture guarantees, sold risk participation swaps, divested business commitments and sold put options that require gross settlement. The maximum potential future payment under these agreements was approximately $\$ 3.4$ billion and $\$ 3.6$ billion at December 31, 2010 and 2009. The estimated maturity dates of these obligations extend up to 2033. The Corporation has made no material payments under these guarantees.

In addition, the Corporation has guaranteed the payment obligations of certain subsidiaries of Merrill Lynch on certain derivative transactions. The aggregate notional amount of such derivative liabilities was approximately $\$ 2.1$ billion and $\$ 2.5$ billion at December 31, 2010 and 2009. In the normal course of business, the Corporation periodically guarantees the obligations of its affiliates in a variety of transactions including ISDA-related transactions and non ISDA-related transactions such as commodities trading, repurchase agreements, prime brokerage agreements and other transactions.

## Payment Protection Insurance Claims Matter

In the U.K., the Corporation sells payment protection insurance (PPI) through its Global Card Services business to credit card customers and has previously sold this insurance to consumer loan customers. PPI covers a consumer's loan or debt repayment if certain events occur such as loss of job or illness. In response to an elevated level of customer complaints of misleading sales tactics across the industry, heightened media coverage and pressure from consumer advocacy groups, the U.K. Financial Services Authority (FSA) has investigated and raised concerns about the way some companies have handled complaints relating to the sale of these insurance policies. In August 2010, the FSA issued a policy statement on the assessment and remediation of PPI claims which is applicable to the Corporation's U.K. consumer businesses and is intended to address concerns among consumers and regulators regarding the handling of PPI complaints across the industry. The policy statement sets standards for the sale of PPI that apply to current and prior sales, and in the event a company does not or did not comply with the standards, it is alleged that the insurance was incorrectly sold, giving the customer rights to remedies. The FSA gave companies until December 1, 2010 to comply with the new regulations, but the judicial review to assess compliance is still underway. Given the new regulatory guidance, as of December 31, 2010, the Corporation has a liability of $\$ 630$ million based on its current claims history and an estimate of future claims that have yet to be asserted against the Corporation. The liability is included in accrued expenses and other liabilities and the related expense is included in insurance income. The policy statement also requires companies to review their sales practices and to proactively remediate non-complaining customers if evidence of a systematic breach of the newly articulated sales standards is discovered, which could include refunding premiums paid. Subject to the outcome of the Corporation's review and the new regulatory guidance, it is possible that an additional liability may be required. Industry groups have challenged the policy statement through a judicial review process. The judicial review is not expected to be completed until the end of the first quarter of 2011. Therefore, the Corporation is unable to reasonably estimate the total amount of additional possible loss or a range of loss as of December 31, 2010.

## Litigation and Regulatory Matters

In the ordinary course of business, the Corporation and its subsidiaries are routinely defendants in or parties to many pending and threatened legal actions and proceedings, including actions brought on behalf of various classes of claimants. These actions and proceedings are generally based on alleged violations of consumer protection, securities, environmental, banking, employment and other laws. In some of these actions and proceedings, claims for substantial monetary damages are asserted against the Corporation and its subsidiaries.

In the ordinary course of business, the Corporation and its subsidiaries are also subject to regulatory examinations, information gathering requests, inquiries and investigations. Certain subsidiaries of the Corporation are registered broker/dealers or investment advisors and are subject to regulation by the SEC, the Financial Industry Regulatory Authority (FINRA), the New York Stock Exchange, the FSA and other domestic, international and state securities regulators. In connection with formal and informal inquiries by those agencies, such subsidiaries receive numerous requests, subpoenas and orders for documents, testimony and information in connection with various aspects of their regulated activities.

In view of the inherent difficulty of predicting the outcome of such litigation and regulatory matters, particularly where the claimants seek very large or indeterminate damages or where the matters present novel legal theories or involve a large number of parties, the Corporation generally cannot predict what the eventual outcome of the pending matters will be, what the timing of
the ultimate resolution of these matters will be, or what the eventual loss, fines or penalties related to each pending matter may be.

In accordance with applicable accounting guidance, the Corporation establishes an accrued liability for litigation and regulatory matters when those matters present loss contingencies that are both probable and estimable. In such cases, there may be an exposure to loss in excess of any amounts accrued. When a loss contingency is not both probable and estimable, the Corporation does not establish an accrued liability. As a litigation or regulatory matter develops, the Corporation, in conjunction with any outside counsel handling the matter, evaluates on an ongoing basis whether such matter presents a loss contingency that is probable and estimable. If, at the time of evaluation, the loss contingency related to a litigation or regulatory matter is not both probable and estimable, the matter will continue to be monitored for further developments that would make such loss contingency both probable and estimable. Once the loss contingency related to a litigation or regulatory matter is deemed to be both probable and estimable, the Corporation will establish an accrued liability with respect to such loss contingency and record a corresponding amount of litigation-related expense. The Corporation continues to monitor the matter for further developments that could affect the amount of the accrued liability that has been previously established. Excluding fees paid to external legal service providers, litigation-related expense of $\$ 2.6$ billion was recognized in 2010 compared to $\$ 1.0$ billion for 2009.

For a limited number of the matters disclosed in this Note for which a loss is probable or reasonably possible in future periods, whether in excess of a related accrued liability or where there is no accrued liability, the Corporation is able to estimate a range of possible loss. In determining whether it is possible to provide an estimate of loss or range of possible loss, the Corporation reviews and evaluates its material litigation and regulatory matters on an ongoing basis, in conjunction with any outside counsel handling the matter, in light of potentially relevant factual and legal developments. These may include information learned through the discovery process, rulings on dispositive motions, settlement discussions, and other rulings by courts, arbitrators or others. In cases in which the Corporation possesses sufficient appropriate information to develop an estimate of loss or range of possible loss, that estimate is aggregated and disclosed below. There may be other disclosed matters for which a loss is probable or reasonably possible but such an estimate may not be possible. For those matters where an estimate is possible, management currently estimates the aggregate range of possible loss is $\$ 145$ million to $\$ 1.5$ billion in excess of the accrued liability (if any) related to those matters. This estimated range of possible loss is based upon currently available information and is subject to significant judgment and a variety of assumptions, and known and unknown uncertainties. The matters underlying the estimated range will change from time to time, and actual results may vary significantly from the current estimate. Those matters for which an estimate is not possible are not included within this estimated range. Therefore, this estimated range of possible loss represents what the Corporation believes to be an estimate of possible loss only for certain matters meeting these criteria. It does not represent the Corporation's maximum loss exposure. Information is provided below regarding the nature of all of these contingencies and, where specified, the amount of the claim associated with these loss contingencies. Based on current knowledge, management does not believe that loss contingencies arising from pending matters, including the matters described herein, will have a material adverse effect on the consolidated financial position or liquidity of the Corporation. However, in light of the inherent uncertainties involved in these matters, some of which are beyond the Corporation's control, and the very large or indeterminate damages sought in some of these matters, an adverse outcome in one or more of these matters could be material to the Corporation's results of operations or cash flows for any particular reporting period.

## Auction Rate Securities Litigation

Since October 2007, the Corporation, Merrill Lynch and certain affiliates have been named as defendants in a variety of lawsuits and other proceedings brought by customers and both individual and institutional investors regarding ARS. These actions generally allege that the defendants: (i) misled the plaintiffs into believing that there was a deeply liquid market for ARS, and (ii) failed to adequately disclose their or their affiliates' practice of placing their own bids to support ARS auctions. Plaintiffs assert that ARS auctions started failing from August 2007 through February 2008 when the defendants and other broker-dealers stopped placing those "support bids." In addition to the matters described in more detail below, numerous arbitrations and individual lawsuits have been filed against the Corporation, Merrill Lynch and certain affiliates by parties who purchased ARS and are seeking relief that includes compensatory and punitive damages totaling in excess of $\$ 1.8$ billion, as well as rescission, among other relief.

## Securities Actions

The Corporation and Merrill Lynch face a number of civil actions relating to the sales of ARS and management of ARS auctions, including two putative class action lawsuits in which the plaintiffs seek to recover the alleged losses in market value of ARS securities purportedly caused by the defendants' actions. Plaintiffs also seek unspecified damages, including rescission, other compensatory and consequential damages, costs, fees and interest. The first action, In Re Merrill Lynch Auction Rate Securities Litigation, is the result of the consolidation of two separate class action suits in the U.S. District Court for the Southern District of New York. These suits were brought by two customers of Merrill Lynch, on behalf of all persons who purchased ARS in auctions managed by Merrill Lynch, against Merrill Lynch and its subsidiary Merrill Lynch, Pierce, Fenner \& Smith Incorporated (MLPFS). On March 31, 2010, the U.S. District Court for the Southern District of New York granted Merrill Lynch's motion to dismiss. On April 22, 2010, a lead plaintiff filed a notice of appeal to the U.S. Court of Appeals for the Second Circuit, which is currently pending. The second action, Bondar v. Bank of America Corporation, was brought by a putative class of ARS purchasers against the Corporation and Banc of America Securities, LLC (BAS) and is currently pending in the U.S. District Court for the Northern District of California. The Corporation and BAS have filed a motion to dismiss the amended complaint, which remains pending.

## Antitrust Actions

The Corporation, Merrill Lynch and other financial institutions were also named in two putative antitrust class actions in the U.S. District Court for the Southern District of New York. Plaintiffs in both actions assert federal antitrust claims under Section 1 of the Sherman Act based on allegations that defendants conspired to restrain trade in ARS by placing support bids in ARS auctions, only to collectively withdraw those bids in February 2008, which allegedly caused ARS auctions to fail. The plaintiff in the first action, Mayor and City Council of Baltimore, Maryland v. Citigroup, Inc., et al., seeks to represent a class of issuers of ARS that the defendants underwrote between May 12, 2003 and February 13, 2008. This issuer action seeks to recover, among other relief, the alleged above-market interest payments that ARS issuers allegedly have had to make after the defendants allegedly stopped placing "support bids" in ARS auctions. The plaintiff in the second action, Mayfield, et al. v. Citigroup, Inc., et al., seeks to represent a class of investors that purchased ARS from the defendants and held those securities when ARS auctions failed on February 13, 2008. Plaintiff seeks to recover, among other relief, unspecified damages for losses in the ARS' market value, and rescission of the investors' ARS purchases. Both actions also seek treble damages and attorneys' fees under the Sherman Act's private civil remedy. On January 25,2010 , the court dismissed both actions with prejudice and the
plaintiffs' respective appeals are currently pending in the U.S. Court of Appeals for the Second Circuit.

## Checking Account Overdraft Litigation

Bank of America, N.A. (BANA) is currently a defendant in several consumer suits challenging certain deposit account-related business practices. Three of the suits are presently part of a multi-district litigation (MDL) proceeding involving approximately 65 individual cases against 30 financial institutions assigned by the Judicial Panel on Multi-district Litigation to the U.S. District Court for the Southern District of Florida. The three cases, Tornes v. Bank of America, N.A., Yourke, et al. v. Bank of America, N.A., et al. and Knighten v. Bank of America, N.A., allege that BANA improperly and unfairly increased the number of overdraft fees it assessed on consumer deposit accounts by various means. The cases challenge the practice of reordering debit card transactions to post high-to-low and BANA's failure to notify customers at the point of sale that the transaction may result in an overdraft charge. The cases also allege that BANA's disclosures and advertising regarding the posting of debit card transactions are false, deceptive and misleading. These cases assert claims including breach of the implied covenant of good faith and fair dealing, conversion, unjust enrichment and violation of the unfair and deceptive practices statutes of various states. Plaintiffs generally seek restitution of all overdraft fees paid to BANA as a result of BANA's allegedly wrongful business practices, as well as disgorgement, punitive damages, injunctive relief, pre-judgment interest and attorneys' fees. Omnibus motions to dismiss many of the complaints involved in the MDL, including Tornes, Yourke and Knighten, were denied on March 12, 2010. Trial is currently scheduled for March 26, 2012. A fourth putative class action, Phillips, et al. v. Bank of America, N.A., which includes similar allegations, will shortly become part of the MDL proceedings.

In December 2004, BANA was also named as the defendant in Closson, et al. v. Bank of America, et al., a putative class action currently pending in the California Court of Appeal, First District, Division 1, which also challenges BANA's practice of reordering debit card transactions to post deposits in high-to-low order. Closson asserts claims for violations of California state law, and seeks restitution, disgorgement, actual and punitive damages, a corrective advertising campaign and injunctive relief. BANA entered into a settlement in Closson, which received final approval by the Superior Court of the State of California for the County of San Francisco on August 3, 2009. The settlement provides for a $\$ 35$ million payment by BANA in exchange for a release of the claims against BANA by the members of the nationwide settlement class. Several settlement class members who objected to the final approval of the settlement have appealed. If the Closson settlement is affirmed, it will likely bar the claims of many of the putative class members in Tornes, Yourke and Knighten, as many of those class members are covered by the putative class in Closson.

On January 27, 2011, the Corporation reached a settlement in principle with the lead plaintiffs in the MDL, subject to complete final documentation and court approvals. The settlement will provide for a payment by the Corporation of $\$ 410$ million (which amount was fully accrued by the Corporation as of December 31, 2010) in exchange for a complete release of claims asserted against the Corporation in the MDL. The settlement also contemplates that a stay will be requested in the Closson appeal and that, when this settlement becomes effective, the appeal in Closson will be withdrawn and the settlement in Closson will be effectuated according to its terms.

## Countrywide Bond Insurance Litigation

The Corporation, Countrywide Financial Corporation (CFC) and various other Countrywide entities are subject to claims from several monoline bond insurance companies. These claims generally relate to bond insurance policies provided by the insurers on certain securitized pools of home equity lines
of credit and fixed-rate second-lien mortgage loans. Plaintiffs in these cases generally allege that they have paid claims as a result of defaults in the underlying loans and assert that these defaults are the result of improper underwriting by the defendants.

## MBIA

The Corporation, CFC and various other Countrywide entities are named as defendants in two actions filed by MBIA Insurance Corporation (MBIA). The first action, MBIA Insurance Corporation, Inc. v. Countrywide Home Loans, et al., is pending in New York Supreme Court, New York County. In April 2010, the court granted in part and denied in part the Countrywide defendants' motion to dismiss and denied the Corporation's motion to dismiss. The parties have filed cross-appeals from this order. On December 22, 2010, the court issued an order on MBIA's motion for use of sampling at trial, in which the court held that MBIA may attempt to prove its breach of contract and fraudulent inducement claims through examination of statistically significant samples of the securitizations at issue. In its order, the court did not endorse any of MBIA's specific sampling proposals and stated that defendants have "significant valid challenges" to MBIA's methodology that they may present at trial, together with defendants' own views and evidence.

The second MBIA action, MBIA Insurance Corporation, Inc. v. Bank of America Corporation, Countrywide Financial Corporation, Countrywide Home Loans, Inc., Countrywide Securities Corporation, et al., is pending in the Superior Court of the State of California, County of Los Angeles. MBIA purports to bring this action as subrogee to the note holders for certain securitized pools of home equity lines of credit and fixed-rate second-lien mortgage loans and seeks unspecified damages and declaratory relief. On May 17, 2010, the court dismissed the claims against the Countrywide defendants with leave to amend, but denied the request to dismiss MBIA's successor liability claims against the Corporation. On June 21, 2010, MBIA filed an amended complaint re-asserting its previously dismissed claims against the Countrywide defendants, re-asserting the successor liability claim against the Corporation and adding Countrywide Capital Markets, LLC as a defendant. The Countrywide defendants filed a demurrer to the amended complaint, but the court declined to rule on the demurrer and instead entered an order which stays this case until August 1, 2011.

## Syncora

The Corporation, CFC and various other Countrywide entities are named as defendants in an action filed by Syncora Guarantee Inc. (Syncora) entitled Syncora Guarantee Inc. v. Countrywide Home Loans, Inc., et al. This action, currently pending in New York Supreme Court, New York County, relates to bond insurance policies provided by Syncora on certain securitized pools of home equity lines of credit. In March 2010, the court issued an order that granted in part and denied in part the Countrywide defendants' motion to dismiss. Syncora and the Countrywide defendants have filed cross-appeals from this order. In May 2010, Syncora amended its complaint. Defendants filed an answer to Syncora's amended complaint on July 9, 2010, as well as a counterclaim for breach of contract and declaratory judgment. The parties have agreed to stay the counterclaim until August 15, 2011.

## FGIC

The Corporation, CFC and various other Countrywide entities are named as defendants in an action filed by Financial Guaranty Insurance Company (FGIC) entitled Financial Guaranty Insurance Co. v. Countrywide Home Loans, Inc. This action, currently pending in New York Supreme Court, New York County, relates to bond insurance policies provided by FGIC on certain securitized pools of home equity lines of credit and fixed-rate second-lien mortgage loans. In June 2010, the court entered an order that granted in part and denied in part the Countrywide defendants' motion to dismiss. FGIC and the

Countrywide defendants have filed cross-appeals from this order. Defendants filed an answer to FGIC's amended complaint on July 19, 2010. On March 24, 2010, CFC and certain other Countrywide entities filed a separate but related action against FGIC in New York Supreme Court seeking monetary damages of at least $\$ 100$ million against FGIC in connection with FGIC's failure to pay claims under certain bond insurance policies.

## Ambac

The Corporation, CFC and various other Countrywide entities are named as defendants in an action filed by Ambac Assurance Corporation (Ambac) entitled Ambac Assurance Corporation and The Segregated Account of Ambac Assurance Corporation v. Countrywide Home Loans, Inc., et al. This action, currently pending in New York Supreme Court, New York County, relates to bond insurance policies provided by Ambac on certain securitized pools of home equity lines of credit and fixed-rate second-lien mortgage loans. On December 10, 2010, defendants filed answers to the complaint.

## Countrywide Equity and Debt Securities Matters

Certain New York state and municipal pension funds have commenced litigation in the U.S. District Court for the Central District of California, entitled In re Countrywide Financial Corporation Securities Litigation, against CFC, certain other Countrywide entities and several former CFC officers and directors. This action alleges violations of the antifraud provisions of the Securities Exchange Act of 1934 and Sections 11 and 12 of the Securities Act of 1933. Plaintiffs claim losses in excess of $\$ 25.0$ billion that plaintiffs allegedly experienced on certain CFC equity and debt securities. Plaintiffs also assert additional claims against BAS, MLPFS and other underwriter defendants under Sections 11 and 12 of the Securities Act of 1933. Plaintiffs' allege that CFC made false and misleading statements in certain SEC filings and elsewhere concerning the nature and quality of its loan underwriting practices and its financial results. On April 2, 2010, the parties reached an agreement in principle to settle this action for $\$ 624$ million in exchange for a dismissal of all claims with prejudice. On August 2, 2010, the court preliminarily approved the settlement. On December 1, 2010, CFC and the plaintiffs agreed to amend the settlement to allow CFC to use up to $\$ 22.5$ million of the settlement funds for a two-year period following final approval of the settlement to resolve any claims asserted by investors who chose to exclude themselves from the class. On January 7, 2011, the court preliminarily approved this amendment. The settlement remains subject to final court approval.

## Interchange and Related Litigation

A group of merchants have filed a series of putative class actions and individual actions with regard to interchange fees associated with Visa and MasterCard payment card transactions. These actions, which have been consolidated in the U.S. District Court for the Eastern District of New York under the caption In Re Payment Card Interchange Fee and Merchant Discount Anti-Trust Litigation (Interchange), name Visa, MasterCard and several banks and bank holding companies, including the Corporation, as defendants. Plaintiffs allege that the defendants conspired to fix the level of default interchange rates, which represent the fee an issuing bank charges an acquiring bank on every transaction. Plaintiffs also challenge as unreasonable restraints of trade under Section 1 of the Sherman Act certain rules of Visa and MasterCard related to merchant acceptance of payment cards at the point of sale. Plaintiffs seek unspecified damages and injunctive relief based on their assertion that interchange would be lower or eliminated absent the alleged conduct. On January 8, 2008, the court granted defendants' motion to dismiss all claims for pre-2004 damages. Motions to dismiss the remainder of the complaint and plaintiffs' motion for class certification are pending.

In addition, plaintiffs filed supplemental complaints against certain defendants, including the Corporation, relating to initial public offerings (the

IPOs) of MasterCard and Visa. Plaintiffs allege that the MasterCard and Visa IPOs violated Section 7 of the Clayton Act and Section 1 of the Sherman Act. Plaintiffs also assert that the MasterCard IPO was a fraudulent conveyance. Plaintiffs seek unspecified damages and to undo the IPOs. Motions to dismiss both supplemental complaints remain pending.

The Corporation and certain of its affiliates previously entered into losssharing agreements with Visa and other financial institutions in connection with certain antitrust litigation against Visa, including Interchange. The Corporation and these same affiliates have now entered into additional losssharing agreements for Interchange that cover all defendants, including MasterCard. Collectively, the loss-sharing agreements require the Corporation and/or certain affiliates to pay 11.6 percent of the monetary portion of any comprehensive Interchange settlement. In the event of an adverse judgment, the agreements require the Corporation and/or certain affiliates to pay 12.8 percent of any damages associated with Visa-related claims (Visarelated damages), 9.1 percent of any damages associated with Master-Card-related claims, and 11.6 percent of any damages associated with internetwork claims (internetwork damages) or not associated specifically with Visa or MasterCard-related claims (unassigned damages).

Pursuant to Visa's publicly-disclosed Retrospective Responsibility Plan (the RRP), Visa placed certain proceeds from its IPO into an escrow fund (the Escrow). Under the RRP, funds in the Escrow may be accessed by Visa and its members, including Bank of America, to pay for a comprehensive settlement or damages in Interchange, with the Corporation's payments from the Escrow capped at 12.81 percent of the funds that Visa places therein. Subject to that cap, the Corporation may use Escrow funds to cover: 66.7 percent of its monetary payment towards a comprehensive Interchange settlement, 100 percent of its payment for any Visa-related damages and 66.7 percent of its payment for any internetwork and unassigned damages.

## In re Initial Public Offering Securities Litigation

BAS, Merrill Lynch, MLPFS, and certain of their subsidiaries, along with other underwriters, and various issuers and others, were named as defendants in a number of putative class action lawsuits that have been consolidated in the U.S. District Court for the Southern District of New York as In re Initial Public Offering Securities Litigation. Plaintiffs contend, among other things, that defendants failed to make certain required disclosures in the registration statements and prospectuses for applicable offerings regarding alleged agreements with institutional investors that tied allocations in certain offerings to the purchase orders by those investors in the aftermarket. Plaintiffs allege that such agreements allowed defendants to manipulate the price of the securities sold in these offerings in violation of Section 11 of the Securities Act of 1933 and Section 10(b) of the Securities Exchange Act of 1934, and SEC rules promulgated thereunder. The parties agreed to settle the matter, for which the court granted final approval. Some putative class members have filed an appeal, which remains pending, in the U.S. Court of Appeals for the Second Circuit seeking reversal of the final approval.

## Lehman Brothers Holdings, Inc. Litigation

Beginning in September 2008, BAS, MLPFS, Countrywide Securities Corporation (CSC) and LaSalle Financial Services Inc., along with other underwriters and individuals, were named as defendants in several putative class action lawsuits filed in federal and state courts. All of these cases have since been transferred or conditionally transferred to the U.S. District Court for the Southern District of New York under the caption In re Lehman Brothers Securities and ERISA Litigation. Plaintiffs allege that the underwriter defendants violated Section 11 of the Securities Act of 1933, as well as various state laws, by making false or misleading disclosures about the real estaterelated investments and mortgage lending practices of Lehman Brothers Holdings, Inc. (LBHI) in connection with various debt and convertible stock
offerings of LBHI. Plaintiffs seek unspecified damages. On June 4, 2010, defendants filed a motion to dismiss the complaint, which remains pending.

## Lehman Setoff Litigation

In 2008, following the bankruptcy filing of LBHI, Lehman Brothers Special Financing Inc. (LBSF) owed money to BANA as a result of various terminated derivatives transactions entered into pursuant to one or more ISDA Master Agreements between the parties. The net termination values of these derivative transactions resulted in estimated claims by BANA against LBSF in excess of $\$ 1.0$ billion. LBHI had guaranteed this exposure and, as part of an arrangement through which various LBHI subsidiaries and affiliates would retain an ability to overdraw their accounts during working hours, had $\$ 500$ million in cash (plus $\$ 1.8$ million in accrued interest) on deposit with BANA in a deposit account (the Deposit Account).

On November 10, 2008, BANA exercised its right of setoff against the Deposit Account to partially satisfy claims that BANA had asserted against LBSF and LBHI pursuant to the ISDA agreements and the LBHI guarantee. At the same time, BANA exercised its right of set off against five other LBHI accounts holding an additional $\$ 7.5$ million (one of which, in the amount of approximately $\$ 500,000$, was later reversed). On November 26, 2008, BANA commenced an adversary proceeding against LBSF and LBHI in their Chapter 11 bankruptcy proceedings in the U.S. Bankruptcy Court for the Southern District of New York. BANA sought a declaration that its setoff of LBHI's funds was proper and not in violation of the automatic stay imposed under the Bankruptcy Code. In response, LBHI filed counterclaims against BANA alleging that BANA had no right to set off against the $\$ 502$ million held in the Deposit Account, and that the entire setoff was in violation of the automatic stay. LBHI sought the return of the set-off funds plus prejudgment interest and unspecified damages for violation of the automatic stay, including attorneys' fees and interest. LBSF and LBHI also argued in their summary judgment papers that the entire setoff was in violation of the automatic stay, although they did not plead turnover of the funds held in the other accounts.

On December 3, 2010, the Bankruptcy Court entered summary judgment against BANA with respect to setoff of the Deposit Account and directed BANA to pay to LBSF and LBHI $\$ 502$ million, plus interest at nine percent per annum from November 10, 2008 through the date of the judgment. The court conducted a status conference on January 19, 2011 and directed the parties to discuss and present a further order regarding LBHI's request for sanctions pertaining to BANA's alleged violation of the automatic stay. LBSF and LBHI publicly indicated that they would request turnover of the $\$ 7$ million that was set off from the other accounts plus an additional amount to account for changes in foreign exchange rates. The parties have since agreed in principle to settle both the sanctions issue and the question of turnover of the additional $\$ 7$ million for an irrevocable payment of $\$ 1.5$ million by BANA. The settlement, which has still to be finally documented and is subject to approval of the Bankruptcy Court, would express that BANA admits no liability or wrongdoing with respect to sanctions, and that LBHI and LBSF reserve no rights to seek recovery of the $\$ 7$ million, on appeal or otherwise. BANA will oppose that request. BANA has preserved its appellate rights as to the December 3 order and intends to file an appeal upon entry of a final order approving the settlement.

## MBIA Insurance Corporation CDO Litigation

On April 30, 2009, MBIA and LaCrosse Financial Products, LLC filed a complaint in New York State Supreme Court, New York County, against MLPFS and Merrill Lynch International (MLI) under the caption MBIA Insurance Corporation and LaCrosse Financial Products, LLC v. Merrill Lynch Pierce Fenner and Smith Inc., and Merrill Lynch International. The complaint relates to certain credit default swap and insurance agreements by which plaintiffs provided credit protection to MLPFS and MLI and other parties on CDO
securities. Plaintiffs claim that MLPFS and MLI did not adequately disclose the credit quality and other risks of the CDO securities and underlying collateral. The complaint alleges claims for fraud, negligent misrepresentation, breach of the implied covenant of good faith and fair dealing and breach of contract and seeks rescission and unspecified compensatory and punitive damages, among other relief. On April 9, 2010, the court granted defendants' motion to dismiss as to the fraud, negligent misrepresentation, breach of the implied covenant of good faith and fair dealing and rescission claims, as well as a portion of the breach of contract claim. Plaintiffs have appealed the dismissal of their claims and MLI has cross-appealed the denial of its motion to dismiss the breach of contract claim in its entirety. On February 1, 2011, the appellate court dismissed the case against MLI in its entirety. MBIA has filed a request to appeal the appellate court's decision to the New York State Court of Appeals and has requested permission from the trial court to file an amended complaint.

## Merrill Lynch Acquisition-related Matters

Since January 2009, the Corporation and certain of its current and former officers and directors, among others, have been named as defendants in a variety of actions filed in state and federal courts relating to the Corporation's acquisition of Merrill Lynch (the Acquisition). These acquisition-related cases consist of securities actions, derivative actions and actions under ERISA. The claims in these actions generally concern (i) the Acquisition; (ii) the financial condition and 2008 fourth-quarter losses experienced by the Corporation and Merrill Lynch; (iii) due diligence conducted in connection with the Acquisition; (iv) the Corporation's agreement that Merrill Lynch could pay up to $\$ 5.8$ billion in bonus payments to Merrill Lynch employees; (v) the Corporation's discussions with government officials in December 2008 regarding the Corporation's consideration of invoking the material adverse change clause in the Acquisition agreement and the possibility of obtaining government assistance in completing the Acquisition; and/or (vi) alleged material misrepresentations and/or material omissions in the proxy statement and related materials for the Acquisition.

## Securities Actions

Plaintiffs in the putative securities class actions in the In re Bank of America Securities, Derivative and Employment Retirement Income Security Act (ERISA) Litigation (Securities Plaintiffs) represent all (i) purchasers of the Corporation's common and preferred securities between September 15, 2008 and January 21, 2009; (ii) holders of the Corporation's common stock or Series B Preferred Stock as of October 10, 2008; and (iii) purchasers of the Corporation's common stock issued in the offering that occurred on or about October 7, 2008. During the purported class period, the Corporation had between 4,560,112,687 and 5,017,579,321 common shares outstanding and the price of those securities declined from $\$ 33.74$ on September 12, 2008 to $\$ 6.68$ on January 21, 2009. Securities Plaintiffs claim violations of Sections 10(b), 14(a) and 20(a) of the Securities Exchange Act of 1934, and SEC rules promulgated thereunder. Securities Plaintiffs' amended complaint also alleges violations of Sections 11, 12(a)(2) and 15 of the Securities Act of 1933 related to an offering of the Corporation's common stock that occurred on or about October 7, 2008, and names BAS and MLPFS, among others, as defendants on the Section 11 and 12(a)(2) claims. The Corporation and its codefendants filed motions to dismiss, which the court granted in part by dismissing certain of the Securities Plaintiffs' claims under Section 10(b) of the Securities Exchange Act of 1934. Securities Plaintiffs have filed a second amended complaint which seeks to replead some of the dismissed claims as well as add claims under Sections 10(b) and 20(a) of the Securities Exchange Act of 1934 on behalf of holders of certain debt, preferred securities and option securities. The Corporation and its co-defendants have filed a motion to dismiss the second amended complaint's new and amended
allegations, which remains pending. Securities Plaintiffs seek unspecified monetary damages, legal costs and attorneys' fees.

Several individual plaintiffs have opted to pursue claims apart from the In re Bank of America Securities, Derivative, and Employment Retirement Income Security Act (ERISA) Litigation and, accordingly, have initiated individual actions relying on substantially the same facts and claims as the Securities Plaintiffs in the U.S. District Court for the Southern District of New York.

On January 13, 2010, the Corporation, Merrill Lynch and certain of the Corporation's current and former officers and directors were named in a purported class action filed in the U.S. District Court for the Southern District of New York entitled Dornfest v. Bank of America Corp., et al. The action is purportedly brought on behalf of investors in Corporation option contracts between September 15, 2008 and January 22, 2009 and alleges that during the class period approximately 9.5 million Corporation call option contracts and approximately eight million Corporation put option contracts were already traded on seven of the Options Clearing Corporation exchanges. The complaint alleges that defendants violated Sections 10(b) and 20(a) of the Securities Exchange Act of 1934 and SEC rules promulgated thereunder. On April 9, 2010, the court consolidated this action with the consolidated securities action in the In re Bank of America Securities, Derivative and Employment Retirement Income Security Act (ERISA) Litigation, and ruled that the plaintiffs may pursue the action as an individual action. Plaintiffs seek unspecified monetary damages, legal costs and attorneys' fees.

## Derivative Actions

Several of the derivative actions related to the Acquisition that were pending in the Delaware Court of Chancery were consolidated under the caption In re Bank of America Corporation Stockholder Derivative Litigation. In addition, the MDL ordered the transfer of actions related to the Acquisition that had been pending in various federal courts to the U.S. District Court for the Southern District of New York for coordinated or consolidated pretrial proceedings. These actions have been separately consolidated and are now pending under the caption In re Bank of America Securities, Derivative, and Employment Retirement Income Security Act (ERISA) Litigation.

On October 9, 2009, plaintiffs in the derivative actions in the In re Bank of America Securities, Derivative and Employment Retirement Income Security Act (ERISA) Litigation (the Derivative Plaintiffs) filed a consolidated amended derivative and class action complaint. The amended complaint names as defendants certain of the Corporation's current and former directors, officers and financial advisors, and certain of Merrill Lynch's current and former directors and officers. The Corporation is named as a nominal defendant with respect to the derivative claims. The amended complaint asserts claims for, among other things: (i) violation of federal securities laws; (ii) breach of fiduciary duties; (iii) the return of incentive compensation that is alleged to be inappropriate in view of the work performed and the results achieved by certain of the defendants; and (iv) contribution in connection with the Corporation's exposure to significant liability under state and federal law. The amended complaint seeks unspecified monetary damages, equitable remedies and other relief. On February 8, 2010, the Derivative Plaintiffs voluntarily dismissed their claims against each of the former Merrill Lynch officers and directors without prejudice. The Corporation and its co-defendants filed motions to dismiss, which were granted in part on August 27, 2010. On October 18, 2010, the Corporation and its co-defendants answered the remaining allegations asserted by the Derivative Plaintiffs.

On February 17, 2010, an alleged shareholder of the Corporation filed a purported derivative action, entitled Bahnmaier v. Lewis, et al., in the U.S. District Court for the Southern District of New York. The complaint names as defendants certain of the Corporation's current and former directors and officers, and one of Merrill Lynch's former officers. The complaint alleges, among other things, that the individual defendants breached their fiduciary
duties by failing to provide accurate and complete information to shareholders regarding: (i) certain Acquisition-related events; (ii) the potential for litigation resulting from Countrywide's lending practices; and (iii) the risk posed to the Corporation's capital levels as a result of Countrywide's loan losses. The complaint also asserts claims against the individual defendants for breach of fiduciary duty by failing to maintain adequate internal controls, unjust enrichment, abuse of control and gross mismanagement in connection with the supervision and management of the operations, business and disclosure controls of the Corporation. The Corporation is named as a nominal defendant only and no monetary relief is sought against it. The complaint seeks, among other things, unspecified monetary damages, equitable remedies and other relief. On December 14, 2010, the court entered an order dismissing the complaint without prejudice.

The Corporation and certain of its current and former directors are also named as defendants in several putative class and derivative actions in the Delaware Court of Chancery, including Rothbaum v. Lewis; Southeastern Pennsylvania Transportation Authority v. Lewis; Tremont Partners LLC v. Lewis; Kovacs v. Lewis; Stern v. Lewis; and Houx v. Lewis, brought by shareholders alleging breaches of fiduciary duties and waste of corporate assets in connection with the Acquisition. On April 27, 2009, the Delaware Court of Chancery consolidated the derivative actions under the caption In re Bank of America Corporation Stockholder Derivative Litigation. The complaint seeks, among other things, unspecified monetary damages, equitable remedies and other relief. On April 30, 2009, the putative class claims in the Stern $v$. Lewis and Houx v. Lewis actions were voluntarily dismissed without prejudice. Trial is scheduled for October 2012.

## ERISA Actions

On October 9, 2009, plaintiffs in the ERISA actions in the In re Bank of America Securities, Derivative and Employment Retirement Income Security Act (ERISA) Litigation (the ERISA Plaintiffs) filed a consolidated amended complaint for breaches of duty under ERISA. The amended complaint is brought on behalf of a purported class that consists of participants in the Corporation's 401(k) Plan, the Corporation's 401(k) Plan for Legacy Companies, the CFC 401(k) Plan (collectively, the 401(k) Plans) and the Corporation's Pension Plan. The amended complaint alleges violations of ERISA, based on, among other things: (i) an alleged failure to prudently and loyally manage the 401(k) Plans and Pension Plan by continuing to offer the Corporation's common stock as an investment option or measure for participant contributions; (ii) an alleged failure to monitor the fiduciaries of the 401(k) Plans and Pension Plan; (iii) an alleged failure to provide complete and accurate information to the 401(k) Plans and Pension Plan participants with respect to the Merrill Lynch and Countrywide acquisitions and related matters; and (iv) alleged co-fiduciary liability for these purported fiduciary breaches. The amended complaint seeks unspecified monetary damages, equitable remedies and other relief. On August 27, 2010, the court dismissed the complaint brought by plaintiffs in the consolidated ERISA action in its entirety. The ERISA Plaintiffs filed a notice of appeal of the court's dismissal of their actions. The parties then stipulated to the dismissal of the appeal with the agreement that the ERISA Plaintiffs can reinstate their appeal at any time up until July 27, 2011.

## NYAG Action

On February 4, 2010, the New York Attorney General (NYAG) filed a civil complaint in the Supreme Court of New York State, entitled People of the State of New York v. Bank of America, et al. The complaint names as defendants the Corporation and the Corporation's former CEO and CFO, and alleges violations of Sections 352, 352-c(1)(a), 352-c(1)(c), and 353 of the New York General Business Law, commonly known as the Martin Act, and Section 63(12) of the New York Executive Law. The complaint seeks an
unspecified amount in disgorgement, penalties, restitution, and damages and other equitable relief. The court has ordered fact discovery to be complete by September 30, 2011.

## Montgomery

The Corporation, several of its current and former officers and directors, BAS, MLPFS and other unaffiliated underwriters have been named as defendants in a putative class action filed in the U.S. District Court for the Southern District of New York entitled Montgomery v. Bank of America, et al. Plaintiff filed an amended complaint on January 14, 2011. Plaintiff seeks to sue on behalf of all persons who acquired certain series of preferred stock offered by the Corporation pursuant to a shelf registration statement dated May 5, 2006. Plaintiff's claims arise from three offerings dated January 24, 2008, January 28, 2008 and May 20, 2008, from which the Corporation allegedly received proceeds of $\$ 15.8$ billion. The amended complaint asserts claims under Sections 11, 12(a)(2) and 15 of the Securities Act of 1933, and alleges that the prospectus supplements associated with the offerings: (i) failed to disclose that the Corporation's loans, leases, CDOs and commercial MBS were impaired to a greater extent than disclosed; (ii) misrepresented the extent of the impaired assets by failing to establish adequate reserves or properly record losses for its impaired assets; (iii) misrepresented the adequacy of the Corporation's internal controls in light of the alleged impairment of its assets; (iv) misrepresented the Corporation's capital base and Tier 1 leverage ratio for risk-based capital in light of the allegedly impaired assets; and (v) misrepresented the thoroughness and adequacy of the Corporation's due diligence in connection with its acquisition of Countrywide. The amended complaint seeks rescission, compensatory and other damages.

## Mortgage-backed Securities Litigation

The Corporation and its affiliates, Countrywide entities and their affiliates, and Merrill Lynch entities and their affiliates have been named as defendants in several cases relating to their various roles as issuer, originator, seller, depositor, sponsor, underwriter and/or controlling entity in MBS offerings, pursuant to which the MBS investors were entitled to a portion of the cash flow from the underlying pools of mortgages. These cases generally include purported class action suits and actions by individual MBS purchasers. Although the allegations vary by lawsuit, these cases generally allege that the registration statements, prospectuses and prospectus supplements for securities issued by securitization trusts contained material misrepresentations and omissions, in violation of Sections 11 and 12 of the Securities Act of 1933 and/or state securities laws and other state statutory and common laws.

These cases generally involve allegations of false and misleading statements regarding: (i) the process by which the properties that served as collateral for the mortgage loans underlying the MBS were appraised; (ii) the percentage of equity that mortgage borrowers had in their homes; (iii) the borrowers' ability to repay their mortgage loans; and (iv) the underwriting practices by which those mortgage loans were originated (collectively, the MBS Claims). In addition, several of the cases discussed below assert claims related to the ratings given to the different tranches of MBS by rating agencies. Plaintiffs in these cases generally seek unspecified compensatory damages, unspecified costs and legal fees and, in some instances, seek rescission.

## Luther Litigation and Related Actions

David H. Luther and various pension funds (collectively, Luther Plaintiffs) commenced a putative class action against CFC, several of its affiliates, BAS, MLPFS and other entities and individuals in California Superior Court for Los Angeles County entitled Luther v. Countrywide Financial Corporation, et al (the Luther Action). The Luther Plaintiffs claim that they and other unspecified investors purchased MBS issued by subsidiaries of CFC in 429 offerings
between January 2005 and December 2007. The Luther Plaintiffs certified that they collectively purchased securities in 61 of the 429 offerings for approximately $\$ 216$ million. On January 6, 2010, the court granted CFC's motion to dismiss, with prejudice, due to lack of subject matter jurisdiction. The Luther Plaintiffs' appeal to the California Court of Appeal is currently pending.

Following the dismissal of the Luther Action, the Maine State Retirement System filed a putative class action in the U.S. District Court for the Central District of California, entitled Maine State Retirement System v. Countrywide Financial Corporation, et al. (the Maine Action). The Maine Action names the same defendants as the Luther Action, as well as the Corporation and NB Holdings Corporation, and asserts substantially the same allegations regarding 427 of the MBS offerings that were at issue in the Luther Action. On May 14, 2010, the court appointed the lowa Public Employees' Retirement System (IPERS) as Lead Plaintiff. On July 13, 2010, IPERS filed an amended complaint, which added additional pension fund plaintiffs (collectively, the Maine Plaintiffs). The Maine Plaintiffs certified that they purchased securities in 81 of those 427 offerings, for approximately $\$ 538$ million. On November 4, 2010, the court granted CFC's motion to dismiss the amended complaint in its entirety, and ordered the Maine Plaintiffs to file a second amended complaint within 30 days. In so doing, the court held that the Maine Plaintiffs only have standing to sue over the 81 offerings in which they actually purchased MBS. The court also held that the applicable statute of limitations could be tolled by the filing of the Luther Action only with respect to the offerings in which the Luther Plaintiffs actually purchased MBS. On December 6, 2010, the Maine Plaintiffs filed a second amended complaint that relates to 14 MBS offerings.

Western Conference of Teamsters Pension Trust Fund (Western Teamsters) filed suit against the same defendants named in the Maine Action on November 17, 2010 in the Superior Court of California, Los Angeles County, entitled Western Conference of Teamsters Pension Trust Fund v. Countrywide Financial Corporation, et al. Western Teamsters claims that it and other unspecified investors purchased MBS issued in the 428 offerings that were also at issue in the Luther Action. The Western Teamsters action has been stayed by the Superior Court pending resolution of the appeal of the Luther Action.

The New Mexico State Investment Council, New Mexico Educational Retirement Board and New Mexico Public Employees Retirement Association (the New Mexico Plaintiffs) have also brought an action against CFC and several of its affiliates, current and former officers, as well as third-party underwriters in New Mexico District Court for the County of Santa Fe, entitled New Mexico State Investment Council, et al. v. Countrywide Financial Corporation, et al. A related action was later filed against the individual defendants in California Superior Court, entitled New Mexico State Investment Council, et al. v. Stanford L. Kurland, et al. On November 15, 2010, the parties agreed to resolve and dismiss these two cases in their entirety with prejudice for an amount that is not material to the Corporation's results of operations.

Putnam Bank filed a putative class action lawsuit on January 27, 2011 against CFC, the Corporation, certain of their subsidiaries, and certain individuals in the U.S. District Court for the District of Connecticut, entitled Putnam Bank v. Countrywide Financial Corporation, et al. Putnam Bank alleges that it purchased approximately $\$ 33$ million in eight MBS offerings issued by subsidiaries of CFC between August 2005 and September 2007. All eight offerings were also included in the Luther Action and the Maine Action. In addition to certain MBS Claims, Putnam Bank contends among other things that defendants made false and misleading statements regarding: (i) the number of mortgage loans in each offering that were originated under reduced documentation programs; (ii) the method by which mortgages were selected for inclusion in the collateral pools underlying the offerings; and (iii) the analysis conducted by ratings agencies prior to assigning ratings to the MBS.

Countrywide may also be subject to contractual indemnification obligations for the benefit of certain defendants involved in the MBS matters discussed above.

## IndyMac Litigation

In 2006 and 2007, MLPFS, CSC and other financial institutions participated as underwriters in MBS offerings in which IndyMac MBS, Inc. securitized residential mortgage loans originated or acquired by IndyMac Bank, F.S.B. (IndyMac Bank) and created trusts that issued MBS. In 2009, the Corporation was named as an underwriter defendant, along with several other financial institutions, in its alleged capacity as "successor-in-interest" to MLPFS and CSC in a consolidated class action in the U.S. District Court for the Southern District of New York, entitled In re IndyMac Mortgage-Backed Securities Litigation. In their complaint, plaintiffs assert MBS Claims relating to 106 offerings of IndyMac-related MBS. On June 21, 2010, the court dismissed the Corporation from the action because the plaintiffs failed to plead sufficient facts to support their allegation that the Corporation is the "successor-in-interest" to MLPFS and CSC. On August 3, 2010, plaintiffs filed a motion to add MLPFS and CSC as defendants, which MLPFS and CSC have opposed.

## Merrill Lynch MBS Litigation

Merrill Lynch, MLPFS, Merrill Lynch Mortgage Investors, Inc. (MLMI) and certain current and former directors of MLMI are named as defendants in a putative consolidated class action in the U.S. District Court in the Southern District of New York, entitled Public Employees' Ret. System of Mississippi v. Merrill Lynch \& Co. Inc. In addition to MBS Claims, plaintiffs also allege that the offering documents for the MBS misrepresented or omitted material facts regarding the credit ratings assigned to the securities. In March 2010, the court dismissed claims related to 65 of 84 offerings with prejudice due to lack of standing as no named plaintiff purchased securities in those offerings. On November 8, 2010, the court dismissed claims related to 1 of 19 remaining offerings on separate grounds. MLPFS was the sole underwriter of these 18 offerings. On December 1, 2010, the defendants filed an answer to the consolidated amended complaint.

## Cambridge Place Investment Management Litigation

Cambridge Place Investment Management Inc. (CPIM), as the alleged exclusive assignee of certain entities that allegedly purchased MBS offered or sold by BAS, MLPFS and CSC, brought an action against BAS, MLPFS, CSC and several of their affiliates in Massachusetts Superior Court, Suffolk County, entitled Cambridge Place Investment Management Inc. v. Morgan Stanley \& Co., Inc., et al. CPIM also brought claims against more than 50 other defendants in this action. In addition to MBS Claims, CPIM contends that BAS, MLPFS, CSC and their affiliates made false and misleading statements in violation of the Massachusetts Uniform Securities Act regarding: (i) due diligence performed by the underwriters on the mortgage loans and the mortgage originators' underwriting practices; and (ii) the credit enhancements applicable to certain tranches of the MBS. On August 13, 2010, certain defendants removed the case to the U.S. District Court for the District of Massachusetts. On September 13, 2010, CPIM filed a motion to remand the case back to state court. On October 12, 2010, the court referred the motion to remand to a Magistrate Judge for consideration. On December 28, 2010, the Magistrate Judge issued a report and recommendation that the action be remanded to state court. On January 18, 2011, the defendants filed an objection to that recommendation, which CPIM opposed on February 1, 2011. The objection to the Magistrate Judge's recommendation remains pending.

On February 11, 2011, CPIM commenced a separate civil action in Massachusetts Superior Court, Suffolk County, captioned Cambridge Place Investment Management Inc. v. Morgan Stanley \& Co., Inc., et al., in
connection with the offering or sale of certain additional mortgage-backed securities by BAS, MLPFS, CSC, several of their affiliates and more than 40 other defendants. CPIM alleges that it is the assignee of the claims of certain entities that allegedly purchased mortgage-backed securities issued or sold by BAS, MLPFS and CSC in various offerings. In addition to MBS Claims, CPIM contends that BAS, MLPFS, CSC and their affiliates made false and misleading statements in violation of the Massachusetts Uniform Securities Act in connection with these offerings regarding: (i) due diligence performed by the underwriters on the mortgage loans and the mortgage originators' underwriting practices; (ii) the credit enhancements applicable to certain tranches of the MBS; and (iii) the validity of each issuing trust's title to the mortgage loans comprising the pool for that securitization.

## Federal Home Loan Bank Litigation

The Federal Home Loan Bank of Atlanta (FHLB Atlanta) filed a complaint on January 18, 2011 against the Corporation, CFC, CSC and Countrywide Home Loans (CHL) in the State Court of Georgia, Fulton County, entitled Federal Home Loan Bank of Atlanta v. Countrywide Financial Corporation, et al. In addition to certain MBS Claims, FHLB Atlanta contends that defendants made false and misleading statements regarding: (i) the credit ratings of the securities; and (ii) the transfer and assignment of the loans to the trusts.

The Federal Home Loan Bank of Chicago (FHLB Chicago) filed a complaint against the Corporation, BAS, MLPFS and CSC in the Illinois Circuit Court, Cook County, entitled Federal Home Loan Bank of Chicago v. Banc of America Funding Corp., et al. (the Illinois Action). FHLB Chicago also filed a complaint against BAS, CFC and subsidiaries of CFC in the Superior Court of California, Los Angeles County, entitled Federal Home Loan Bank of Chicago v. Banc of America Securities LLC, et al. (the California Action). In addition to certain MBS Claims, FHLB Chicago contends that defendants made false and misleading statements regarding among other things, the guidelines for extending mortgages to borrowers and the due diligence performed on repurchased and pooled loans. Both actions have been removed to federal court.

The Federal Home Loan Bank of Pittsburgh (FHLB Pittsburgh) commenced an action against CFC, CSC and certain other Countrywide affiliates, as well as several ratings agencies, in the Court of Common Pleas of Allegheny County Pennsylvania, entitled Federal Home Loan Bank of Pittsburgh v. Countrywide Securities Corporation et al. FHLB Pittsburgh claims to have purchased MBS issued by subsidiaries of CFC in five offerings for approximately \$366 million. In addition to certain MBS Claims, FHLB Pittsburgh contends that defendants made false and misleading statements regarding the risk associated with the MBS based on their credit ratings. Countrywide's motion to dismiss was denied on November 29, 2010.

The Federal Home Loan Bank of Seattle (FHLB Seattle) filed four separate complaints, each against different defendants, including the Corporation and several of its subsidiaries, Countrywide and Merrill Lynch, as well as certain other defendants, in the Superior Court of Washington for King County concerning four separate issuances entitled Federal Home Loan Bank of Seattle v. UBS Securities LLC, et al.; Federal Home Loan Bank of Seattle v. Countrywide Securities Corp., et al.; Federal Home Loan Bank of Seattle v. Banc of America Securities LLC, et al. and Federal Home Loan Bank of Seattle v. Merrill Lynch, Pierce, Fenner \& Smith, Inc., et al. In addition to certain MBS Claims, FHLB Seattle contends that defendants made false and misleading statements regarding the number of borrowers who actually lived in the houses that secured the mortgage loans and the business practices of the lending institutions that made the mortgage loans. FHLB Seattle claims that the sales violated the Securities Act of Washington. On October 18, 2010, the Corporation entities and Countrywide entities named as defendants in three of the cases filed a consolidated motion to dismiss the amended complaints, which is currently pending. On the same date, the

Merrill Lynch entities named as defendants in the fourth case filed a motion to dismiss the amended complaint, which is currently pending.

The Federal Home Loan Bank of San Francisco (FHLB San Francisco) filed two actions against various affiliates of the Corporation, as well as various Countrywide and Merrill Lynch entities in the Superior Court of California, County of San Francisco, entitled: (i) Federal Home Loan Bank of San Francisco v. Credit Suisse Securities (USA) LLC, et al., which asserts claims against CFC, CSC, BAS and several of their affiliates; and (ii) Federal Home Loan Bank of San Francisco v. Deutsche Bank Securities Inc., et al., which asserts claims against CSC and MLPFS. In addition to certain MBS Claims, FHLB San Francisco contends that defendants made false and misleading statements regarding the original mortgage lenders' guidelines for extending the loans to borrowers. FHLB San Francisco also claims that defendants failed to disclose that third-party ratings services' credit ratings of the MBS did not take into account defendants' false and misleading statements about the mortgage loans underlying the MBS. On November 5, 2010, FHLB San Francisco sought permission from the court to amend its complaint in the first action to include the Corporation as a defendant and, among other things, to assert control person liability claims against the Corporation under state and federal securities laws and to assert that the Corporation succeeded to CFC's interests. Defendants had removed the state court actions to federal court, but on December 20, 2010, the U.S. District Court, Northern District of California remanded the cases to state court and denied a motion to amend the complaint as moot when it granted remand. On November 5, 2010, FHLB San Francisco also filed a declaratory action in the Superior Court of California, County of San Francisco, entitled Federal Home Loan Bank of San Francisco v. Bank of America Corporation and Does 1-10, seeking a determination that the Corporation is a successor to the liabilities of CFC including the liabilities at issue in Federal Home Loan Bank of San Francisco v. Credit Suisse Securities (USA) LLC, et al.

## Charles Schwab Litigation

The Charles Schwab Corporation (Schwab) has filed an action against the Corporation, BAS, Countrywide, and several of their affiliates, in the Superior Court of California, County of San Francisco, on July 15, 2010 entitled The Charles Schwab Corp. v. BNP Paribas Securities Corp., et al. This action is in connection with the purchase by Schwab of approximately $\$ 577$ million of MBS, $\$ 166$ million of which relates to claims with respect to the Corporation and BAS and $\$ 411$ million of which relates to claims with respect to Countrywide. In addition to MBS Claims, Schwab contends that the Corporation, BAS and Countrywide are liable for false and misleading statements regarding among other things, the business practices of the lending institution that made the original loan and MBS credit ratings. In September 2010, the Corporation, BAS and Countrywide joined in or consented to the removal of this action to the U.S. District Court for the Northern District of California. Schwab has filed a motion to remand the action to California state court, which remains pending.

## Allstate Litigation

Allstate Insurance Company, Allstate Life Insurance Company, Allstate Life Insurance Company of New York and American Heritage Life Insurance Company (collectively, the Allstate Plaintiffs) filed an action on December 27, 2010 against CFC, the Corporation, several of their affiliates and several individuals in the U.S. District Court for the Southern District of New York, entitled Allstate Insurance Company, et al., v. Countrywide Financial Corporation, et al. (the Allstate Action). The Allstate Plaintiffs allege that they purchased MBS issued by CFC related entities in 25 offerings between March 2005 and June 2007. All but three of the 25 offerings in the Allstate Action are also at issue in the Luther and Western Teamsters Actions. Two of the 25 offerings in the Allstate Action are also at issue in the second amended complaint filed by plaintiffs in
the Maine Action on December 6, 2010. In addition to certain MBS Claims, the Allstate Plaintiffs contend that defendants made false and misleading statements regarding: (i) the number of borrowers who used the properties securing the mortgage loans as their primary residence; (ii) the number of mortgage loans in each offering that were originated under reduced documentation programs; and (iii) the standards by which the mortgage loans were serviced after origination.

## Regulatory Investigations

In addition to the MBS litigation discussed beginning on page 205, the Corporation has also received a number of subpoenas and other informal requests for information from federal regulators regarding MBS matters, including inquiries related to the Corporation's underwriting and issuance of MBS and its participation in certain CDO offerings.

## Municipal Derivatives Matters

The SEC, the Department of Justice (DOJ), the Internal Revenue Service (IRS), the Office of Comptroller of the Currency (OCC), the Federal Reserve and a Working Group of State Attorneys General (the Working Group) have investigated the Corporation, BANA and BAS concerning possible anticompetitive practices in the municipal derivatives industry dating back to the early 1990s. These investigations have focused on the bidding practices for guaranteed investment contracts, the investment vehicles in which the proceeds of municipal bond offerings are deposited, as well as other types of derivative transactions related to municipal bonds. On January 11, 2007, the Corporation entered a Corporate Conditional Leniency Letter with the DOJ, under which the DOJ agreed not to prosecute the Corporation for criminal antitrust violations in connection with matters the Corporation has reported to the DOJ, subject to the Corporation's continued cooperation. On December 7, 2010, the Corporation and its affiliates settled inquiries with the SEC, OCC, IRS and the Working Group for an aggregate amount that is not material to the Corporation's results of operations. In addition, the Corporation entered into an agreement with the Federal Reserve providing for additional oversight and compliance risk management.

BANA and Merrill Lynch, along with other financial institutions, are named as defendants in several substantially similar class actions and individual actions, filed in various state and federal courts by several municipalities that issued municipal bonds, as well as purchasers of municipal derivatives. These actions generally allege that defendants conspired to violate federal and state antitrust laws by allocating customers, and fixing or stabilizing rates of return on certain municipal derivatives from 1992 to the present. These actions seek unspecified damages, including treble damages. However, as a result of the Corporation's receipt of the Corporate Leniency Letter from the DOJ referenced above, the Corporation is eligible to seek a ruling that certain civil plaintiffs are limited to single, rather than treble, damages and relief from joint and several liability with co-defendants in the civil suits discussed below. All of the actions have been transferred to the U.S. District Court for the Southern District of New York and consolidated in a single proceeding, entitled In re Municipal Derivatives Antitrust Litigation. Defendants other than BANA and Merrill Lynch filed motions to dismiss plaintiffs' complaints, which the court denied in large part in April 2010. The action has otherwise been largely stayed while the DOJ completes its criminal trials concerning other parties.

## Ocala Litigation

BNP Paribas Mortgage Corporation and Deutsche Bank AG each filed claims (the 2009 Actions) against BANA in the U.S. District Court for the Southern District of New York entitled BNP Paribas Mortgage Corporation v. Bank of America, N.A. and Deutsche Bank AG v. Bank of America, N.A. Plaintiffs allege that BANA failed to properly perform its duties as indenture trustee, collateral agent, custodian and depositary for Ocala Funding, LLC (Ocala), a home
mortgage warehousing facility, resulting in the loss of plaintiffs' investment in Ocala. Ocala was a wholly-owned subsidiary of Taylor, Bean \& Whitaker Mortgage Corp. (TBW), a home mortgage originator and servicer which is alleged to have committed fraud that led to its eventual bankruptcy. Ocala provided funding for TBW's mortgage origination activities by issuing notes, the proceeds of which were to be used by TBW to originate home mortgages. Such mortgages and other Ocala assets in turn were pledged to BANA, as collateral agent, to secure the notes. Plaintiffs lost most or all of their investment in Ocala when, as the result of the alleged fraud committed by TBW, Ocala was unable to repay the notes purchased by plaintiffs and there was insufficient collateral to satisfy Ocala's debt obligations. Plaintiffs allege that BANA breached its contractual, fiduciary and other duties to Ocala, thereby permitting TBW's alleged fraud to go undetected. Plaintiffs seek compensatory damages and other relief from BANA, including interest and attorneys' fees, in an unspecified amount, but which plaintiffs allege exceeds $\$ 1.6$ billion. BANA's motions to dismiss these actions are currently pending.

On August 30, 2010, plaintiffs each filed a new lawsuit (the 2010 Actions) against BANA in the U.S. District Court for the Southern District of Florida entitled BNP Paribas Mortgage Corporation v. Bank of America, N.A. and Deutsche Bank AG v. Bank of America, N.A., which the parties agreed to transfer to the U.S. District Court for the Southern District of New York as related to the 2009 Actions. The 2010 Actions assert an alternative theory for plaintiffs to recover a portion of their Ocala losses from BANA. Plaintiffs allege that BANA's commercial division purchased from TBW participation interests in pools of mortgage loans that allegedly included loans that were already pledged as collateral for plaintiffs' Ocala notes. Plaintiffs allege that the purchase of these participation interests constituted conversion of the underlying mortgage loans and that BANA is thus required to reimburse plaintiffs for the value of these loans. Plaintiffs seek compensatory and other damages, interest and attorneys' fees in amounts that are unspecified but which plaintiffs allege exceed approximately $\$ 665$ million, representing a portion of the same losses alleged in the 2009 Actions. BANA's motion to dismiss the 2010 Actions was argued in the U.S. District Court for the Southern District of New York on January 26, 2011.

On October 1, 2010, BANA, on behalf of Ocala's investors, filed suit in the U.S. District Court for the District of Columbia against the Federal Deposit Insurance Corporation (FDIC) as receiver of Colonial Bank (TBW's primary bank) and Platinum Community Bank (a wholly-owned subsidiary of TBW) entitled Bank of America, National Association as indenture trustee, custodian and collateral agent for Ocala Funding, LLC v. Federal Deposit Insurance Corporation. The suit seeks judicial review of the FDIC's denial of the administrative claims brought by BANA, on behalf of Ocala, in the FDIC's Colonial and Platinum receivership proceedings. BANA's claims allege that Ocala's losses were in whole or in part the result of Colonial's and Platinum's participation in TBW's alleged fraud. BANA seeks a court order requiring the FDIC to allow BANA's claims in an amount equal to Ocala's losses and, accordingly, to permit BANA, as trustee, collateral agent, custodian and depositary for Ocala, to share appropriately in distributions of any receivership assets that the FDIC makes to creditors of the two failed banks.

## Parmalat

On November 23, 2005, the Official Liquidators of Food Holdings Limited and Dairy Holdings Limited, two entities in liquidation proceedings in the Cayman Islands, filed a complaint in the U.S. District Court for the Southern District of New York, entitled Food Holdings Ltd, et al. v. Bank of America Corp., et al., against the Corporation and several related entities. Plaintiffs allege that the Corporation and other defendants conspired with Parmalat, which was admitted to insolvency proceedings in Italy in December 2003, in carrying out transactions involving the plaintiffs in connection with the funding of Parmalat's Brazilian entities. Plaintiffs assert claims for fraud, negligent misrepresentation, breach of fiduciary duty and other related claims. The complaint
seeks in excess of $\$ 400$ million in compensatory damages and interest, among other relief. On February 17, 2010, the court dismissed all of plaintiffs' claims. On March 18, 2010, plaintiffs filed a notice of appeal to the U.S. Court of Appeals for the Second Circuit and on April 1, 2010, the Corporation filed a cross-appeal. Briefing was completed in December 2010.

## NOTE 15 Shareholders' Equity

## Common Stock

In October 2010, July 2010, April 2010 and January 2010, the Board declared the fourth, third, second and first quarters' cash dividends of $\$ 0.01$ per common share, which were paid on December 24, 2010, September 24, 2010, June 25, 2010 and March 26, 2010 to common shareholders of record on December 3, 2010, September 3, 2010, June 4, 2010 and March 5, 2010, respectively. In addition, in January 2011, the Board declared a first quarter cash dividend of $\$ 0.01$ per common share payable on March 25, 2011 to common shareholders of record on March 4, 2011.

On February 23, 2010, the Corporation held a special meeting of stockholders at which it obtained shareholder approval of an amendment to the Corporation's amended and restated certificate of incorporation to increase the number of authorized shares of common stock from 10.0 billion to 11.3 billion. On April 28, 2010, at the Corporation's 2010 Annual Meeting of Stockholders, the Corporation obtained shareholder approval of an amendment to the Corporation's amended and restated certificate of incorporation to increase the number of authorized shares of common stock from 11.3 billion to 12.8 billion.

In January 2009, the Corporation issued 1.4 billion shares of common stock in connection with its acquisition of Merrill Lynch. For additional information regarding the Merrill Lynch acquisition, see Note 2 - Merger and Restructuring Activity. During 2009 and 2008, in connection with preferred stock issuances to the U.S. government under the Troubled Asset Relief Program (TARP), the Corporation issued warrants to purchase 121.8 million shares of common stock at an exercise price of $\$ 30.79$ per share and 150.4 million shares of common stock at an exercise price of $\$ 13.30$ per share. The U.S. Treasury auctioned these warrants in March 2010.

In May 2009, the Corporation issued 1.3 billion shares of its common stock at an average price of $\$ 10.77$ per share through an at-the-market issuance program resulting in gross proceeds of approximately $\$ 13.5$ billion.

Through a 2008 authorized share repurchase program, the Corporation had the ability to repurchase shares of its common stock, subject to certain restrictions, from time to time, in the open market or in private transactions. The 2008 authorized repurchase program expired on January 23, 2010. There is no existing Board authorized share repurchase program. In 2010, the Corporation did not repurchase any shares of common stock and issued approximately 98.6 million shares under employee stock plans. At December 31, 2010, the Corporation had reserved 1.5 billion unissued shares of common stock for future issuances under employee stock plans, common stock warrants, convertible notes and preferred stock.

## Preferred Stock

During 2010, 2009 and 2008, the aggregate dividends declared on preferred stock were $\$ 1.4$ billion, $\$ 4.5$ billion and $\$ 1.3$ billion, respectively. This included $\$ 474$ million and $\$ 536$ million in 2010 and 2009 related to preferred stock issued or remaining outstanding as a part of the Merrill Lynch acquisition.

In connection with the Merrill Lynch acquisition, Merrill Lynch non-convertible preferred shareholders received Bank of America Corporation preferred stock having substantially identical terms. On October 15, 2010, all of the outstanding shares of the mandatory convertible preferred stock of Merrill Lynch automatically converted into an aggregate of 50 million shares of the Corporation's Common Stock in accordance with the terms of these preferred securities.

In October 2008, in connection with TARP, the Corporation issued to the U.S. Treasury non-voting perpetual preferred stock and warrants for $\$ 15.0$ billion. In addition, in January 2009, in connection with TARP and the Merrill Lynch acquisition, the Corporation issued additional preferred stock for $\$ 30.0$ billion.

In December 2009, the Corporation repurchased the non-voting perpetual preferred stock previously issued to the U.S. Treasury (TARP Preferred Stock) through the use of $\$ 25.7$ billion in excess liquidity and $\$ 19.3$ billion in proceeds from the sale of 1.3 billion Common Equivalent Securities (CES) valued at $\$ 15.00$ per unit. The CES consisted of depositary shares representing interests in shares of Common Equivalent Junior Preferred Stock, Series S (Common Equivalent Stock) and contingent warrants to purchase an aggregate of 60 million shares of the Corporation's common stock. On February 23,2010 , the Corporation held a special meeting of stockholders at which it obtained shareholder approval of an amendment to the Corporation's amended and restated certificate of incorporation to increase the number of authorized shares of common stock. Accordingly, the Common Equivalent Stock automatically converted in full into 1.286 billion shares of common stock on February 24, 2010. In addition, as a result, the contingent warrants expired without having become exercisable and the CES ceased to exist.

During 2009, the Corporation entered into agreements with certain holders of non-government perpetual preferred stock to exchange their holdings of approximately $\$ 7.3$ billion aggregate liquidation preference, before third-party issuance costs, of approximately 323 million shares of perpetual preferred stock for approximately 545 million shares of common stock with a fair value of stock issued of $\$ 6.1$ billion. In addition, the Corporation exchanged approximately $\$ 3.9$ billion aggregate liquidation preference, before third-party issuance costs, of approximately 144 million shares of non-government preferred stock for approximately 200 million shares of common stock in an exchange offer with a fair value of stock issued of $\$ 2.5$ billion. In total, these exchanges resulted in the exchange of approximately $\$ 11.3$ billion aggregate liquidation preference, before third-party issuance costs, of approximately 467 million shares of preferred stock into approximately 745 million shares of common stock with a fair value of stock issued of $\$ 8.6$ billion.

In addition, during 2009, the Corporation exchanged 3.6 million shares, or $\$ 3.6$ billion aggregate liquidation preference of Series L 7.25\% Non-Cumulative Perpetual Convertible Preferred Stock into 255 million shares of common stock valued at $\$ 2.8$ billion, which was accounted for as an induced conversion of preferred stock.

As a result of these exchanges, the Corporation recorded an increase to retained earnings and net income (loss) applicable to common shareholders of $\$ 576$ million. This represents the net of a $\$ 2.62$ billion benefit due to the excess of the carrying value of the Corporation's non-convertible preferred stock over the fair value of the common stock exchanged. This was partially offset by a $\$ 2.04$ billion inducement representing the excess of the fair value of the common stock exchanged over the fair value of the common stock that would have been issued under the original conversion terms.

The table below presents a summary of perpetual preferred stock previously issued by the Corporation and remaining outstanding, including the series of preferred stock issued and remaining outstanding in connection with the acquisition of Merrill Lynch, after consideration of the exchanges discussed on the previous page.


[^14]Series L Preferred Stock does not have early redemption/call rights. Each share of the Series L Preferred Stock may be converted at any time, at the option of the holder, into 20 shares of the Corporation's common stock plus cash in lieu of fractional shares. On or after January 30, 2013, the Corporation may cause some or all of the Series L Preferred Stock, at its option, at any time or from time to time, to be converted into shares of common stock at the then-applicable conversion rate if, for 20 trading days during any period of 30 consecutive trading days, the closing price of common stock exceeds 130 percent of the then-applicable conversion price of the Series L Preferred Stock. If the Corporation exercises its rights to cause the automatic conversion of Series L Preferred Stock on January 30, 2013, it will still pay any accrued dividends payable on January 30, 2013 to the applicable holders of record.

All series of preferred stock on the previous page have a par value of $\$ 0.01$ per share, are not subject to the operation of a sinking fund, have no participation rights, and with the exception of the Series LPreferred Stock, are
not convertible. The holders of the Series B Preferred Stock and Series 1-8 Preferred Stock have general voting rights, and the holders of the other series included on the previous page have no general voting rights. All preferred stock of the Corporation outstanding has preference over the Corporation's common stock with respect to the payment of dividends and distribution of the Corporation's assets in the event of a liquidation or dissolution. If any dividend payable on these series is in arrears for three or more semi-annual or six or more quarterly dividend periods, as applicable (whether consecutive or not), the holders of these series and any other class or series of preferred stock ranking equally as to payment of dividends and upon which equivalent voting rights have been conferred and are exercisable (voting as a single class) will be entitled to vote for the election of two additional directors. These voting rights terminate when the Corporation has paid in full dividends on these series for at least two semi-annual or four quarterly dividend periods, as applicable, following the dividend arrearage.

## NOTE 16 Accumulated Other Comprehensive Income

The table below presents the changes in accumulated OCI in 2008, 2009 and 2010, net-of-tax.

| (Dollars in millions) | Available-forSale Debt Securities | Available-forSale Marketable Equity Securities | Derivatives | Employee Benefit Plans ${ }^{(1)}$ | Foreign Currency ${ }^{(2)}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance, December 31, 2007 | \$(1,880) | \$ 8,416 | \$(4,402) | \$(1,301) | \$ 296 | \$ 1,129 |
| Net change in fair value recorded in accumulated OCI ${ }^{(3)}$ | $(5,496)$ | $(4,858)$ | 147 | $(3,387)$ | $(1,000)$ | $(14,594)$ |
| Net realized losses reclassified into earnings | 1,420 | 377 | 797 | 46 | - | 2,640 |
| Balance, December 31, 2008 | \$(5,956) | \$ 3,935 | \$( 3,458 ) | \$(4,642) | \$ (704) | \$(10,825) |
| Cumulative adjustment for accounting change-0TTI ${ }^{(4)}$ | (71) | - | - | - | - | (71) |
| Net change in fair value recorded in accumulated OCl | 6,364 | 2,651 | 153 | 318 | 211 | 9,697 |
| Net realized (gains) losses reclassified into earnings | (965) | $(4,457)$ | 770 | 232 | - | $(4,420)$ |
| Balance, December 31, 2009 | \$ (628) | \$ 2,129 | \$(2,535) | \$(4,092) | \$ (493) | \$ $(5,619)$ |
| Cumulative adjustments for accounting changes: |  |  |  |  |  |  |
| Consolidation of certain variable interest entities | (116) | - | - | - | - | (116) |
| Credit-related notes | 229 | - | - | - | - | 229 |
| Net change in fair value recorded in accumulated OCl | 2,210 | 5,657 | $(1,108)$ | (104) | (44) | 6,611 |
| Net realized (gains) losses reclassified into earnings | (981) | $(1,127)$ | 407 | 249 | 281 | $(1,171)$ |
| Balance, December 31, 2010 | \$ 714 | \$ 6,659 | \$(3,236) | \$(3,947) | \$ (256) | \$ (66) |

${ }^{(1)}$ Net change in fair value represents after-tax adjustments based on the final year-end actuarial valuations.
${ }^{(2)}$ Net change in fair value represents only the impact of changes in spot foreign exchange rates on the Corporation's net investment in non-U.S. operations and related hedges.
${ }^{\text {(3) }}$ For more information on employee benefit plans, see Note 19 - Employee Benefit Plans.
 Significant Accounting Principles and Note 5 - Securities.

NOTE 17 Earnings Per Common Share
The calculation of EPS and diluted EPS for 2010, 2009 and 2008 is presented below. See Note 1 — Summary of Significant Accounting Principles for additional information on the calculation of EPS.

| (Dollars in millions, except per share information; shares in thousands) | 2010 |  | 2009 |  | 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earnings (loss) per common share |  |  |  |  |  |  |
| Net income (loss) | \$ | $(2,238)$ | \$ | 6,276 | \$ | 4,008 |
| Preferred stock dividends |  | $(1,357)$ |  | $(4,494)$ |  | $(1,452)$ |
| Accelerated accretion from redemption of preferred stock issued to the U.S. Treasury |  | - |  | $(3,986)$ |  | - |
| Net income (loss) applicable to common shareholders |  | $(3,595)$ |  | $(2,204)$ |  | 2,556 |
| Dividends and undistributed earnings allocated to participating securities |  | (4) |  | (6) |  | (69) |
| Net income (loss) allocated to common shareholders | \$ | $(3,599)$ | \$ | $(2,210)$ | \$ | 2,487 |
| Average common shares issued and outstanding |  | 90,472 |  | 28,570 |  | 92,085 |
| Earnings (loss) per common share | \$ | (0.37) | \$ | (0.29) | \$ | 0.54 |
| Diluted earnings (loss) per common share |  |  |  |  |  |  |
| Net income (loss) applicable to common shareholders | \$ | $(3,595)$ | \$ | $(2,204)$ | \$ | 2,556 |
| Dividends and undistributed earnings allocated to participating securities |  | (4) |  | (6) |  | (69) |
| Net income (loss) allocated to common shareholders | \$ | $(3,599)$ | \$ | $(2,210)$ | \$ | 2,487 |
| Average common shares issued and outstanding |  | 90,472 |  | 28,570 |  | 92,085 |
| Dilutive potential common shares ${ }^{(1)}$ |  | - |  | - |  | 4,343 |
| Total diluted average common shares issued and outstanding |  | 90,472 |  | 28,570 |  | 96,428 |
| Diluted earnings (loss) per common share | \$ | (0.37) | \$ | (0.29) | \$ | 0.54 |

Due to the net loss applicable to common shareholders for 2010 and 2009, no dilutive potential common shares were included in the calculation of diluted EPS because they would have been antidilutive.

For 2010, 2009 and 2008, average options to purchase 271 million, 315 million and 181 million shares, respectively, of common stock were outstanding but not included in the computation of EPS because they were antidilutive under the treasury stock method. For 2010 and 2009, average warrants to purchase 272 million and 265 million shares of common stock were outstanding but not included in the computation of EPS because they were antidilutive under the treasury stock method. For 2010 and 2009, 107 million and 147 million average dilutive potential common shares associated with the convertible Series L Preferred Stock, and the mandatory convertible Preferred Stock Series 2 and Series 3 of Merrill Lynch were excluded from the diluted share count because the result would have been antidilutive under the "if-converted" method. For 2009, 81 million average dilutive potential common shares associated with the CES were also excluded from the diluted share count because the result would have been antidilutive under the "if-converted" method. For 2008, 128 million average dilutive potential common shares associated with the convertible Series L Preferred Stock were excluded from the diluted share count because the result would have been antidilutive under the "if-converted" method.

For purposes of computing basic EPS, CES were considered to be participating securities prior to February 24, 2010, however, due to a net loss for 2010, CES were not allocated earnings. The two-class method prohibits the allocation of an undistributed loss to participating securities. For purposes of computing diluted EPS, there was no dilutive effect of the CES, which were outstanding prior to February 24, 2010, due to a net loss for 2010.

For 2009, as a result of repurchasing the TARP Preferred Stock, the Corporation accelerated the remaining accretion of the issuance discount on the TARP Preferred Stock of $\$ 4.0$ billion and recorded a corresponding charge to retained earnings and income (loss) applicable to common shareholders in the calculation of diluted earnings per common share. In addition, in 2009, the Corporation recorded an increase to retained earnings and net income (loss) available to common shareholders of $\$ 576$ million related to the Corporation's preferred stock exchange for common stock.

## NOTE 18 Regulatory Requirements and Restrictions

The Federal Reserve requires the Corporation's banking subsidiaries to maintain reserve balances based on a percentage of certain deposits. Average daily reserve balances required by the Federal Reserve were $\$ 12.9$ billion and $\$ 10.9$ billion for 2010 and 2009. Currency and coin residing in branches and cash vaults (vault cash) are used to partially satisfy the reserve requirement. The average daily reserve balances, in excess of vault cash, held with the Federal Reserve amounted to $\$ 5.5$ billion and $\$ 3.4$ billion for 2010 and 2009.

The primary sources of funds for cash distributions by the Corporation to its shareholders are dividends received from its banking subsidiaries, Bank of America, N.A. and FIA Card Services, N.A. In 2010, the Corporation received $\$ 4.6$ billion in dividends from Bank of America, N.A. In 2011, Bank of America, N.A. and FIA Card Services, N.A. can declare and pay dividends to the Corporation of $\$ 5.8$ billion and $\$ 0$ plus an additional amount equal to their net profits for 2011, as defined by statute, up to the date of any such dividend declaration. The other subsidiary national banks can pay dividends in aggregate in 2011 of $\$ 53$ million plus an additional amount equal to their net profits for 2011, as defined by statute, up to the date of any such dividend declaration. The amount of dividends that each subsidiary bank may declare in a calendar year without approval by the OCC is the subsidiary bank's net profits for that year combined with its net retained profits, as defined, for the preceding two years.

The Federal Reserve, OCC, FDIC and Office of Thrift Supervision (collectively, joint agencies) have in place regulatory capital guidelines for U.S. banking organizations. Failure to meet the capital requirements can initiate certain mandatory and discretionary actions by regulators that could have a material effect on the Corporation's financial position. The regulatory capital guidelines measure capital in relation to the credit and market risks of both on- and off-balance sheet items using various risk weights. Under the regulatory capital guidelines, Total capital consists of three tiers of capital. Tier 1 capital includes qualifying common shareholders' equity, CES, qualifying noncumulative perpetual preferred stock, qualifying Trust Securities, hybrid securities and qualifying non-controlling interests, less goodwill and other adjustments. Tier 2 capital consists of qualifying subordinated debt, a limited portion of the
allowance for loan and lease losses, a portion of net unrealized gains on AFS marketable equity securities and other adjustments. Tier 3 capital includes subordinated debt that is unsecured, fully paid, has an original maturity of at least two years, is not redeemable before maturity without prior approval by the Federal Reserve and includes a lock-in clause precluding payment of either interest or principal if the payment would cause the issuing bank's riskbased capital ratio to fall or remain below the required minimum. Tier 3 capital can only be used to satisfy the Corporation's market risk capital requirement and may not be used to support its credit risk requirement. At December 31, 2010 and 2009, the Corporation had no subordinated debt that qualified as Tier 3 capital.

Certain corporate-sponsored trust companies which issue Trust Securities are not consolidated. In accordance with Federal Reserve guidance, Trust Securities continue to qualify as Tier 1 capital with revised quantitative limits that will be effective on March 31, 2011. As a result, the Corporation includes Trust Securities in Tier 1 capital. The Financial Reform Act includes a provision under which the Corporation's previously issued and outstanding Trust Securities in the aggregate amount of $\$ 19.9$ billion (approximately 137 bps of Tier 1 capital) at December 31, 2010, will no longer qualify as Tier 1 capital effective January 1, 2013. This amount excludes $\$ 1.6$ billion of hybrid Trust Securities that are expected to be converted to preferred stock prior to the date of implementation. The exclusion of Trust Securities from Tier 1 capital will be phased in incrementally over a three-year phase-in period. The treatment of Trust Securities during the phase-in period remains unclear and is subject to future rulemaking.

Current limits restrict core capital elements to 15 percent of total core capital elements for internationally active bank holding companies. Internationally active bank holding companies are those that have significant activities in non-U.S. markets with consolidated assets greater than $\$ 250$ billion or on-balance sheet non-U.S. exposure greater than $\$ 10$ billion. In addition, the Federal Reserve revised the qualitative standards for capital instruments included in regulatory capital. At December 31, 2010, the Corporation's restricted core capital elements comprised 11.4 percent of total core capital elements. The Corporation is and expects to remain fully compliant with the revised limits.

To meet minimum, adequately capitalized regulatory requirements, an institution must maintain a Tier 1 capital ratio of four percent and a Total capital ratio of eight percent. A "well-capitalized" institution must generally maintain capital ratios 200 bps higher than the minimum guidelines. The riskbased capital rules have been further supplemented by a Tier 1 leverage ratio, defined as Tier 1 capital divided by quarterly average total assets, after certain adjustments. "Well-capitalized" bank holding companies must have a minimum Tier 1 leverage ratio of four percent. National banks must maintain a Tier 1 leverage ratio of at least five percent to be classified as "well-capitalized." At December 31, 2010, the Corporation's Tier 1 capital, Total capital and Tier 1 leverage ratios were 11.24 percent, 15.77 percent and 7.21 percent, respectively. This classifies the Corporation as "well-capitalized" for regulatory purposes, the highest classification.

Net unrealized gains or losses on AFS debt securities and marketable equity securities, net unrealized gains and losses on derivatives, and employee benefit plan adjustments in shareholders' equity are excluded from the calculations of Tier 1 common capital as discussed below, Tier 1 capital and leverage ratios. The Total capital ratio excludes all of the above with the exception of up to 45 percent of the pre-tax net unrealized gains on AFS marketable equity securities.

The Corporation calculates Tier 1 common capital as Tier 1 capital including any CES less preferred stock, qualifying Trust Securities, hybrid securities and qualifying noncontrolling interest in subsidiaries. CES was included in Tier 1 common capital based upon applicable regulatory guidance and the expectation at December 31, 2009 that the underlying Common Equivalent Junior Preferred Stock, Series S would convert into common stock following shareholder approval of additional authorized shares. Shareholders approved the increase in the number of authorized shares of common stock and the Common Equivalent Stock converted into common stock on February 24,2010 . Tier 1 common capital was $\$ 125.1$ billion and $\$ 120.4$ billion and the Tier 1 common capital ratio was 8.60 percent and 7.81 percent at December 31, 2010 and 2009.

The table below presents actual and minimum required regulatory capital amounts for 2010 and 2009.

## Regulatory Capital

(Dollars in millions)
Risk-based capital Tier 1 common Bank of America Corporation Tier 1 Bank of America Corporation Bank of America, N.A.
FIA Card Services, N.A.

## Total

Bank of America Corporation Bank of America, N.A. FIA Card Services, N.A.
Tier 1 leverage
Bank of America Corporation
Bank of America, N.A.
FIA Card Services, N.A.
${ }^{1)}$ Dollar amount required to meet guidelines for adequately capitalized institutions.
$n / a=$ not applicable

| December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2010 |  |  | 2009 |  |  |
| Actual |  | $\begin{gathered} \text { Minimum } \\ \text { Required }^{(1)} \\ \hline \end{gathered}$ | Actual |  | Minimum |
| Ratio | Amount |  | Ratio | Amount | Required ${ }^{(1)}$ |
| 8.60\% | \$125,139 | n/a | 7.81\% | \$120,394 | n/a |
| 11.24 | 163,626 | \$ 58,238 | 10.40 | 160,388 | \$ 61,676 |
| 10.78 | 114,345 | 42,416 | 10.30 | 111,916 | 43,472 |
| 15.30 | 25,589 | 6,691 | 15.21 | 28,831 | 7,584 |
| 15.77 | 229,594 | 116,476 | 14.66 | 226,070 | 123,401 |
| 14.26 | 151,255 | 84,831 | 13.76 | 149,528 | 86,944 |
| 16.94 | 28,343 | 13,383 | 17.01 | 32,244 | 15,168 |
| 7.21 | 163,626 | 90,811 | 6.88 | 160,388 | 93,267 |
| 7.83 | 114,345 | 58,391 | 7.38 | 111,916 | 60,626 |
| 13.21 | 25,589 | 7,748 | 23.09 | 28,831 | 4,994 |

## Regulatory Capital Developments

In June 2004, the Basel II Accord was published with the intent of more closely aligning regulatory capital requirements with underlying risks, similar to economic capital. While economic capital is measured to cover unexpected losses, the Corporation also manages regulatory capital to adhere to regulatory standards of capital adequacy.

The Basel II Final Rule (Basel II Rules), which was published on December 7, 2007, established requirements for the U.S. implementation and provided detailed requirements for a new regulatory capital framework related to credit and operational risk (Pillar 1), supervisory requirements (Pillar 2) and disclosure requirements (Pillar 3). The Corporation began Basel II parallel implementation on April 1, 2010.

Subsequently, amended rules issued by the Basel Committee on Bank Supervision known as Basel III were published in December 2010 along with final Market Risk Rules issued by the Federal Reserve. The Basel III rules and the Financial Reform Act seek to disqualify trust preferred securities and other hybrid capital securities from Tier 1 capital treatment with the Financial Reform Act proposing it to be phased in over a period from 2013 to 2015. Basel III also proposes the deduction of certain assets from capital (deferred tax assets, MSRs, investments in financial firms and pension assets, among others, within prescribed limitations certain of which may be significant), increased capital for counterparty credit risk, and three capital buffers to strengthen capital levels which would be also phased in over time. The three capital buffers include a capital conservation buffer, a countercyclical buffer and a systematically important financial institution buffer, which would result in a minimum Total capital ratio of at least eight percent by 2013. Market Risk Rules include additional VaR based measurements, among others, that are meant to further strengthen capital levels. The Corporation continues to monitor the development and potential impact of these rules, and has determined that given current initiatives and continued focus on all of these rules by the date of full implementation in 2018, the Corporation must have a Tier 1 common capital ratio of seven percent which it anticipates it will meet. The Corporation does not expect the need to issue any common stock to meet the new Basel proposals.

There remains significant uncertainty on the final impacts as the U.S. has issued final rules only for Basel II and a Notice of Proposed Rulemaking for the Market Risk Rules at this time. Impacts may change as the U.S. finalizes rules for Basel III and the regulatory agencies interpret the final rules during the implementation process.

## NOTE 19 Employee Benefit Plans

## Pension and Postretirement Plans

The Corporation sponsors noncontributory trusteed pension plans that cover substantially all officers and employees, a number of noncontributory nonqualified pension plans, and postretirement health and life plans. The plans provide defined benefits based on an employee's compensation and years of service. The Bank of America Pension Plan (the Pension Plan) provides participants with compensation credits, generally based on years of service. For account balances based on compensation credits prior to January 1, 2008, the Pension Plan allows participants to select from various earnings measures, which are based on the returns of certain funds or common stock of the Corporation. The participant-selected earnings measures determine the earnings rate on the individual participant account balances in the Pension Plan. Participants may elect to modify earnings measure allocations on a periodic basis subject to the provisions of the Pension Plan. For account balances based on compensation credits subsequent to December 31, 2007, the account balance earnings rate is based on a benchmark rate. For eligible employees in the Pension Plan on or after January 1, 2008, the benefits become vested upon completion of three years of service. It is the
policy of the Corporation to fund not less than the minimum funding amount required by ERISA.

The Pension Plan has a balance guarantee feature for account balances with participant-selected earnings, applied at the time a benefit payment is made from the plan that effectively provides principal protection for participant balances transferred and certain compensation credits. The Corporation is responsible for funding any shortfall on the guarantee feature.

In May 2008, the Corporation and the IRS entered into a closing agreement resolving all matters relating to an audit by the IRS of the Pension Plan and the Bank of America 401(k) Plan. The audit included a review of voluntary transfers by participants of 401(k) Plan accounts to the Pension Plan. In connection with the agreement, during 2009 the Pension Plan transferred approximately $\$ 1.2$ billion of assets and liabilities associated with the transferred accounts to a newly established defined contribution plan.

As a result of acquisitions, the Corporation assumed the obligations related to the pension plans of FleetBoston, MBNA, U.S. Trust Corporation, LaSalle and Countrywide. These five acquired pension plans have been merged into a separate defined benefit pension plan, which, together with the Pension Plan, are referred to as the Qualified Pension Plans. The benefit structures under these acquired plans have not changed and remain intact in the merged plan. Certain benefit structures are substantially similar to the Pension Plan discussed above; however, certain of these structures do not allow participants to select various earnings measures; rather the earnings rate is based on a benchmark rate. In addition, these benefit structures include participants with benefits determined under formulas based on average or career compensation and years of service rather than by reference to a pension account. Certain of the other benefit structures provide participant's retirement benefits based on the number of years of benefit service and a percentage of the participant's average annual compensation during the five highest paid consecutive years of the last ten years of employment.

As a result of the Merrill Lynch acquisition, the Corporation assumed the obligations related to the plans of Merrill Lynch. These plans include a terminated U.S. pension plan, non-U.S. pension plans, nonqualified pension plans and postretirement plans. The non-U.S. pension plans vary based on the country and local practices. The terminated U.S. pension plan is referred to as the Other Pension Plan.

In 1988, Merrill Lynch purchased a group annuity contract that guarantees the payment of benefits vested under the terminated U.S. pension plan. The Corporation, under a supplemental agreement, may be responsible for, or benefit from actual experience and investment performance of the annuity assets. The Corporation made no contribution in 2010 and contributed $\$ 120$ million during 2009 under this agreement. Additional contributions may be required in the future under this agreement.

The Corporation sponsors a number of noncontributory, nonqualified pension plans (the Nonqualified Pension Plans). As a result of acquisitions, the Corporation assumed the obligations related to the noncontributory, nonqualified pension plans of certain legacy companies including Merrill Lynch. These plans, which are unfunded, provide defined pension benefits to certain employees.

In addition to retirement pension benefits, full-time, salaried employees and certain part-time employees may become eligible to continue participation as retirees in health care and/or life insurance plans sponsored by the Corporation. Based on the other provisions of the individual plans, certain retirees may also have the cost of these benefits partially paid by the Corporation. The obligations assumed as a result of acquisitions are substantially similar to the Corporation's postretirement health and life plans, except for Countrywide which did not have a postretirement health and life plan. Collectively, these plans are referred to as the Postretirement Health and Life Plans.

The table below summarizes the changes in the fair value of plan assets, changes in the projected benefit obligation (PBO), the funded status of both the accumulated benefit obligation (ABO) and the PBO, and the weightedaverage assumptions used to determine benefit obligations for the pension plans and postretirement plans at December 31, 2010 and 2009. Amounts recognized at December 31, 2010 and 2009 are reflected in other assets, and accrued expenses and other liabilities on the Consolidated Balance Sheet. The discount rate assumption is based on a cash flow matching
technique and is subject to change each year. This technique utilizes yield curves that are based on Aa-rated corporate bonds with cash flows that match estimated benefit payments of each of the plans to produce the discount rate assumptions. The asset valuation method for the Qualified Pension Plans recognizes 60 percent of the prior year's market gains or losses at the next measurement date with the remaining 40 percent spread equally over the subsequent four years.

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

${ }^{(1)}$ The measurement date for the Qualified Pension Plans, Non-U.S. Pension Plans, Nonqualified and Other Pension Plans, and Postretirement Health and Life Plans was December 31 of each year reported.
 $\$ 103$ million and $\$ 121$ million, respectively.
$\mathrm{n} / \mathrm{a}=$ not applicable
Amounts recognized in the Corporation's Consolidated Balance Sheet at December 31, 2010 and 2009 are presented in the table below.

| (Dollars in millions) | Qualified Pension Plans |  | Non-U.S. <br> Pension Plans |  | Nonqualified and Other Pension Plans |  | Postretirement Health and Life |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| Other assets | \$ 1,710 | \$ 1,479 | \$ 32 |  | \$ 809 | \$ 830 | \$ - |  |
| Accrued expenses and other liabilities | - | - | (184) | (207) | $(1,198)$ | $(1,213)$ | $(1,596)$ | $(1,507)$ |
| Net amount recognized at December 31 | \$ 1,710 | \$ 1,479 | \$ (152) | \$(206) | \$ (389) | \$ (383) | \$(1,596) | \$(1,507) |

Pension Plans with ABO and PBO in excess of plan assets as of December 31, 2010 and 2009 are presented in the table below. These plans primarily represent non-qualified plans not subject to ERISA or non-U.S. pension plans where funding strategies vary due to legal requirements and local practices.

| (Dollars in millions) | Non-U.S. Pension Plans |  | Nonqualified and Other Pension Plans |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 | 2009 | 2010 | 2009 |
| Plans with ABO in excess of plan assets ${ }^{(1)}$ |  |  |  |  |
| PBO | \$249 | \$ 221 | \$1,200 | \$1,216 |
| ABO | 242 | 214 | 1,199 | 1,214 |
| Fair value of plan assets | 106 | 72 | 2 | 2 |
| Plans with PBO in excess of plan assets ${ }^{(1)}$ |  |  |  |  |
| PBO | \$414 | \$1,473 | \$1,200 | \$1,216 |
| Fair value of plan assets | 230 | 1,266 | 2 | 2 |

${ }^{(1)}$ There were no Qualified Pension Plans with ABO or PBO in excess of plan assets at December 31, 2010 and 2009.
Net periodic benefit cost (income) for 2010, 2009 and 2008 included the following components.

| (Dollars in millions) | Qualified Pension Plans |  |  |  |  |  | Non-U.S. Pension Plans |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2010 |  | 2009 |  | 2008 |  | 2010 |  | 2009 | 2008 |
| Components of net periodic benefit cost (income) |  |  |  |  |  |  |  |  |  |  |  |
| Service cost | \$ | 397 | \$ | 387 | \$ | 343 | \$ | 30 |  | 30 | \$ - |
| Interest cost |  | 748 |  | 740 |  | 837 |  | 79 |  | 76 | - |
| Expected return on plan assets |  | 1,263) |  | $(1,231)$ |  | $(1,444)$ |  | (88) |  | (74) | - |
| Amortization of prior service cost (credits) |  | 28 |  | 39 |  | 33 |  | - |  | - | - |
| Amortization of net actuarial loss |  | 362 |  | 377 |  | 83 |  | - |  | - | - |
| Recognized loss (gain) due to settlements and curtailments |  | - |  | - |  | - |  | - |  | (2) | - |
| Recognized termination benefit costs |  | - |  | 36 |  | - |  | - |  | - | - |
| Net periodic benefit cost (income) | \$ | 272 | \$ | 348 | \$ | (148) |  | 21 |  | 30 | \$ - |
| Weighted-average assumptions used to determine net cost for years ended December 31 |  |  |  |  |  |  |  |  |  |  |  |
| Discount rate |  | 5.75\% |  | 6.00\% |  | 6.00\% |  | 5.40\% |  | 5.55\% | n/a |
| Expected return on plan assets |  | 8.00 |  | 8.00 |  | 8.00 |  | 6.82 |  | 6.78 | n/a |
| Rate of compensation increase |  | 4.00 |  | 4.00 |  | 4.00 |  | 4.69 |  | 4.61 | n/a |


| (Dollars in millions) | Nonqualified and Other Pension Plans |  |  |  |  |  | Postretirement Health and Life Plans |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2010 |  | 2009 |  | 2008 | 2010 |  | 2009 | 2008 |
| Components of net periodic benefit cost (income) |  |  |  |  |  |  |  |  |  |  |
| Service cost | \$ | 3 | \$ | 4 | \$ | 7 | \$ 14 |  | 16 | \$ 16 |
| Interest cost |  | 163 |  | 167 |  | 77 | 92 |  | 93 | 87 |
| Expected return on plan assets |  | (138) |  | (148) |  | - | (9) |  | (8) | (13) |
| Amortization of transition obligation |  | - |  | - |  | - | 31 |  | 31 | 31 |
| Amortization of prior service cost (credits) |  | (8) |  | (8) |  | (8) | 6 |  | - | - |
| Amortization of net actuarial loss (gain) |  | 10 |  | 5 |  | 14 | (49) |  | (77) | (81) |
| Recognized loss (gain) due to settlements and curtailments |  | 17 |  | 2 |  | - | - |  | - | - |
| Net periodic benefit cost (income) | \$ | 47 | \$ | 22 | \$ | 90 | \$ 85 |  | 55 | \$ 40 |
| Weighted-average assumptions used to determine net cost for years ended December 31 |  |  |  |  |  |  |  |  |  |  |
| Discount rate |  | 5.75\% |  | 6.00\% |  | 6.00\% | 5.75\% |  | 6.00\% | 6.00\% |
| Expected return on plan assets |  | 5.25 |  | 5.25 |  | n/a | 8.00 |  | 8.00 | 8.00 |
| Rate of compensation increase |  | 4.00 |  | 4.00 |  | 4.00 | n/a |  | n/a | n/a |

$\mathrm{n} / \mathrm{a}=$ not applicable

The net periodic benefit cost (income) for each of the plans in 2010 and 2009 includes Merrill Lynch. The net periodic benefit cost (income) of the Merrill Lynch Nonqualified and Other Pension Plans, and Postretirement Health and Life Plans was $\$(20)$ million and $\$ 18$ million in 2009 using a blended discount rate of 5.59 percent at January 1, 2009.

Net periodic postretirement health and life expense was determined using the "projected unit credit" actuarial method. Gains and losses for all benefits except postretirement health care are recognized in accordance with the standard amortization provisions of the applicable accounting guidance. For the Postretirement Health Care Plans, 50 percent of the unrecognized gain or
loss at the beginning of the fiscal year (or at subsequent remeasurement) is recognized on a level basis during the year.

The discount rate and expected return on plan assets impact the net periodic benefit cost (income) recorded for the plans. With all other assumptions held constant, a 25 -basis point decline in the discount rate and expected return on plan assets would result in an increase of approximately $\$ 50$ million and $\$ 41$ million, respectively, for the Qualified Pension Plans. For the Non-U.S. Pension Plans, the Nonqualified and Other Pension Plans, and Postretirement Health and Life Plans, the 25-basis point decline in rates would not have a significant impact.

Assumed health care cost trend rates affect the postretirement benefit obligation and benefit cost reported for the Postretirement Health and Life Plans. The assumed health care cost trend rate used to measure the expected cost of benefits covered by the Postretirement Health and Life Plans was 7.50 percent for 2011, reducing in steps to 5.00 percent in 2017 and later years. A one-percentage-point increase in assumed health care cost trend rates would have increased the service and interest costs and the
benefit obligation by $\$ 4$ million and $\$ 62$ million in 2010. A one-percentagepoint decrease in assumed health care cost trend rates would have lowered the service and interest costs and the benefit obligation by $\$ 4$ million and $\$ 58$ million in 2010.

Pre-tax amounts included in accumulated OCl for employee benefit plans at December 31, 2010 and 2009 are presented in the table below.

| (Dollars in millions) | Qualified Pension Plans |  | Non-U.S. Pension Plans |  | Nonqualified and Other Pension Plans |  | Postretirement Health and Life Plans |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 | 2010 | 2009 |
| Net actuarial (gain) loss | \$5,461 | \$5,937 | \$(20) | \$(30) | \$656 | \$509 | \$(27) | \$(106) | \$6,070 | \$6,310 |
| Transition obligation | - | - | - | - | - | - | 63 | 95 | 63 | 95 |
| Prior service cost (credits) | 98 | 126 | 1 | - | (15) | (22) | 58 | - | 142 | 104 |
| Amounts recognized in accumulated OCI | \$5,559 | \$6,063 | \$(19) | \$(30) | \$641 | \$487 | \$ 94 | \$ (11) | \$6,275 | \$6,509 |

Pre-tax amounts recognized in OCI for employee benefit plans in 2010 included the following components.

| (Dollars in millions) | Qualified <br> Pension Plans | Non-U.S. <br> Pension Plans | $\begin{array}{r} \text { Nonqualified } \\ \text { and Other } \\ \text { Pension Plans } \end{array}$ | Postretirement Health and Life Plans | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Other changes in plan assets and benefit obligations recognized in OCI |  |  |  |  |  |
| Current year actuarial (gain) loss | \$(114) | \$ 9 | \$173 | \$ 29 | \$ 97 |
| Amortization of actuarial gain (loss) | (362) | - | (27) | 49 | (340) |
| Current year prior service cost | - | 2 | - | 64 | 66 |
| Amortization of prior service credit (cost) | (28) | - | 8 | (6) | (26) |
| Amortization of transition obligation | - | - | - | (31) | (31) |
| Total recognized in OCI | \$(504) | \$11 | \$154 | \$105 | \$(234) |

The estimated pre-tax amounts that will be amortized from accumulated OCI into period cost in 2011 are presented in the table below.

| (Dollars in millions) | Qualified Pension Plans | Non-U.S. <br> Pension Plans | Nonqualified and Other Pension Plans | Postretirement Health and Life Plans | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net actuarial loss | \$395 | \$- | \$15 | \$ - | \$ 410 |
| Prior service cost (credit) | 22 | - | (8) | 6 | 20 |
| Transition obligation | - | - | - | 31 | 31 |
| Total amortized from accumulated OCI | \$417 | \$- | \$ 7 | \$ 37 | \$ 461 |

## Plan Assets

The Qualified Pension Plans have been established as retirement vehicles for participants, and trusts have been established to secure benefits promised under the Qualified Pension Plans. The Corporation's policy is to invest the trust assets in a prudent manner for the exclusive purpose of providing benefits to participants and defraying reasonable expenses of administration. The Corporation's investment strategy is designed to provide a total return that, over the long term, increases the ratio of assets to liabilities. The strategy attempts to maximize the investment return on assets at a level of risk deemed appropriate by the Corporation while complying with ERISA and any applicable regulations and laws. The investment strategy utilizes asset allocation as a principal determinant for establishing the risk/return profile of the assets. Asset allocation ranges are established, periodically reviewed and adjusted as funding levels and liability characteristics change. Active and passive investment managers are employed to help enhance the risk/return profile of the assets. An additional aspect of the investment strategy used to minimize risk (part of the asset allocation plan) includes matching the equity exposure of participant-selected earnings measures. For example, the common stock of the Corporation held in the trust is maintained as an offset to the exposure related to participants who elected to receive an earnings measure
based on the return performance of common stock of the Corporation. No plan assets are expected to be returned to the Corporation during 2011.

The assets of the Non-U.S. Pension Plans are primarily attributable to the U.K. pension plan. The U.K. pension plan's assets are invested prudently so that the benefits promised to members are provided with consideration given to the nature and the duration of the plan's liabilities. The current planned investment strategy was set following an asset-liability study and advice from the trustee's investment advisors. The selected asset allocation strategy is designed to achieve a higher return than the lowest risk strategy while maintaining a prudent approach to meeting the plan's liabilities.

The Expected Return on Asset assumption (EROA assumption) was developed through analysis of historical market returns, historical asset class volatility and correlations, current market conditions, anticipated future asset allocations, the funds' past experience, and expectations on potential future market returns. The EROA assumption is determined using the calculated market-related value for the Qualified Pension Plans and the Other Pension Plan and the fair value for the Non-U.S. Pension Plans and Postretirement Health and Life Plans. The EROA assumption represents a long-term average view of the performance of the assets in the Qualified Pension Plans, the Non-U.S. Pension Plans, the Other Pension Plan, and Postretirement Health and Life Plans, a return that may or may not be achieved during any one
calendar year. Some of the building blocks used to arrive at the long-term return assumption include an implied return from equity securities of 8.75 percent, debt securities of 5.75 percent and real estate of 7.00 percent for the Qualified Pension Plans, the Non-U.S. Pension Plans, the Other Pension Plan, and Postretirement Health and Life Plans. The terminated U.S. pension plan is solely invested in a group annuity contract which primarily invested in fixed-
income securities structured such that asset maturities match the duration of the plan's obligations.

The target allocations for 2011 by asset category for the Qualified Pension Plans, Non-U.S. Pension Plans, Nonqualified and Other Pension Plans, and Postretirement Health and Life Plans are presented in the following table.

|  | 2011 Target Allocation |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Qualified Pension Plans | Non-U.S. <br> Pension Plans | Nonqualified and Other Pension Plans | Postretirement Health and Life Plans |
| Equity securities | 60-80\% | 25-75\% | 0-5\% | 50-75\% |
| Debt securities | 20-40 | 10-60 | 95-100 | 25-45 |
| Real estate | 0-5 | 0-15 | 0-5 | 0-5 |
| Other | 0-10 | 5-40 | 0-5 | 0-5 |

Equity securities for the Qualified Pension Plans include common stock of the Corporation in the amounts of $\$ 189$ million (1.21 percent of total plan assets) and $\$ 224$ million (1.54 percent of total plan assets) at December 31, 2010 and 2009.

## Fair Value Measurements

For information on fair value measurements, including descriptions of Level 1, 2 and 3 of the fair value hierarchy and the valuation methods employed by the Corporation, see Note 1 - Summary of Significant Accounting Principles and Note 22 - Fair Value Measurements.

Plan investment assets measured at fair value by level and in total at December 31, 2010 and 2009 are summarized in the table below.

|  |  |  |
| :--- | ---: | ---: | ---: |
|  |  |  |
|  |  |  |


|  | December 31, 2009 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Cash and short-term investments |  |  |  |  |
| Money market and interest-bearing cash | \$ 1,311 | \$ | \$ - | \$ 1,311 |
| Cash and cash equivalent commingled/mutual funds | - | 18 | - | 18 |
| Fixed income |  |  |  |  |
| U.S. government and government agency securities | 1,460 | 1,422 | - | 2,882 |
| Corporate debt securities | 22 | 1,279 | - | 1,301 |
| Asset-backed securities | - | 1,116 | - | 1,116 |
| Non-U.S. debt securities | 278 | 601 | 6 | 885 |
| Fixed income commingled/mutual funds | 57 | 1,202 | - | 1,259 |
| Equity |  |  |  |  |
| Common and preferred equity securities | 6,077 | - | - | 6,077 |
| Equity commingled/mutual funds | 697 | 2,026 | - | 2,723 |
| Public real estate investment trusts | - | 116 | - | 116 |
| Real estate |  |  |  |  |
| Private real estate | - | - | 119 | 119 |
| Real estate commingled/mutual funds | 23 | - | 195 | 218 |
| Limited partnerships | - | 91 | 162 | 253 |
| Other investments ${ }^{(1)}$ | 1 | 20 | 188 | 209 |
| Total plan investment assets, at fair value | \$ 9,926 | \$7,891 | \$670 | \$18,487 |

${ }^{(1)}$ Other investments represent interest rate swaps of $\$ 198$ million and $\$ 110$ million, participant loans of $\$ 79$ million and $\$ 74$ million, commodity and balanced funds of $\$ 44$ million and $\$ 14$ million and other various investments of $\$ 39$ million and $\$ 11$ million at December 31, 2010 and 2009.

The table below presents a reconciliation of all plan investment assets measured at fair value using significant unobservable inputs (Level 3) during 2010 and 2009.

Level 3 - Fair Value Measurements

|  |  |  |  |
| :--- | :--- | :--- | :--- |

${ }^{(1)}$ During 2009, the Corporation did not sell any Level 3 plan assets during the period.

## Projected Benefit Payments

Benefit payments projected to be made from the Qualified Pension Plans, Non-U.S. Pension Plans, Nonqualified and Other Pension Plans, and Postretirement Health and Life Plans are presented in the following table.

| (Dollars in millions) | Qualified Pension Plans ${ }^{(1)}$ | Non-U.S. <br> Pension Plans ${ }^{(2)}$ | $\begin{array}{r} \text { Nonqualified } \\ \text { and Other } \\ \text { Pension Plans }{ }^{(2)} \end{array}$ | Postretirement Health and Life Plans |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Net Payments ${ }^{(3)}$ | Medicare <br> Subsidy |
| 2011 | \$1,016 | \$ 60 | \$ 231 | \$167 | \$19 |
| 2012 | 1,031 | 62 | 250 | 168 | 19 |
| 2013 | 1,038 | 63 | 242 | 168 | 19 |
| 2014 | 1,037 | 65 | 232 | 168 | 19 |
| 2015 | 1,041 | 66 | 235 | 166 | 18 |
| 2016-2020 | 5,231 | 350 | 1,147 | 757 | 87 |

${ }^{(1)}$ Benefit payments expected to be made from the plans' assets.
${ }^{(2)}$ Benefit payments expected to be made from a combination of the plans' and the Corporation's assets.
${ }^{(3)}$ Benefit payments (net of retiree contributions) expected to be made from a combination of the plans' and the Corporation's assets.

## Defined Contribution Plans

The Corporation maintains qualified defined contribution retirement plans and nonqualified defined contribution retirement plans. As a result of the Merrill Lynch acquisition, the Corporation also maintains the defined contribution plans of Merrill Lynch which include the 401(k) Savings \& Investment Plan, the Retirement and Accumulation Plan (RAP) and the Employee Stock Ownership Plan (ESOP). The Corporation contributed approximately $\$ 670$ million, $\$ 605$ million and $\$ 454$ million in 2010, 2009 and 2008, respectively, in
cash, to the qualified defined contribution plans. At December 31, 2010 and 2009, 208 million shares and 203 million shares of the Corporation's common stock were held by plans. Payments to the plans for dividends on common stock were $\$ 8$ million, $\$ 8$ million and $\$ 214$ million in 2010, 2009 and 2008, respectively.

In addition, certain non-U.S. employees within the Corporation are covered under defined contribution pension plans that are separately administered in accordance with local laws.

## NOTE 20 Stock-based Compensation Plans

The Corporation administers a number of equity compensation plans, including the Key Employee Stock Plan, the Key Associate Stock Plan and the Merrill Lynch Employee Stock Compensation Plan. Descriptions of the material features of the equity compensation plans are below. Under these plans, the Corporation grants long-term stock-based awards, including stock options, restricted stock shares and RSUs. For 2010, restricted stock awards generally vest in three equal annual installments beginning one year from the grant date, with the exception of certain awards to financial advisors that vest eight years from the grant date, and an award of restricted stock shares that was vested on the grant date but released from restrictions over 18 months.

For most awards, expense is generally recognized ratably over the vesting period net of estimated forfeitures, unless the associate meets certain retirement eligibility criteria. For associate awards that meet retirement eligibility criteria, the Corporation records the expense upon grant. For associates that become retirement eligible during the vesting period, the Corporation recognizes expense from the grant date to the date on which the associate becomes retirement eligible, net of estimated forfeitures. The compensation cost for the following stock-based plans was $\$ 2.0$ billion, $\$ 2.4$ billion and $\$ 885$ million in 2010, 2009 and 2008, respectively. The related income tax benefit was $\$ 727$ million, $\$ 892$ million and $\$ 328$ million for 2010, 2009 and 2008, respectively.

## Key Employee Stock Plan

The Key Employee Stock Plan, as amended and restated, provided for different types of awards including stock options, restricted stock shares and RSUs. Under the plan, 10-year options to purchase approximately 260 million shares of common stock were granted through December 31, 2002 to certain employees at the closing market price on the respective grant dates. At December 31, 2010, approximately 36 million fully vested options were outstanding under this plan. No further awards may be granted.

## Key Associate Stock Plan

The Key Associate Stock Plan became effective January 1, 2003. It provides for different types of long-term awards, including stock options, restricted stock shares and RSUs. As of December 31, 2010, the shareholders had authorized approximately 1.1 billion shares for grant under this plan. Additionally, any shares covered by awards under the Key Employee Stock Plan or certain legacy company plans that cancel, terminate, expire, lapse or settle in cash after a specified date may be re-granted under the Key Associate Stock Plan.

In February 2010, the Corporation issued approximately 191 million RSUs to certain employees under the Key Associate Stock Plan. These awards generally vest in three equal annual installments beginning one year from the grant date. Vested RSUs will be settled in cash unless the Corporation authorizes settlement in common shares. Certain awards contain clawback provisions which permit the Corporation to cancel all or a portion of the award under specified circumstances. The compensation cost for cash-settled awards and awards subject to certain clawback provisions is accrued over the vesting period and adjusted to fair value based upon changes in the share price of the Corporation's common stock. The compensation cost for the remaining awards is fixed and based on the share price of the common stock on the date of grant, or the date upon which settlement in common stock has been authorized. The Corporation hedges a portion of its exposure to variability in the expected cash flows for unvested awards using a combination of economic and cash flow hedges as described in Note 4 - Derivatives. During 2010, the Corporation authorized approximately 100 million RSUs to be settled in common shares and terminated a portion of the corresponding economic and cash flow hedges. As a result of the decision to share-settle these RSUs, these share-settled RSUs are no longer adjusted to fair value based upon changes in the share price of the Corporation's common stock.

At December 31, 2010, approximately 140 million options were outstanding under this plan. There were no options granted under this plan during 2010 or 2009.

## Merrill Lynch Employee Stock Compensation Plan

The Corporation assumed the Merrill Lynch Employee Stock Compensation Plan. Shares can be granted under this plan in the future. Approximately 34 million shares of RSUs were granted in 2009 which generally vest in three equal annual installments beginning one year from the grant date. Awards granted prior to 2009 generally vest in four equal annual installments beginning one year from the grant date. There were no shares granted under this plan during 2010. At December 31, 2010, there were approximately 28 million shares outstanding.

## Other Stock Plans

As a result of the Merrill Lynch acquisition, the Corporation assumed the obligations of outstanding awards granted under the Merrill Lynch Financial Advisor Capital Accumulation Award Plans (FACAAP) and the Merrill Lynch Employee Stock Purchase Plan (ESPP). The FACAAP is no longer an active plan and no awards were granted in 2010 or 2009. Awards granted in 2003 and thereafter are generally payable eight years from the grant date in a fixed number of the Corporation's common stock. For outstanding awards granted prior to 2003, payment is generally made ten years from the grant date in a fixed number of the Corporation's common shares unless the fair value of such shares is less than a specified minimum value, in which case the minimum value is paid in cash. At December 31, 2010, there were 18 million shares outstanding under this plan.

The ESPP allows eligible associates to invest from one percent to 10 percent of eligible compensation to purchase the Corporation's common stock, subject to legal limits. Purchases were made at a discount of up to five percent of the average high and low market price on the relevant purchase date and the maximum annual contribution per employee was $\$ 23,750$ in 2010. Up to 107 million shares have been authorized for issuance under the ESPP in 2010. There were 12 million shares available at January 1, 2010 and 3 million shares purchased during the year. There were 9 million shares available at December 31, 2010.

The weighted-average fair value of the ESPP stock purchase rights (i.e., the five percent discount on the Corporation's common stock purchases) exercised by employees in 2010 is $\$ 0.80$ per stock purchase right.

## Restricted Stock/Unit Details

The following table presents the status of the share-settled restricted stock/ unit awards at December 31, 2010 and changes during 2010.

|  |  | Weighted- <br> average |
| :--- | ---: | ---: |
| Eutstanding at January 1, 2010 | Shares | Exercise Price |
| Granted | $175,028,022$ | $\$ 14.30$ |
| Vested | $216,874,053$ | 14.40 |
| Cancelled | $(164,904,893)$ | 15.66 |
| $\quad$ Outstanding at December 31, 2010 | $\mathbf{1 4 , 9 2 4 , 5 1 3 )}$ | 13.81 |

At December 31, 2010, there was $\$ 944$ million of total unrecognized compensation cost related to share-based compensation arrangements for all awards and it is expected to be recognized over a period up to seven years, with a weighted-average period of 1.07 years. The total fair value of restricted stock vested in 2010 was $\$ 2.4$ billion. In 2010, the amount of cash used to settle equity instruments was $\$ 186$ million.

## Stock Options Details

The following table presents the status of all option plans at December 31, 2010 and changes during 2010. Outstanding options at December 31, 2010 include 36 million options under the Key Employee Stock Plan, 140 million options under the Key Associate Stock Plan and 85 million options to employees of predecessor companies assumed in mergers.
$\left.\begin{array}{lrr}\hline & & \begin{array}{r}\text { Weighted- } \\ \text { average } \\ \text { Exercise }\end{array} \\ \text { Price }\end{array}\right\}$
${ }^{(1)}$ Includes vested shares and nonvested shares after a forfeiture rate is applied.
At December 31, 2010, there was no aggregate intrinsic value of options outstanding, exercisable, and vested and expected to vest. The weightedaverage remaining contractual term of options outstanding was 3.0 years, options exercisable was 3.0 years, and options vested and expected to vest was 3.1 years at December 31, 2010. These remaining contractual terms are similar because options have not been granted since 2008 and they generally vest in three years.

The weighted-average grant-date fair value of options granted in 2008 was $\$ 8.92$. No options were granted in 2010 or 2009.

The table below presents the assumptions used to estimate the fair value of stock options granted on the date of grant using the lattice option-pricing model for 2008. No stock options were granted in 2010 or 2009. Lattice option-pricing models incorporate ranges of assumptions for inputs and those ranges are disclosed in the table below. The risk-free interest rate for periods within the contractual life of the stock option is based on the U.S. Treasury yield curve in effect at the time of grant. Expected volatilities are based on implied volatilities from traded stock options on the Corporation's common stock, historical volatility of the Corporation's common stock, and other factors. The Corporation uses historical data to estimate stock option exercise and employee termination within the model. The expected term of stock options granted is derived from the output of the model and represents the period of time that stock options granted are expected to be outstanding. The estimates of fair value from these models are theoretical values for stock options and changes in the assumptions used in the models could result in materially different fair value estimates. The actual value of the stock options will depend on the market value of the Corporation's common stock when the stock options are exercised.

|  | 2008 |
| :--- | ---: |
| Risk-free interest rate | $2.05-3.85 \%$ |
| Dividend yield | 5.3 |
| Expected volatility | $26.00-36.00$ |
| Weighted-average volatility | 32.8 |
| Expected lives (years) | 6.6 |

Excluded from the previous table are assumptions used to estimate the fair value of 108 million stock options assumed in connection with the Merrill Lynch acquisition with an aggregate fair value of $\$ 1.1$ billion. The fair value of these awards was estimated using a Black-Scholes option pricing model. Similar to options valued using the lattice option-pricing model described above, key assumptions used include the implied volatility based on the Corporation's common stock of 75 percent, the risk-free interest rate based on the U.S. Treasury yield curve in effect at December 31, 2008, an expected dividend yield of 4.2 percent and the expected life of the options based on their actual remaining term.

## NOTE 21 Income Taxes

The components of income tax expense (benefit) for 2010, 2009 and 2008 were as presented in the table below.

|  |  |  |  |
| :--- | ---: | ---: | ---: |
| (Dollars in millions) | 2010 | 2009 | 2008 |
| Current income tax expense (benefit) | $\$(666)$ | $\$(3,576)$ | $\$ 5,075$ |
| U.S. federal | 158 | 555 | 561 |
| U.S. state and local | 815 | 735 | 585 |
| Non-U.S. | 307 | $(2,286)$ | 6,221 |
| $\quad$ Total current expense (benefit) |  |  |  |
| Deferred income tax expense (benefit) | $\mathbf{2 8 7 )}$ | 792 | $(5,269)$ |
| U.S. federal | $\mathbf{2 0 1}$ | $(620)$ | $(520)$ |
| U.S. state and local | 694 | 198 | $(12)$ |
| Non-U.S. | 608 | 370 | $(5,801)$ |
| Total deferred expense (benefit) | $\$ 915$ | $\$(1,916)$ | $\$$ |
| Total income tax expense (benefit) |  |  | 420 |

Total income tax expense (benefit) does not reflect the deferred tax effects of unrealized gains and losses on AFS debt and marketable equity securities, foreign currency translation adjustments, derivatives and employee benefit plan adjustments that are included in accumulated OCI . As a result of these tax effects, accumulated OCI decreased $\$ 3.2$ billion and $\$ 1.6$ billion in 2010 and 2009, and increased $\$ 5.9$ billion in 2008. In addition, total income tax expense (benefit) does not reflect tax effects associated with the Corporation's employee stock plans which decreased common stock and additional paid-in capital $\$ 98$ million, $\$ 295$ million and $\$ 9$ million in 2010, 2009 and 2008, respectively.

Income tax expense (benefit) for 2010, 2009 and 2008 varied from the amount computed by applying the statutory income tax rate to income (loss) before income taxes. A reconciliation between the expected U.S. federal
income tax expense using the federal statutory tax rate of 35 percent to the Corporation's actual income tax expense (benefit) and resulting effective tax rate for 2010, 2009 and 2008 is presented in the table below.

| (Dollars in millions) | 2010 |  |  | 2009 |  | 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | mount | Percent | Amount | Percent | Amount | Percent |
| Expected U.S. federal income tax expense (benefit) | \$ | (463) | 35.0\% | \$ 1,526 | 35.0\% | \$1,550 | 35.0\% |
| Increase (decrease) in taxes resulting from: |  |  |  |  |  |  |  |
| State tax expense (benefit), net of federal effect |  | 233 | (17.6) | (42) | (1.0) | 27 | 0.6 |
| Goodwill impairment and other |  | 4,508 | (341.0) | - | - | - | - |
| U.K. corporate tax rate reduction |  | 392 | (29.7) | - | - | - | - |
| Nondeductible expenses |  | 99 | (7.5) | 69 | 1.6 | 79 | 1.8 |
| Leveraged lease tax differential |  | 98 | (7.4) | 59 | 1.4 | 216 | 4.9 |
| Change in federal deferred tax asset valuation allowance |  | $(1,657)$ | 125.4 | (650) | (14.9) | - | - |
| Tax-exempt income, including dividends |  | (981) | 74.2 | (863) | (19.8) | (631) | (14.3) |
| Low income housing credits/other credits |  | (732) | 55.4 | (668) | (15.3) | (722) | (16.3) |
| Non-U.S. tax differential |  | (190) | 14.4 | (709) | (16.3) | (192) | (4.3) |
| Changes in prior period UTBs (including interest) |  | (349) | 26.4 | 87 | 2.0 | 169 | 3.8 |
| Loss on certain non-U.S. subsidiary stock |  | - | - | (595) | (13.7) | - | - |
| Other |  | (43) | 3.2 | (130) | (3.0) | (76) | (1.7) |
| Total income tax expense (benefit) | \$ | 915 | (69.2)\% | \$(1,916) | (44.0)\% | \$ 420 | 9.5\% |

The reconciliation of the beginning unrecognized tax benefits (UTB) balance to the ending balance is presented in the table below.

## Reconciliation of the Change in Unrecognized Tax Benefits

(Dollars in millions)
Beginning balance
Increases related to positions taken during prior years
Increases related to positions taken during the current year
Positions acquired or assumed in business combinations
Decreases related to positions taken during prior years
Settlements
Expiration of statute of limitations
Ending balance
At December 31, 2010, 2009 and 2008 , the balance of the Corporation's
UTBs which would, if recognized, affect the Corporation's effective tax rate
was $\$ 3.4$ billion, $\$ 4.0$ billion and $\$ 2.6$ billion, respectively. Included in the UTB
balance are some items the recognition of which would not affect the effective
tax rate, such as the tax effect of certain temporary differences, the portion of
gross state UTBs that would be offset by the tax benefit of the associated
federal deduction and the portion of gross non-U.S. UTBs that would be offset
by tax reductions in other jurisdictions.
The Corporation is under examination by the IRS and other tax authorities
in countries and states in which it has significant business operations. The
table below summarizes the status of significant examinations for the Cor-
poration and various acquired subsidiaries as of December 31, 2010 .

|  | Years under examination ${ }^{(1)}$ | Status at December 31, 2010 |
| :---: | :---: | :---: |
| Bank of America Corporation-U.S. ${ }^{(2)}$ | 2001-2004 | In Appeals process |
| Bank of America Corporation-U.S. | 2005-2009 | Field examination |
| Bank of America Corporation - New York | 1999-2004 | Field examination |
| Merrill Lynch - U.S. | 2004 | In Appeals process |
| Merrill Lynch - U.S. | 2005-2008 | Field examination |
| Merrill Lynch - U.K. | 2008 | Field examination |
| Merrill Lynch - Japan | 2007-2009 | Field examination |
| Merrill Lynch - New York | 2007-2008 | Field examination |
| FleetBoston-U.S. | 1997-2004 | In Appeals process |
| LaSalle - U.S. | 2006-2007 | Field examination |

[^15]In addition to the above examinations, the Corporation is in the process of appealing an adverse decision by the U.S. Tax Court with respect to a 1987 Merrill Lynch transaction. The income tax associated with this matter has been remitted and is included in the UTB balance above.

The IRS proposed adjustments for two issues in the audit of Merrill Lynch for the tax year 2004 which have been protested to the Appeals Office. The issues involve eligibility for the dividends received deduction and foreign tax credits with respect to a structured investment transaction. The Corporation also intends to protest any adjustments the IRS proposes for these same issues in tax years 2005 through 2007. The IRS has proposed similar adjustments in the Bank of America Corporation audit cycles currently in the Appeals process and is expected to propose further adjustments disallowing foreign tax credits related to certain structured investment transactions. The Corporation intends to protest these adjustments in all relevant tax years.

The Corporation files income tax returns in more than 100 state and non-U.S. jurisdictions each year and is under continuous examination by various state and non-U.S. taxing authorities. While many of these examinations are resolved every year, the Corporation does not anticipate that resolutions occurring within the next twelve months will result in a material change to the Corporation's financial position.

Considering all U.S. federal and non-U.S. examinations, it is reasonably possible that the UTB balance will decrease by as much as $\$ 1.0$ billion during the next twelve months, since resolved items will be removed from the balance whether their resolution resulted in payment or recognition.

During 2010 and 2009, the Corporation recognized in income tax expense $\$ 99$ million and $\$ 184$ million of interest and penalties, net-of-tax. At both December 31, 2010 and 2009, the Corporation's accrual for interest and penalties that related to income taxes, net of taxes and remittances, was $\$ 1.1$ billion.

Significant components of the Corporation's net deferred tax assets and liabilities at December 31, 2010 and 2009 are presented in the table below.

| (Dollars in millions) | December 31 |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Deferred tax assets |  |  |
| Net operating loss carryforwards (NOL) | \$18,732 | \$17,236 |
| Allowance for credit losses | 14,659 | 13,011 |
| Credit carryforwards | 4,183 | 2,263 |
| Employee compensation and retirement benefits | 3,868 | 4,021 |
| Accrued expenses | 3,550 | 2,134 |
| State income taxes | 1,791 | 1,636 |
| Capital loss carryforwards | 1,530 | 3,187 |
| Security and loan valuations | 427 | 4,590 |
| Other | 1,960 | 2,308 |
| Gross deferred tax assets | 50,700 | 50,386 |
| Valuation allowance | $(2,976)$ | $(4,315)$ |
| Total deferred tax assets, net of valuation allowance | 47,724 | 46,071 |
| Deferred tax liabilities |  |  |
| Available-for-sale securities | 4,330 | 878 |
| Mortgage servicing rights | 4,280 | 5,663 |
| Long-term borrowings | 3,328 | 3,320 |
| Equipment lease financing | 2,957 | 2,411 |
| Intangibles | 2,146 | 2,497 |
| Fee income | 1,235 | 1,382 |
| Other | 2,375 | 2,641 |
| Gross deferred liabilities | 20,651 | 18,792 |
| Net deferred tax assets | \$27,073 | \$27,279 |

On January 1, 2010, the Corporation adopted new consolidation guidance and the transition adjustment included an increase of $\$ 3.5$ billion in retained earnings which was offset against net deferred tax assets. On July 1, 2010, the Corporation adopted new accounting guidance on embedded credit derivatives and the related fair value option election and the transition adjustment included an increase of $\$ 128$ million in retained earnings which is offset against net deferred tax assets.

The U.S. federal deferred tax asset excludes $\$ 56$ million related to certain employee stock plan deductions that will be recognized and will increase additional paid-in capital when realized.

The table below summarizes the deferred tax assets and related valuation allowances recognized for the net operating and capital loss carryforwards and tax credit carryforwards at December 31, 2010.

| (Dollars in millions) | Deferred <br> Tax Asset | Valuation Allowance | Net Deferred <br> Tax Asset | First Year Expiring |
| :---: | :---: | :---: | :---: | :---: |
| Net operating losses - U.S. | \$9,037 | \$ - | \$9,037 | After 2027 |
| Net operating losses - U.K. | 9,432 | - | 9,432 | None |
| Net operating losses - other non-U.S. | 263 | (36) | 227 | Various |
| Net operating losses - U.S. states ${ }^{(2)}$ | 2,221 | (847) | 1,374 | Various |
| Capital losses | 1,530 | $(1,530)$ | - | After 2013 |
| General business credits | 2,442 | - | 2,442 | After 2027 |
| Alternative minimum and other tax credits | 214 | - | 214 | None |
| Foreign tax credits | 1,527 | (306) | 1,221 | After 2017 |

[^16]The Corporation concluded that no valuation allowance is necessary to reduce the U.K. NOL, U.S. NOL and general business credit carryforwards since estimated future taxable income will be sufficient to utilize these assets prior to their expiration. With the acquisition of Merrill Lynch on January 1, 2009, the Corporation established a valuation allowance to reduce certain other deferred tax assets to the amount more-likely-than-not to be realized before their expiration. During 2010 and 2009, the Corporation released $\$ 1.7$ billion and $\$ 650$ million of the valuation allowance attributable to Merrill Lynch's capital loss carryforward due to utilization against net capital gains realized in 2010 and 2009. The valuation allowance also increased due primarily to increases in operating loss carryforwards generated in certain state jurisdictions for which management believes it is more-likely-than-not that realization of these assets will not occur.

At December 31, 2010 and 2009, U.S. federal income taxes had not been provided on $\$ 17.9$ billion and $\$ 16.7$ billion of undistributed earnings of non-U.S. subsidiaries earned prior to 1987 and after 1997 that have been reinvested for an indefinite period of time. If the earnings were distributed, an additional $\$ 2.6$ billion and $\$ 2.5$ billion of tax expense, net of credits for non-U.S. taxes paid on such earnings and for the related non-U.S. withholding taxes, would have resulted as of December 31, 2010 and 2009.

## NOTE 22 Fair Value Measurements

Under applicable accounting guidance, fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. The Corporation determines the fair values of its financial instruments based on the fair value hierarchy established under applicable accounting guidance which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. There are three levels of inputs that may be used to measure fair value. For more information regarding the fair value hierarchy and how the Corporation measures fair value, see Note 1-Summary of Significant Accounting Principles. The Corporation accounts for certain corporate loans and loan commitments, LHFS, structured reverse repurchase agreements, Iong-term deposits and long-term debt under the fair value option. For more informations, see Note 23 - Fair Value Option.

## Level 1, 2 and 3 Valuation Techniques

Financial instruments are considered Level 1 when the valuation is based on quoted prices in active markets for identical assets or liabilities. Level 2 financial instruments are valued using quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or models using inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities. Financial instruments are considered Level 3 when their values are determined using pricing models, discounted cash flow methodologies or similar techniques, and at least one significant model assumption or input is unobservable and when determination of the fair value requires significant management judgment or estimation.

The Corporation uses market indices for direct inputs to certain models where the cash settlement is directly linked to appreciation or depreciation of that particular index (primarily in the context of structured credit products). In those cases, no material adjustments are made to the index-based values. In other cases, the use of market indices is inherently limited because the fair value of an individual position being valued may not move in tandem with changes in fair value of a specific market index. Accordingly, market indices are used as inputs to the valuation, but are adjusted for trade specific factors such as rating, credit quality, vintage and other factors.

## Trading Account Assets and Liabilities and Available-for-Sale Debt Securities

The fair values of trading account assets and liabilities are primarily based on actively traded markets where prices are based on either direct market quotes or observed transactions. The fair values of AFS debt securities are generally based on quoted market prices or market prices for similar assets. Liquidity is a significant factor in the determination of the fair values of trading account assets and liabilities and AFS debt securities. Market price quotes may not be readily available for some positions, or positions within a market sector where trading activity has slowed significantly or ceased. Some of these instruments are valued using a discounted cash flow model, which estimates the fair value of the securities using internal credit risk, interest rate and prepayment risk models that incorporate management's best estimate of current key assumptions such as default rates, loss severity and prepayment rates. Principal and interest cash flows are discounted using an observable discount rate for similar instruments with adjustments that management believes a market participant would consider in determining fair value for the specific security. Others are valued using a net asset value approach which considers the value of the underlying securities. Underlying assets are valued using external pricing services, where available, or matrix pricing based on the vintages and ratings. Situations of illiquidity generally are triggered by the market's perception of credit uncertainty regarding a single company or a specific market sector. In these instances, fair value is determined based on limited available market information and other factors, principally from reviewing the issuer's financial statements and changes in credit ratings made by one or more ratings agencies.

## Derivative Assets and Liabilities

The fair values of derivative assets and liabilities traded in the over-the-counter (OTC) market are determined using quantitative models that utilize multiple market inputs including interest rates, prices and indices to generate continuous yield or pricing curves and volatility factors to value the position. The majority of market inputs are actively quoted and can be validated through external sources, including brokers, market transactions and third-party pricing services. Estimation risk is greater for derivative asset and liability positions that are either option-based or have longer maturity dates where observable market inputs are less readily available or are unobservable, in which case, quantitative-based extrapolations of rate, price or index scenarios are used in determining fair values. The fair values of derivative assets and liabilities include adjustments for market liquidity, counterparty credit quality and other deal specific factors, where appropriate. The Corporation incorporates within its fair value measurements of OTC derivatives the net credit differential between the counterparty credit risk and the Corporation's own credit risk. An estimate of severity of loss is also used in the determination of fair value, primarily based on market data.

## Corporate Loans and Loan Commitments

The fair values of loans and loan commitments are based on market prices, where available, or discounted cash flow analyses using market-based credit spreads of comparable debt instruments or credit derivatives of the specific borrower or comparable borrowers. Results of discounted cash flow calculations may be adjusted, as appropriate, to reflect other market conditions or the perceived credit risk of the borrower.

## Mortgage Servicing Rights

The fair values of MSRs are determined using models that rely on estimates of prepayment rates, the resultant weighted-average lives of the MSRs and
the OAS levels. For more information on MSRs, see Note 25 -Mortgage Servicing Rights.

## Loans Held-for-Sale

The fair values of LHFS are based on quoted market prices, where available, or are determined by discounting estimated cash flows using interest rates approximating the Corporation's current origination rates for similar loans adjusted to reflect the inherent credit risk.

## Other Assets

The fair values of AFS marketable equity securities are generally based on quoted market prices or market prices for similar assets. However, non-public investments are initially valued at the transaction price and subsequently adjusted when evidence is available to support such adjustments.

## Securities Financing Agreements

The fair values of certain reverse repurchase agreements, repurchase agreements and securities borrowed transactions are determined using quantitative models, including discounted cash flow models that require the use of multiple market inputs including interest rates and spreads to generate continuous yield or pricing curves, and volatility factors. The majority of market inputs are actively quoted and can be validated through external sources, including brokers, market transactions and third-party pricing services.

## Deposits, Commercial Paper and Other Short-term Borrowings

The fair values of deposits, commercial paper and other short-term borrowings are determined using quantitative models, including discounted cash flow models that require the use of multiple market inputs including interest rates and spreads to generate continuous yield or pricing curves, and volatility factors. The majority of market inputs are actively quoted and can be validated through external sources, including brokers, market transactions and thirdparty pricing services. The Corporation considers the impact of its own credit spreads in the valuation of these liabilities. The credit risk is determined by reference to observable credit spreads in the secondary cash market.

## Long-term Borrowings

The Corporation issues structured notes that have coupons or repayment terms linked to the performance of debt or equity securities, indices, currencies or commodities. The fair value of structured notes is estimated using valuation models for the combined derivative and debt portions of the notes accounted for under the fair value option. These models incorporate observable and, in some instances, unobservable inputs including security prices, interest rate yield curves, option volatility, currency, commodity or equity rates and correlations between these inputs. The impact of the Corporation's own credit spreads is also included based on the Corporation's observed secondary bond market spreads.

## Asset-backed Secured Financings

The fair values of asset-backed secured financings are based on external broker bids, where available, or are determined by discounting estimated cash flows using interest rates approximating the Corporation's current origination rates for similar loans adjusted to reflect the inherent credit risk.

Recurring Fair Value
Assets and liabilities carried at fair value on a recurring basis at December 31, 2010 and 2009, including financial instruments which the Corporation accounts for under the fair value option, are summarized in the following tables.

| (Dollars in millions) | December 31, 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value Measurements |  |  | Netting Adjustments ${ }^{(2)}$ | Assets/Liabilities at Fair Value |
|  | Level $1{ }^{(1)}$ | Level $2{ }^{(1)}$ | Level 3 |  |  |
| Assets |  |  |  |  |  |
| Federal funds sold and securities borrowed or purchased under agreements to resell | \$ - | \$ 78,599 | \$ - | \$ | \$ 78,599 |
| Trading account assets: |  |  |  |  |  |
| U.S. government and agency securities | 17,647 | 43,164 | - | - | 60,811 |
| Corporate securities, trading loans and other | 732 | 40,869 | 7,751 | - | 49,352 |
| Equity securities | 23,249 | 8,257 | 623 | - | 32,129 |
| Non-U.S. sovereign debt | 24,934 | 8,346 | 243 | - | 33,523 |
| Mortgage trading loans and asset-backed securities | - | 11,948 | 6,908 | - | 18,856 |
| Total trading account assets | 66,562 | 112,584 | 15,525 | - | 194,671 |
| Derivative assets ${ }^{(3)}$ | 2,627 | 1,516,244 | 18,773 | $(1,464,644)$ | 73,000 |
| Available-for-sale debt securities: |  |  |  |  |  |
| U.S. Treasury securities and agency securities | 46,003 | 3,102 | - | - | 49,105 |
| Mortgage-backed securities: |  |  |  |  |  |
| Agency | - | 191,213 | 4 | - | 191,217 |
| Agency-collateralized mortgage obligations | - | 37,017 | - | - | 37,017 |
| Non-agency residential | - | 21,649 | 1,468 | - | 23,117 |
| Non-agency commercial | - | 6,833 | 19 | - | 6,852 |
| Non-U.S. securities | 1,440 | 2,696 | 3 | - | 4,139 |
| Corporate/Agency bonds | - | 5,154 | 137 | - | 5,291 |
| Other taxable securities | 20 | 2,354 | 13,018 | - | 15,392 |
| Tax-exempt securities | - | 4,273 | 1,224 | - | 5,497 |
| Total available-for-sale debt securities | 47,463 | 274,291 | 15,873 | - | 337,627 |
| Loans and leases | - | - | 3,321 | - | 3,321 |
| Mortgage servicing rights | - | - | 14,900 | - | 14,900 |
| Loans held-for-sale | - | 21,802 | 4,140 | - | 25,942 |
| Other assets | 32,624 | 31,051 | 6,856 | - | 70,531 |
| Total assets | \$149,276 | \$2,034,571 | \$79,388 | \$(1,464,644) | \$798,591 |
| Liabilities |  |  |  |  |  |
| Interest-bearing deposits in U.S. offices | \$ - | \$ 2,732 | \$ | \$ | \$ 2,732 |
| Federal funds purchased and securities loaned or sold under agreements to repurchase | - | 37,424 | - | - | 37,424 |
| Trading account liabilities: |  |  |  |  |  |
| U.S. government and agency securities | 23,357 | 5,983 | - | - | 29,340 |
| Equity securities | 14,568 | 914 | - | - | 15,482 |
| Non-U.S. sovereign debt | 14,748 | 1,065 | - | - | 15,813 |
| Corporate securities and other | 224 | 11,119 | 7 | - | 11,350 |
| Total trading account liabilities | 52,897 | 19,081 | 7 | - | 71,985 |
| Derivative liabilities ${ }^{(3)}$ | 1,799 | 1,492,963 | 11,028 | $(1,449,876)$ | 55,914 |
| Commercial paper and other short-term borrowings | - | 6,472 | 706 | - | 7,178 |
| Accrued expenses and other liabilities | 31,470 | 931 | 828 | - | 33,229 |
| Long-term debt | - | 47,998 | 2,986 | - | 50,984 |
| Total liabilities | \$ 86,166 | \$1,607,601 | \$15,555 | \$(1,449,876) | \$259,446 |

[^17]| (Dollars in millions) | December 31, 2009 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value Measurements |  |  |  |  | Netting <br> Adjustments |  | Assets/Liabilities at Fair Value |
|  | Level 1 |  | Level 2 |  | Level 3 |  |  |  |
| Assets |  |  |  |  |  |  |  |  |
| Federal funds sold and securities borrowed or purchased under |  |  |  |  |  |  |  |  |
| Trading account assets: |  |  |  |  |  |  |  |  |
| U.S. government and agency securities | 17,140 |  | 27,445 |  | - |  | - | 44,585 |
| Corporate securities, trading loans and other | 4,772 |  | 41,157 |  | 11,080 |  | - | 57,009 |
| Equity securities | 25,274 |  | 7,204 |  | 1,084 |  | - | 33,562 |
| Non-U.S. sovereign debt | 19,827 |  | 7,173 |  | 1,143 |  | - | 28,143 |
| Mortgage trading loans and asset-backed securities | - |  | 11,137 |  | 7,770 |  | - | 18,907 |
| Total trading account assets | 67,013 |  | 94,116 |  | 21,077 |  | - | 182,206 |
| Derivative assets | 3,326 |  | 1,467,855 |  | 23,048 |  | 607) | 87,622 |
| Available-for-sale debt securities: |  |  |  |  |  |  |  |  |
| U.S. Treasury securities and agency securities | 19,571 |  | 3,454 |  | - |  | - | 23,025 |
| Mortgage-backed securities: |  |  |  |  |  |  |  |  |
| Agency | - |  | 166,246 |  | - |  | - | 166,246 |
| Agency-collateralized mortgage obligations | - |  | 25,781 |  | - |  | - | 25,781 |
| Non-agency residential | - |  | 27,887 |  | 7,216 |  | - | 35,103 |
| Non-agency commercial | - |  | 6,651 |  | 258 |  | - | 6,909 |
| Non-U.S. securities | 660 |  | 2,769 |  | 468 |  | - | 3,897 |
| Corporate/Agency bonds | - |  | 5,265 |  | 927 |  | - | 6,192 |
| Other taxable securities | 676 |  | 14,721 |  | 9,854 |  | - | 25,251 |
| Tax-exempt securities | - |  | 7,574 |  | 1,623 |  | - | 9,197 |
| Total available-for-sale debt securities | 20,907 |  | 260,348 |  | 20,346 |  | - | 301,601 |
| Loans and leases | - |  | - |  | 4,936 |  | - | 4,936 |
| Mortgage servicing rights | - |  | - |  | 19,465 |  | - | 19,465 |
| Loans held-for-sale | - |  | 25,853 |  | 6,942 |  | - | 32,795 |
| Other assets | 35,411 |  | 12,677 |  | 7,821 |  | - | 55,909 |
| Total assets | \$126,657 |  | \$1,918,624 |  | 03,635 |  |  | \$742,309 |
| Liabilities |  |  |  |  |  |  |  |  |
| Interest-bearing deposits in U.S. offices | \$ |  | \$ 1,663 | \$ | - | \$ | - | \$ 1,663 |
| Federal funds purchased and securities loaned or sold under agreements to repurchase | - |  | 37,325 |  | - |  | - | 37,325 |
| Trading account liabilities: |  |  |  |  |  |  |  |  |
| U.S. government and agency securities | 22,339 |  | 4,180 |  | - |  | - | 26,519 |
| Equity securities | 17,300 |  | 1,107 |  | - |  | - | 18,407 |
| Non-U.S. sovereign debt | 12,028 |  | 483 |  | 386 |  | - | 12,897 |
| Corporate securities and other | 282 |  | 7,317 |  | 10 |  | - | 7,609 |
| Total trading account liabilities | 51,949 |  | 13,087 |  | 396 |  | - | 65,432 |
| Derivative liabilities | 2,925 |  | 1,443,494 |  | 15,185 |  | 43) | 50,661 |
| Commercial paper and other short-term borrowings | - |  | 813 |  | 707 |  | - | 1,520 |
| Accrued expenses and other liabilities | 16,797 |  | 620 |  | 891 |  | - | 18,308 |
| Long-term debt | - |  | 40,791 |  | 4,660 |  | - | 45,451 |
| Total liabilities | \$ 71,671 |  | \$1,537,793 | \$ | 21,839 |  | 43) | \$220,360 |

[^18]The following tables present a reconciliation of all assets and liabilities measured at fair value on a recurring basis using significant unobservable inputs (Level 3) during 2010, 2009 and 2008, including net realized and unrealized gains (losses) included in earnings and accumulated OCl.

Level 3 - Fair Value Measurements

|  | 2010 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | $\begin{array}{r} \text { Balance } \\ \text { January } 1 \\ 2010^{(1)} \end{array}$ | Consolidation of VIEs | Gains <br> (Losses) Included in Earnings | Gains (Losses) Included in OCI | Purchases, Issuances and Settlements | Gross <br> Transfers <br> Level $3^{\text {into }}$ | Gross <br> Transfers out of Level $3^{(1)}$ | $\begin{array}{r} \text { Balance } \\ \text { December } 31 \\ 2010^{(1)} \end{array}$ |
| Trading account assets: |  |  |  |  |  |  |  |  |
| Corporate securities, trading loans and other | \$11,080 | \$ 117 | \$ 848 | \$ | \$ $(4,852)$ | \$ 2,599 | \$(2,041) | \$ 7,751 |
| Equity securities | 1,084 | - | (81) | - | (342) | 131 | (169) | 623 |
| Non-U.S. sovereign debt | 1,143 | - | (138) | - | (157) | 115 | (720) | 243 |
| Mortgage trading loans and asset-backed securities | 7,770 | 175 | 653 | - | $(1,659)$ | 396 | (427) | 6,908 |
| Total trading account assets | 21,077 | 292 | 1,282 | - | $(7,010)$ | 3,241 | $(3,357)$ | 15,525 |
| Net derivative assets ${ }^{(2)}$ | 7,863 | - | 8,118 | - | $(8,778)$ | 1,067 | (525) | 7,745 |
| Available-for-sale debt securities: |  |  |  |  |  |  |  |  |
| Agency | - | - | - | - | 4 | - | - | 4 |
| Non-agency MBS: |  |  |  |  |  |  |  |  |
| Residential | 7,216 | 113 | (646) | (169) | $(6,767)$ | 1,909 | (188) | 1,468 |
| Commercial | 258 | - | (13) | (31) | (178) | 71 | (88) | 19 |
| Non-U.S. securities | 468 | - | (125) | (75) | (321) | 56 | - | 3 |
| Corporate/Agency bonds | 927 | - | (3) | 47 | (847) | 32 | (19) | 137 |
| Other taxable securities | 9,854 | 5,603 | (296) | 44 | $(3,263)$ | 1,119 | (43) | 13,018 |
| Tax-exempt securities | 1,623 | - | (25) | (9) | (574) | 316 | (107) | 1,224 |
| Total available-for-sale debt securities | 20,346 | 5,716 | $(1,108)$ | (193) | $(11,946)$ | 3,503 | (445) | 15,873 |
| Loans and leases ${ }^{(3)}$ | 4,936 | - | (89) | - | $(1,526)$ | - | - | 3,321 |
| Mortgage servicing rights | 19,465 | - | $(4,321)$ | - | (244) | - | - | 14,900 |
| Loans held-for-sale ${ }^{(3)}$ | 6,942 | - | 482 | - | $(3,714)$ | 624 | (194) | 4,140 |
| Other assets ${ }^{(4)}$ | 7,821 | - | 1,946 | - | $(2,612)$ | - | (299) | 6,856 |
| Trading account liabilities: |  |  |  |  |  |  |  |  |
| Non-U.S. sovereign debt | (386) | - | 23 | - | (17) | - | 380 | - |
| Corporate securities and other | (10) | - | (5) | - | 11 | (52) | 49 | (7) |
| Total trading account liabilities | (396) | - | 18 | - | (6) | (52) | 429 | (7) |
| Commercial paper and other short-term borrowings ${ }^{(3)}$ | (707) | - | (95) | - | 96 | - | - | (706) |
| Accrued expenses and other liabilities ${ }^{(3)}$ | (891) | - | 146 | - | (83) | - | - | (828) |
| Long-term debt ${ }^{(3)}$ | $(4,660)$ | - | 697 | - | 1,074 | $(1,881)$ | 1,784 | $(2,986)$ |

${ }^{(1)}$ Assets (liabilities). For assets, increase / (decrease) to Level 3 and for liabilities, (increase) / decrease to Level 3.
${ }^{(2)}$ Net derivatives at December 31, 2010 include derivative assets of $\$ 18.8$ billion and derivative liabilities of $\$ 11.0$ billion.
${ }^{(3)}$ Amounts represent items which are accounted for under the fair value option.
${ }^{(4)}$ Other assets is primarily comprised of AFS marketable equity securities.

During 2010, the more significant transfers into Level 3 included $\$ 3.2$ billion of trading account assets, $\$ 3.5$ billion of AFS debt securities, $\$ 1.1$ billion of net derivative contracts and $\$ 1.9$ billion of long-term debt. Transfers into Level 3 for trading account assets were driven by reduced price transparency as a result of lower levels of trading activity for certain municipal auction rate securities and corporate debt securities as well as a change in valuation methodology for certain ABS to a discounted cash flow model. Transfers into Level 3 for AFS debt securities were due to an increase in the number of nonagency RMBS and other taxable securities priced using a discounted cash flow model. Transfers into Level 3 for net derivative contracts were primarily related to a lack of price observability for certain credit default and total return
swaps. Transfers in and transfers out of Level 3 for long-term debt are primarily due to changes in the impact of unobservable inputs on the value of certain equity-linked structured notes.

During 2010, the more significant transfers out of Level 3 were $\$ 3.4$ billion of trading account assets and $\$ 1.8$ billion of long-term debt. Transfers out of Level 3 for trading account assets were driven by increased price verification of certain mortgage-backed securities, corporate debt and non-U.S. government and agency securities. Transfers out of Level 3 for long-term debt were the result of a decrease in the significance of unobservable pricing inputs for certain equity-linked structured notes.

Level 3 - Fair Value Measurements

|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

${ }^{1)}$ Assets (liabilities). For assets, increase / (decrease) to Level 3 and for liabilities, (increase) / decrease to Level 3.
(2) Net derivatives at December 31, 2009 include derivative assets of $\$ 23.0$ billion and derivative liabilities of $\$ 15.2$ billion.
${ }^{\text {(3) }}$ Amounts represent items which are accounted for under the fair value option.
${ }^{4)}$ Other assets is primarily comprised of AFS marketable equity securities.

Level 3 - Fair Value Measurements

| (Dollars in millions) | 2008 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Balance January 1 $2008{ }^{(1)}$ | Countrywide Acquisition | Gains <br> (Losses) Included in Earnings | Gains (Losses) Included in OCl | Purchases, Issuances and Settlements | $\begin{array}{r} \text { Transfers } \\ \text { into/(out of) } \\ \text { Level } 3^{(1)} \end{array}$ | $\begin{array}{r} \text { Balance } \\ \text { December } 31 \\ 2008^{(1)} \end{array}$ |
| Trading account assets | \$ 4,027 | \$ - | \$(3,222) | \$ | \$(1,233) | \$ 7,161 | \$ 6,733 |
| Net derivative assets ${ }^{(2)}$ | $(1,203)$ | (185) | 2,531 | - | 1,380 | (253) | 2,270 |
| Available-for-sale debt securities | 5,507 | 528 | $(2,509)$ | $(1,688)$ | 2,754 | 14,110 | 18,702 |
| Loans and leases ${ }^{(3)}$ | 4,590 | - | (780) | - | 1,603 | - | 5,413 |
| Mortgage servicing rights | 3,053 | 17,188 | $(7,115)$ | - | (393) | - | 12,733 |
| Loans held-for-sale ${ }^{(3)}$ | 1,334 | 1,425 | $(1,047)$ | - | (542) | 2,212 | 3,382 |
| Other assets ${ }^{(4)}$ | 3,987 | 1,407 | 175 | - | $(1,372)$ | (40) | 4,157 |
| Accrued expenses and other liabilities ${ }^{(3)}$ | (660) | $(1,212)$ | (169) | - | 101 | ( | $(1,940)$ |

[^19]${ }^{(4)}$ Other assets is primarily comprised of AFS marketable equity securities.

The following tables summarize gains and losses due to changes in fair value, including both realized and unrealized gains (losses), recorded in earnings for Level 3 assets and liabilities during 2010, 2009 and 2008. These amounts include gains (losses) on loans, LHFS, loan commitments and structured notes which are accounted for under the fair value option.

Level 3 - Total Realized and Unrealized Gains (Losses) Included in Earnings

|  | 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Equity Investment Income (Loss) | Trading Account Profits (Losses) | Mortgage Banking Income (Loss) ${ }^{(1)}$ | Other Income (Loss) | Total |
| Trading account assets: |  |  |  |  |  |
| Corporate securities, trading loans and other | \$ | \$ 848 | \$ | \$ - | \$ 848 |
| Equity securities | - | (81) | - | - | (81) |
| Non-U.S. sovereign debt | - | (138) | - | - | (138) |
| Mortgage trading loans and asset-backed securities | - | 653 | - | - | 653 |
| Total trading account assets | - | 1,282 | - | - | 1,282 |
| Net derivative assets | - | $(1,257)$ | 9,375 | - | 8,118 |
| Available-for-sale debt securities: |  |  |  |  |  |
| Non-agency MBS: |  |  |  |  |  |
| Residential | - | - | (16) | (630) | (646) |
| Commercial | - | - | - | (13) | (13) |
| Non-U.S. securities | - | - | - | (125) | (125) |
| Corporate/Agency bonds | - | - | - | (3) | (3) |
| Other taxable securities | - | (295) | - | (1) | (296) |
| Tax-exempt securities | - | 23 | - | (48) | (25) |
| Total available-for-sale debt securities | - | (272) | (16) | (820) | $(1,108)$ |
| Loans and leases ${ }^{(2)}$ | - | - | - | (89) | (89) |
| Mortgage servicing rights | - | - | $(4,321)$ | - | $(4,321)$ |
| Loans held-for-sale ${ }^{(2)}$ | - | - | 72 | 410 | 482 |
| Other assets | 1,967 | - | (21) | - | 1,946 |
| Trading account liabilities - Non-U.S. sovereign debt | - | 18 | - | - | 18 |
| Commercial paper and other short-term borrowings ${ }^{(2)}$ | - | - | (95) | - | (95) |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | (26) | - | 172 | 146 |
| Long-term debt ${ }^{(2)}$ | - | 677 | - | 20 | 697 |
| Total | \$1,967 | \$ 422 | \$ 4,994 | \$(307) | \$ 7,076 |

[^20]Level 3 - Total Realized and Unrealized Gains (Losses) Included in Earnings

|  | 2009 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Equity Investment Income (Loss) | Trading Account Profits (Losses) | Mortgage Banking Income (Loss) ${ }^{(1)}$ | Other <br> Income <br> (Loss) | Total |
| Trading account assets: |  |  |  |  |  |
| Corporate securities, trading loans and other | \$ - | \$ 370 | \$ | \$ | \$ 370 |
| Equity securities | - | (396) | - | - | (396) |
| Non-U.S. sovereign debt | - | 136 | - | - | 136 |
| Mortgage trading loans and asset-backed securities | - | (262) | - | - | (262) |
| Total trading account assets | - | (152) | - | - | (152) |
| Net derivative assets | - | $(2,526)$ | 8,052 | - | 5,526 |
| Available-for-sale debt securities: |  |  |  |  |  |
| Non-agency MBS: |  |  |  |  |  |
| Residential | - | - | (20) | $(1,139)$ | $(1,159)$ |
| Commercial | - | - | - | (185) | (185) |
| Non-U.S. securities | - | - | - | (79) | (79) |
| Corporate/Agency bonds | - | - | - | (22) | (22) |
| Other taxable securities | - | - | - | (73) | (73) |
| Total available-for-sale debt securities | - | - | (20) | $(1,498)$ | $(1,518)$ |
| Loans and leases ${ }^{(2)}$ | - | (11) | - | 526 | 515 |
| Mortgage servicing rights | - | - | 5,286 | - | 5,286 |
| Loans held-for-sale ${ }^{(2)}$ | - | (216) | 306 | 588 | 678 |
| Other assets | 968 | - | 244 | 61 | 1,273 |
| Trading account liabilities - Non-U.S. sovereign debt | - | (38) | - | - | (38) |
| Commercial paper and other short-term borrowings ${ }^{(2)}$ | - | - | (11) | - | (11) |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | 36 | - | 1,360 | 1,396 |
| Long-term debt ${ }^{(2)}$ | - | $(2,083)$ | - | (227) | $(2,310)$ |
| Total | \$968 | \$(4,990) | \$13,857 | \$ 810 | \$ 10,645 |
|  |  |  | 2008 |  |  |
| Trading account assets | \$ - | \$(3,044) | \$ (178) | \$ - | \$ $(3,222)$ |
| Net derivative assets | - | 103 | 2,428 | - | 2,531 |
| Available-for-sale debt securities | - | - | (74) | $(2,435)$ | $(2,509)$ |
| Loans and leases ${ }^{(2)}$ | - | (5) | - | (775) | (780) |
| Mortgage servicing rights | - | - | $(7,115)$ | - | $(7,115)$ |
| Loans held-for-sale ${ }^{(2)}$ | - | (195) | (848) | (4) | $(1,047)$ |
| Other assets | 165 | - | - | 10 | 175 |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | 9 | 295 | (473) | (169) |
| Total | \$165 | \$(3,132) | \$ $(5,492)$ | \$(3,677) | \$(12,136) |

[^21]The following tables summarize changes in unrealized gains (losses) recorded in earnings during 2010, 2009 and 2008 for Level 3 assets and liabilities that were still held at December 31, 2010, 2009 and 2008. These amounts include changes in fair value on loans, LHFS, loan commitments and structured notes which are accounted for under the fair value option.

Level 3 - Changes in Unrealized Gains (Losses) Relating to Assets and Liabilities Still Held at Reporting Date

|  | 2010 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Equity Investment Income (Loss) | Trading Account Profits (Losses) | Mortgage Banking Income $(\text { Loss })^{(1)}$ | Other Income (Loss) | Total |
| Trading account assets: |  |  |  |  |  |
| Corporate securities, trading loans and other | \$ - | \$ 289 | \$ | \$ - | \$ 289 |
| Equity securities | - | (50) | - | - | (50) |
| Non-U.S. sovereign debt | - | (144) | - | - | (144) |
| Mortgage trading loans and asset-backed securities | - | 227 | - | - | 227 |
| Total trading account assets | - | 322 | - | - | 322 |
| Net derivative assets | - | (945) | 676 | - | (269) |
| Available-for-sale debt securities: |  |  |  |  |  |
| Non-agency MBS: |  |  |  |  |  |
| Residential | - | - | (2) | (162) | (164) |
| Commercial | - | - | - | - | - |
| Non-U.S. securities | - | - | - | - | - |
| Other taxable securities | - | - | - | - | - |
| Total available-for-sale debt securities | - | - | (2) | (162) | (164) |
| Loans and leases ${ }^{(2)}$ | - | - | - | (142) | (142) |
| Mortgage servicing rights | - | - | $(5,740)$ | - | $(5,740)$ |
| Loans held-for-sale ${ }^{(2)}$ | - | 10 | (9) | 258 | 259 |
| Other assets | 50 | - | (22) | - | 28 |
| Trading account liabilities - Non-U.S. sovereign debt | - | 52 | - | - | 52 |
| Commercial paper and other short-term borrowings ${ }^{(2)}$ | - | - | (46) | - | (46) |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | - | - | (182) | (182) |
| Long-term debt ${ }^{(2)}$ | - | 585 | - | 43 | 628 |
| Total | \$50 | \$ 24 | \$(5,143) | \$(185) | \$(5,254) |

${ }^{(1)}$ Mortgage banking income does not reflect the impact of Level 1 and Level 2 hedges on MSRs.
${ }^{(2)}$ Amounts represent items which are accounted for under the fair value option.

Level 3 - Changes in Unrealized Gains (Losses) Relating to Assets and Liabilities Still Held at Reporting Date

|  | 2009 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Equity Investment Income (Loss) | Trading Account Profits (Losses) | Mortgage Banking Income (Loss) ${ }^{(1)}$ | Other Income (Loss) | Total |
| Trading account assets: |  |  |  |  |  |
| Corporate securities, trading loans and other | \$ - | \$ 89 | \$ - | \$ | \$ 89 |
| Equity securities | - | (328) | - | - | (328) |
| Non-U.S. sovereign debt | - | 137 | - | - | 137 |
| Mortgage trading loans and asset-backed securities | - | (332) | - | - | (332) |
| Total trading account assets | - | (434) | - | - | (434) |
| Net derivative assets | - | $(2,761)$ | 348 | - | $(2,413)$ |
| Available-for-sale debt securities: |  |  |  |  |  |
| Non-agency MBS - Residential | - | - | (20) | (659) | (679) |
| Other taxable securities | - | (11) | - | (3) | (14) |
| Tax-exempt securities | - | (2) | - | (8) | (10) |
| Total available-for-sale debt securities | - | (13) | (20) | (670) | (703) |
| Loans and leases ${ }^{(2)}$ | - | - | - | 210 | 210 |
| Mortgage servicing rights | - | - | 4,100 | - | 4,100 |
| Loans held-for-sale ${ }^{(2)}$ | - | (195) | 164 | 695 | 664 |
| Other assets | (177) | - | 6 | 1,061 | 890 |
| Trading account liabilities - Non-U.S. sovereign debt | - | (38) | - | - | (38) |
| Commercial paper and other short-term borrowings ${ }^{(2)}$ | - | ( | (11) | - | (11) |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | - | - | 1,740 | 1,740 |
| Long-term debt ${ }^{(2)}$ | - | $(2,303)$ | - | (225) | $(2,528)$ |
| Total | \$(177) | \$(5,744) | \$ 4,587 | \$ 2,811 | \$ 1,477 |
|  |  |  | 2008 |  |  |
| Trading account assets | \$ - | \$(2,144) | \$ (178) | \$ - | \$ $(2,322)$ |
| Net derivative assets | - | 2,095 | 1,154 | - | 3,249 |
| Available-for-sale debt securities | - | - | (74) | $(1,840)$ | $(1,914)$ |
| Loans and leases ${ }^{(2)}$ | - | - | - | $(1,003)$ | $(1,003)$ |
| Mortgage servicing rights | - | - | $(7,378)$ | - | $(7,378)$ |
| Loans held-for-sale ${ }^{(2)}$ | - | (154) | (423) | (4) | (581) |
| Other assets | (524) | - | - | - | (524) |
| Accrued expenses and other liabilities ${ }^{(2)}$ | - | - | 292 | (880) | (588) |
| Total | \$(524) | \$ (203) | \$(6,607) | \$(3,727) | \$(11,061) |

[^22]
## Nonrecurring Fair Value

Certain assets and liabilities are measured at fair value on a nonrecurring basis and are not included in the previous tables in this Note. These assets and liabilities primarily include LHFS, unfunded loan commitments held-for-sale, goodwill and foreclosed properties. During 2010, the Corporation recorded goodwill impairment charges associated with the Global Card Services and Home Loans \& Insurance business segments of $\$ 10.4$ billion and $\$ 2.0$ billion. The fair value of the goodwill balance for Global Card Services and Home Loans \& Insurance was $\$ 11.9$ billion and $\$ 2.8$ billion at December 31, 2010. See Note 10-Goodwill and Intangible Assets for additional information on the goodwill impairment charges. The amounts below represent only balances measured at fair value during the year and still held as of the reporting date.

|  | December 31, 2010 |  | $\begin{aligned} & \text { Gains (Losses) } \\ & \text { in } 2010 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) | Level 2 | Level 3 |  |
| Assets |  |  |  |
| Loans held-for-sale | \$931 | \$ 6,408 | \$ 174 |
| Loans and leases ${ }^{(1)}$ | 23 | 11,917 | $(6,074)$ |
| Foreclosed properties ${ }^{(2)}$ | 10 | 2,125 | (240) |
| Other assets | 8 | 95 | (50) |


| (Dollars in millions) | December 31, 2009 |  | Gains (Losses)in 2009 |
| :---: | :---: | :---: | :---: |
|  | Level 2 | Level 3 |  |
| Assets |  |  |  |
| Loans held-for-sale | \$2,320 | \$7,248 | \$(1,288) |
| Loans and leases ${ }^{(1)}$ | - | 8,602 | $(5,596)$ |
| Foreclosed properties ${ }^{(2)}$ | - | 644 | (322) |
| Other assets | 31 | 322 | (268) |

${ }^{(1)}$ Gains (losses) represent charge-offs associated with real estate-secured loans that exceed 180 days past due.
${ }^{(2)}$ Amounts are included in other assets on the Consolidated Balance Sheet and represent fair value and related losses on foreclosed properties that were written down subsequent to their initial classification as foreclosed properties.

## NOTE 23 Fair Value Option

## Corporate Loans and Loan Commitments

The Corporation elected to account for certain large corporate loans and loan commitments which exceeded the Corporation's single name credit risk concentration guidelines under the fair value option. Lending commitments, both funded and unfunded, are actively managed and monitored and, as appropriate, credit risk for these lending relationships may be mitigated through the use of credit derivatives, with the Corporation's public side credit view and market perspectives determining the size and timing of the hedging activity. These credit derivatives do not meet the requirements for derivatives designated as accounting hedges and therefore are carried at fair value with changes in fair value recorded in other income (loss). Electing the fair value option allows the Corporation to carry these loans and loan commitments at fair value, which is more consistent with management's view of the underlying economics and the manner in which they are managed. In addition, accounting for these loans and loan commitments at fair value reduces the accounting asymmetry that would otherwise result from carrying the loans at historical cost and the credit derivatives at fair value.

## Loans Held-for-Sale

The Corporation elected to account for certain LHFS at fair value. Electing the fair value option allows a better offset of the changes in fair values of the
loans and the derivative instruments used to economically hedge them. The Corporation has not elected to account for other LHFS under the fair value option primarily because these loans are floating-rate loans that are not economically hedged using derivative instruments. Residential mortgage LHFS, commercial mortgage LHFS and other LHFS are accounted for under the fair value option with interest income on these LHFS recorded in other interest income. The changes in fair value are largely offset by hedging activities. An immaterial portion of these amounts was attributable to changes in instrument-specific credit risk.

## Other Assets

The Corporation elected to account for certain other assets under the fair value option including private equity investments.

## Securities Financing Agreements

The Corporation elected to account for certain securities financing agreements, including resale and repurchase agreements, under the fair value option based on the tenor of the agreements, which reflects the magnitude of the interest rate risk. The majority of securities financing agreements collateralized by U.S. government securities were excluded from the fair value option election as these contracts are generally short-dated and therefore the interest rate risk is not significant.

## Long-term Deposits

The Corporation elected to account for certain long-term fixed-rate and ratelinked deposits, which are economically hedged with derivatives, under the fair value option. Election of the fair value option allows the Corporation to reduce the accounting volatility that would otherwise result from the accounting asymmetry created by accounting for the financial instruments at historical cost and the economic hedges at fair value. The Corporation did not elect to carry other long-term deposits at fair value because they were not economically hedged using derivatives.

## Commercial Paper and Other Short-term Borrowings

The Corporation elected to account for certain commercial paper and other short-term borrowings under the fair value option. This debt is risk-managed on a fair value basis.

## Long-term Debt

The Corporation elected to account for certain long-term debt, primarily structured notes that were acquired as part of the Merrill Lynch acquisition, under the fair value option. This long-term debt is risk-managed on a fair value basis. Election of the fair value option allows the Corporation to reduce the accounting volatility that would otherwise result from the accounting asymmetry created by accounting for these financial instruments at historical cost and the related economic hedges at fair value.

## Asset-backed Secured Financings

The Corporation elected to account for certain asset-backed secured financings that were acquired as part of the Countrywide acquisition, which are classified in commercial paper and other short-term borrowings, under the fair value option. Election of the fair value option allows the Corporation to reduce the accounting volatility that would otherwise result from the accounting asymmetry created by accounting for the asset-backed secured financings at historical cost and the corresponding mortgage LHFS securing these financings at fair value.

The table below provides information about the fair value carrying amount and the contractual principal outstanding of assets or liabilities accounted for under the fair value option at December 31, 2010 and 2009.

Fair Value Option Elections

|  | December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  |  | 2009 |  |  |
|  | Fair Value Carrying Amount | Contractual Principal Outstanding | Fair Value Carrying Amount Less Unpaid Principal | Fair Value <br> Carrying <br> Amount | Contractual Principal Outstanding | Fair Value Carrying Amount Less Unpaid Principal |
| Corporate loans and loan commitments ${ }^{(1)}$ | \$ 4,135 | \$ 3,638 | \$ 497 | \$ 5,865 | \$ 5,460 | \$ 405 |
| Loans held-for-sale | 25,942 | 28,370 | $(2,428)$ | 32,795 | 36,522 | $(3,727)$ |
| Securities financing agreements | 116,023 | 115,053 | 970 | 95,100 | 94,641 | 459 |
| Other assets | 310 | n/a | n/a | 253 | n/a | n/a |
| Long-term deposits | 2,732 | 2,692 | 40 | 1,663 | 1,605 | 58 |
| Asset-backed secured financings | 706 | 1,356 | (650) | 707 | 1,451 | (744) |
| Commercial paper and other short-term borrowings | 6,472 | 6,472 | - | 813 | 813 | - |
| Long-term debt | 50,984 | 54,656 | $(3,672)$ | 45,451 | 48,560 | $(3,109)$ |

 $\mathrm{n} / \mathrm{a}=$ not applicable

The tables below provide information about where changes in the fair value of assets or liabilities accounted for under the fair value option are included in the Consolidated Statement of Income for 2010, 2009 and 2008.

Gains (Losses) Relating to Assets and Liabilities Accounted for Under the Fair Value Option

| (Dollars in millions) | 2010 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Trading Account Profits (Losses) |  | Mortgage Banking Income (Loss) | Equity Investment Income (Loss) | Other <br> Income <br> (Loss) | Total |
| Corporate loans and loan commitments | \$ | 2 | \$ | \$ | \$ 105 | \$ 107 |
| Loans held-for-sale |  | - | 9,091 | - | 493 | 9,584 |
| Securities financing agreements |  | - | - | - | 52 | 52 |
| Other assets |  | - | - | - | 107 | 107 |
| Long-term deposits |  | - | - | - | (48) | (48) |
| Asset-backed secured financings |  | - | (95) | - | - | (95) |
| Commercial paper and other short-term borrowings |  | (192) | - | - | - | (192) |
| Long-term debt |  | (625) | - | - | 22 | (603) |
| Total | \$ | (815) | \$8,996 | \$ - | \$ 731 | \$ 8,912 |
|  | 2009 |  |  |  |  |  |
| Corporate loans and loan commitments | \$ |  | \$ - | \$ - | \$ 1,886 | \$ 1,911 |
| Loans held-for-sale |  | (211) | 8,251 | - | 588 | 8,628 |
| Securities financing agreements |  | - | - | - | (292) | (292) |
| Other assets |  | 379 | - | (177) | - | 202 |
| Long-term deposits |  | - | - | - | 35 | 35 |
| Asset-backed secured financings |  | - | (11) | - | - | (11) |
| Commercial paper and other short-term borrowings |  | (236) | - | - | - | (236) |
| Long-term debt |  | $(3,938)$ | - | - | $(4,900)$ | $(8,838)$ |
| Total |  | (3,981) | \$8,240 | \$(177) | \$(2,683) | \$ 1,399 |
|  | 2008 |  |  |  |  |  |
| Corporate loans and loan commitments | \$ | 4 | \$ - | \$ - | \$(1,248) | \$(1,244) |
| Loans held-for-sale |  | (680) | 281 | - | (215) | (614) |
| Securities financing agreements |  | - | - | - | (18) | (18) |
| Long-term deposits |  | - | - | - | (10) | (10) |
| Asset-backed secured financings |  | - | 295 | - | - | 295 |
| Total |  | (676) | \$ 576 | \$ - | \$(1,491) | \$(1,591) |

## NOTE 24 Fair Value of Financial Instruments

The fair values of financial instruments have been derived using methodologies described in Note 22 - Fair Value Measurements. The following disclosures include financial instruments where only a portion of the ending balances at December 31, 2010 and 2009 is carried at fair value on the Corporation's Consolidated Balance Sheet.

## Short-term Financial Instruments

The carrying value of short-term financial instruments, including cash and cash equivalents, time deposits placed, federal funds sold and purchased, resale and certain repurchase agreements, commercial paper and other short-term investments and borrowings approximates the fair value of these instruments. These financial instruments generally expose the Corporation to limited credit risk and have no stated maturities or have short-term maturities and carry interest rates that approximate market. The Corporation elected to account for certain structured reverse repurchase agreements under the fair value option.

## Loans

Fair values were generally determined by discounting both principal and interest cash flows expected to be collected using an observable discount rate for similar instruments with adjustments that the Corporation believes a market participant would consider in determining fair value. The Corporation estimates the cash flows expected to be collected using internal credit risk, interest rate and prepayment risk models that incorporate the Corporation's best estimate of current key assumptions, such as default rates, loss severity and prepayment speeds for the life of the loan. The carrying value of loans is presented net of the applicable allowance for loan and lease losses and excludes leases. The Corporation elected to account for certain large corporate loans which exceeded the Corporation's single name credit risk concentration guidelines under the fair value option.

## Deposits

The fair value for certain deposits with stated maturities was determined by discounting contractual cash flows using current market rates for instruments with similar maturities. The carrying value of non-U.S. time deposits approximates fair value. For deposits with no stated maturities, the carrying amount was considered to approximate fair value and does not take into account the significant value of the cost advantage and stability of the Corporation's longterm relationships with depositors. The Corporation accounts for certain longterm fixed-rate deposits which are economically hedged with derivatives under the fair value option.

## Long-term Debt

The Corporation uses quoted market prices, when available, to estimate fair value for its long-term debt. When quoted market prices are not available, fair value is estimated based on current market interest rates and credit spreads for debt with similar terms and maturities. The Corporation accounts for certain structured notes under the fair value option.

## Fair Value of Financial Instruments

The carrying values and fair values of certain financial instruments that are not carried at fair value at December 31, 2010 and 2009 are presented in the table below.


## NOTE 25 Mortgage Servicing Rights

The Corporation accounts for consumer MSRs at fair value with changes in fair value recorded in the Consolidated Statement of Income in mortgage banking income. The Corporation economically hedges these MSRs with certain derivatives and securities including MBS and U.S. Treasuries. The securities that economically hedge the MSRs are classified in other assets with changes in the fair value of the securities and the related interest income recorded in mortgage banking income.

The table below presents activity for residential first mortgage MSRs for 2010 and 2009.

| (Dollars in millions) |  |  |
| :--- | ---: | ---: |
| Balance, January 1 | $\mathbf{2 0 1 0}$ | 2009 |
| $\quad$ Merrill Lynch balance, January 1, 2009 | - | $\$ 12,733$ |
| Net additions | 3,516 | 5,728 |
| Impact of customer payments | $(3,760)$ | $(4,491)$ |
| $\quad$ Other changes in MSR fair value ${ }^{(1)}$ | $(4,321)$ | 5,286 |
| Balance, December 31 | $\$ 14,900$ | $\$ 19,465$ |
| Mortgage loans serviced for investors (in billions) | $\$ 1,628$ | $\$ 1,716$ |

${ }^{(1)}$ These amounts reflect the change in discount rates and prepayment speed assumptions, mostly due to changes in interest rates, as well as the effect of changes in other assumptions.

The Corporation uses an OAS valuation approach to determine the fair value of MSRs which factors in prepayment risk. This approach consists of projecting servicing cash flows under multiple interest rate scenarios and discounting these cash flows using risk-adjusted discount rates. The key economic assumptions used in determining the fair value of MSRs at December 31, 2010 and 2009 are presented below.

| (Dollars in millions) | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  |
|  | Fixed | Adjustable | Fixed | Adjustable |
| Weighted-average option adjusted spread | 2.21\% | 3.25\% | 1.67\% | 4.64\% |
| Weighted-average life, in years | 4.85 | 2.29 | 5.62 | 3.26 |

The table below presents the sensitivity of the weighted-average lives and fair value of MSRs to changes in modeled assumptions. These sensitivities are hypothetical and should be used with caution. As the amounts indicate, changes in fair value based on variations in assumptions generally cannot be extrapolated because the relationship of the change in assumption to the change in fair value may not be linear. Also, the effect of a variation in a particular assumption on the fair value of MSRs that continue to be held by the Corporation is calculated without changing any other assumption. In reality, changes in one factor may result in changes in another, which might magnify or counteract the sensitivities. The below sensitivities do not reflect any hedge strategies that may be undertaken to mitigate such risk.

Commercial and residential reverse mortgage MSRs, which are carried at the lower of cost or market value and accounted for using the amortization method, totaled $\$ 278$ million and $\$ 309$ million at December 31, 2010 and 2009, and are not included in the table below.

|  | December 31, 2010 |  |  |
| :--- | ---: | ---: | ---: |
| (Dollars in millions) | Change in <br> Weighted-average Lives |  |  |
| Crepayment rates | Fixed | Adjustable | Fair Value |
| Impact of 10\% decrease |  |  |  |
| Impact of 20\% decrease | 0.33 years | 0.16 years | $\$ 907$ |
| Impact of 10\% increase | 0.70 | 0.34 | 1,925 |
| Impact of 20\% increase | $(0.29)$ | $(0.14)$ | $(814)$ |
| OAS level | $(0.55)$ | $(0.26)$ | $(1,551)$ |
| Impact of 100 bps decrease |  |  |  |
| Impact of 200 bps decrease | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\$$ |
| Impact of 100 bps increase | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | 1,668 |
| Impact of 200 bps increase | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $(729)$ |

$\mathrm{n} / \mathrm{a}=$ not applicable

## NOTE 26 Business Segment Information

The Corporation reports the results of its operations through six business segments: Deposits, Global Card Services, Home Loans \& Insurance, Global Commercial Banking, Global Banking \& Markets (GBAM) and Global Wealth \& Investment Management (GWIM), with the remaining operations recorded in All Other. Effective January 1, 2010, the Corporation realigned the Global Corporate and Investment Banking portion of the former Global Banking business segment with the former Global Markets business segment to form GBAM and to reflect Global Commercial Banking as a standalone segment. In addition, the Corporation may periodically reclassify business segment results based on modifications to its management reporting methodologies and changes in organizational alignment. Prior period amounts have been reclassified to conform to current period presentation.

## Deposits

Deposits includes the results of consumer deposits activities which consist of a comprehensive range of products provided to consumers and small businesses. In addition, Deposits includes an allocation of ALM activities. Deposit products include traditional savings accounts, money market savings accounts, CDs and IRAs, and noninterest- and interest-bearing checking accounts. These products provide a relatively stable source of funding and liquidity. The Corporation earns net interest spread revenue from investing this liquidity in earning assets through client-facing lending and ALM activities. The revenue is allocated to the deposit products using a funds transfer pricing
process which takes into account the interest rates and maturity characteristics of the deposits. Deposits also generates fees such as account service fees, non-sufficient funds fees, overdraft charges and ATM fees. In addition, Deposits includes the net impact of migrating customers and their related deposit balances between GWIM and Deposits. Subsequent to the date of migration, the associated net interest income, service charges and noninterest expense are recorded in the business to which deposits were transferred.

## Global Card Services

Global Card Services provides a broad offering of products including U.S. consumer and business card, consumer lending, international card and debit card to consumers and small businesses. The Corporation reports its Global Card Services current period results in accordance with new consolidation guidance that was effective on January 1, 2010. Under this new consolidation guidance, the Corporation consolidated all previously unconsolidated credit card trusts. Accordingly, current year results are comparable to prior year results that were presented on a managed basis, which was consistent with the way that management evaluated the results of the business. Managed basis assumed that securitized loans were not sold and presented earnings on these loans in a manner similar to the way loans that have not been sold (i.e., held loans) are presented. Loan securitization is an alternative funding process that is used by the Corporation to diversify funding sources. Global Card Services managed income statement line items differ from a held basis as follows: managed net interest income includes Global Card Services net interest income on held loans and interest income on the securitized loans less the internal funds transfer pricing allocation related to securitized loans; managed noninterest income includes Global Card Services noninterest income on a held basis less the reclassification of certain components of card income (e.g., excess servicing income) to record securitized net interest income and provision for credit losses; and provision for credit losses represents the provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio.

## Home Loans \& Insurance

Home Loans \& Insurance provides an extensive line of consumer real estate products and services to customers nationwide. Home Loans \& Insurance products include fixed and adjustable-rate first-lien mortgage loans for home purchase and refinancing needs, reverse mortgages, home equity lines of credit and home equity loans. First mortgage products are either sold into the secondary mortgage market to investors while retaining MSRs and the Bank of America customer relationships, or are held on the Corporation's Consolidated Balance Sheet for ALM purposes and reported in All Other. Home Loans \& Insurance is not impacted by the Corporation's first mortgage production retention decisions as Home Loans \& Insurance is compensated for the decision on a management accounting basis with a corresponding offset recorded in All Other. Funded home equity lines of credit and home equity loans are held on the Corporation's Consolidated Balance Sheet. In addition, Home Loans \& Insurance offers property, casualty, life, disability and credit insurance. Home Loans \& Insurance also includes the impact of migrating customers and their related loan balances between GWIM and Home Loans \& Insurance based on client segmentation thresholds. Subsequent to the date of migration, the associated net interest income and noninterest expense are recorded in the business segment to which loans were transferred.

## Global Commercial Banking

Global Commercial Banking provides a wide range of lending-related products and services, integrated working capital management and treasury solutions to clients through the Corporation's network of offices and client relationship teams along with various product partners. Clients include business banking and middle-market companies, commercial real estate firms and governments, and are generally defined as companies with sales up to $\$ 2$ billion. Lending products and services include commercial loans and commitment facilities, real estate lending, asset-based lending and indirect consumer loans. Capital management and treasury solutions include treasury management, foreign exchange and short-term investing options.

## Global Banking \& Markets

GBAM provides financial products, advisory services, financing, securities clearing, settlement and custody services globally to institutional investor clients in support of their investing and trading activities. GBAM also works with commercial and corporate clients to provide debt and equity underwriting and distribution capabilities, merger-related and other advisory services, and risk management products using interest rate, equity, credit, currency and commodity derivatives, foreign exchange, fixed-income and mortgage-related products. As a result of the Corporation's market-making activities in these products, it may be required to manage positions in government securities, equity and equity-linked securities, high-grade and high-yield corporate debt securities, commercial paper, MBS and ABS. Corporate banking services provide a wide range of lending-related products and services, integrated working capital management and treasury solutions to clients through the Corporation's network of offices and client relationship teams along with various product partners. Corporate clients are generally defined as companies with sales greater than $\$ 2$ billion. In addition, GBAM also includes the results related to the merchant services joint venture.

## Global Wealth \& Investment Management

GWIM provides comprehensive wealth management capabilities to a broad base of clients from emerging affluent to the ultra-high-net-worth. These services include investment and brokerage services, estate and financial planning, fiduciary portfolio management, cash and liability management and specialty asset management. GWIM also provides retirement and benefit plan services, philanthropic management and asset management to individual and institutional clients. In addition, GWIM includes the results of BofA Capital Management, the cash and liquidity asset management business that the Corporation retained following the sale of the Columbia long-term asset management business, and other miscellaneous items. GWIM also reflects the impact of migrating clients and their related deposit and loan balances to or from GWIM and Deposits, Home Loans \& Insurance and the Corporation's ALM activities. Subsequent to the date of migration, the associated net interest income, noninterest income and noninterest expense are recorded in the business to which the clients migrated.

## All Other

All Other consists of equity investment activities including Global Principal Investments, Strategic Investments, the residential mortgage portfolio associated with ALM activities, the impact of the cost allocation processes, merger
and restructuring charges, intersegment eliminations, and the results of certain businesses that are expected to be or have been sold or are in the process of being liquidated. All Other also includes certain amounts associated with ALM activities, amounts associated with the change in the value of derivatives used as economic hedges of interest rate and foreign exchange rate fluctuations, the impact of foreign exchange rate fluctuations related to revaluation of foreign currency-denominated debt, fair value adjustments related to certain structured notes, certain gains (losses) on sales of whole mortgage loans, gains (losses) on sales of debt securities, OTTI write-downs on certain AFS securities and for periods prior to January 1, 2010, a securitization offset which removed the securitization impact of sold loans in Global Card Services in order to present the consolidated results of the Corporation on a GAAP basis (i.e., held basis).

## Basis of Presentation

The management accounting and reporting process derives segment and business results by utilizing allocation methodologies for revenue and expense. The net income derived for the businesses is dependent upon revenue and cost allocations using an activity-based costing model, funds transfer pricing, and other methodologies and assumptions management believes are appropriate to reflect the results of the business.

Total revenue, net of interest expense, includes net interest income on a fully taxable-equivalent (FTE) basis and noninterest income. The adjustment of net interest income to a FTE basis results in a corresponding increase in income tax expense. The segment results also reflect certain revenue and expense methodologies that are utilized to determine net income. The net interest income of the businesses includes the results of a funds transfer pricing process that matches assets and liabilities with similar interest rate sensitivity and maturity characteristics. For presentation purposes, in segments where the total of liabilities and equity exceeds assets, which are generally deposit-taking segments, the Corporation allocates assets to match liabilities. Net interest income of the business segments also includes an allocation of net interest income generated by the Corporation's ALM activities.

The Corporation's ALM activities include an overall interest rate risk management strategy that incorporates the use of interest rate contracts to manage fluctuations in earnings that are caused by interest rate volatility. The Corporation's goal is to manage interest rate sensitivity so that movements in interest rates do not significantly adversely affect net interest income. The Corporation's ALM activities are allocated to the business segments and fluctuate based on performance. ALM activities include external product pricing decisions including deposit pricing strategies, the effects of the Corporation's internal funds transfer pricing process and the net effects of other ALM activities.

Certain expenses not directly attributable to a specific business segment are allocated to the segments. The most significant of these expenses include data and item processing costs and certain centralized or shared functions. Data processing costs are allocated to the segments based on equipment usage. Item processing costs are allocated to the segments based on the volume of items processed for each segment. The costs of certain centralized or shared functions are allocated based on methodologies that reflect utilization.

The following tables present total revenue, net of interest expense, on a FTE basis and net income (loss) for 2010, 2009 and 2008, and total assets at December 31, 2010 and 2009 for each business segment, as well as All Other.

## Business Segments

At and for the Year Ended December 31
(Dollars in millions)

| (Dollars in millions) | 2010200 |  |  |  | 2008 | 2010 |  | 2009 |  | 200 |  | 2010 |  | 200 | 200 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(3)}$ | \$ | 52,693 | \$ | 48,410 | \$46,554 | \$ | 8,128 | \$ | 7,089 | \$10,910 | \$ | 17,821 | \$ | 19,972 | \$19,305 |
| Noninterest income |  | 58,697 |  | 72,534 | 27,422 |  | 5,053 |  | 6,801 | 6,854 |  | 7,800 |  | 9,074 | 11,628 |
| Total revenue, net of interest expense |  | 111,390 |  | 120,944 | 73,976 |  | 13,181 |  | 13,890 | 17,764 |  | 25,621 |  | 29,046 | 30,933 |
| Provision for credit losses |  | 28,435 |  | 48,570 | 26,825 |  | 201 |  | 343 | 390 |  | 12,648 |  | 29,553 | 19,575 |
| Amortization of intangibles |  | 1,731 |  | 1,977 | 1,834 |  | 195 |  | 238 | 297 |  | 813 |  | 911 | 1,048 |
| Goodwill impairment |  | 12,400 |  | - | - |  | - |  | - | - |  | 10,400 |  | - | - |
| Other noninterest expense |  | 68,977 |  | 64,736 | 39,695 |  | 10,636 |  | 9,263 | 8,296 |  | 6,140 |  | 6,815 | 7,905 |
| Income (loss) before income taxes |  | (153) |  | 5,661 | 5,622 |  | 2,149 |  | 4,046 | 8,781 |  | $(4,380)$ |  | $(8,233)$ | 2,405 |
| Income tax expense (benefit) ${ }^{(3)}$ |  | 2,085 |  | (615) | 1,614 |  | 797 |  | 1,470 | 3,192 |  | 2,223 |  | $(2,972)$ | 850 |
| Net income (loss) | \$ | $(2,238)$ | \$ | 6,276 | \$ 4,008 | \$ | 1,352 | \$ | 2,576 | \$ 5,589 | \$ | $(6,603)$ | \$ | $(5,261)$ | \$ 1,555 |
| Year end total assets |  | ,264,909 |  | 230,232 |  |  | 32,334 |  | 44,612 |  |  | 169,762 |  | 12,668 |  |


|  | Home Loans \& Insurance |  |  |  |  | Global Commercial Banking |  |  |  |  |  | Global Banking \& Markets |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010 |  | 2009 |  | 2008 | 2010 |  | 2009 |  | 2008 |  | 2010 |  | 2009 |  | 2008 |
| Net interest income ${ }^{(3)}$ | \$ | 4,690 | \$ | 4,975 | \$ 3,311 | \$ | 8,086 | \$ | 8,054 | \$ | 8,142 | \$ | 7,989 | \$ | 9,553 | \$ 8,297 |
| Noninterest income |  | 5,957 |  | 11,928 | 6,001 |  | 2,817 |  | 3,087 |  | 2,535 |  | 20,509 |  | 23,070 | $(5,506)$ |
| Total revenue, net of interest expense |  | 10,647 |  | 16,903 | 9,312 |  | 10,903 |  | 11,141 |  | 10,677 |  | 28,498 |  | 32,623 | 2,791 |
| Provision for credit losses |  | 8,490 |  | 11,244 | 6,287 |  | 1,971 |  | 7,768 |  | 3,316 |  | (155) |  | 1,998 | 424 |
| Amortization of intangibles |  | 38 |  | 63 | 39 |  | 72 |  | 87 |  | 127 |  | 144 |  | 165 | 91 |
| Goodwill impairment |  | 2,000 |  | - | - |  | - |  | - |  | - |  | - |  | - | - |
| Other noninterest expense |  | 13,125 |  | 11,642 | 6,977 |  | 3,802 |  | 3,746 |  | 3,205 |  | 17,894 |  | 15,756 | 7,221 |
| Income (loss) before income taxes |  | $(13,006)$ |  | $(6,046)$ | $(3,991)$ |  | 5,058 |  | (460) |  | 4,029 |  | 10,615 |  | 14,704 | $(4,945)$ |
| Income tax expense (benefit) ${ }^{(3)}$ |  | $(4,085)$ |  | $(2,195)$ | $(1,477)$ |  | 1,877 |  | (170) |  | 1,418 |  | 4,296 |  | 4,646 | $(1,756)$ |
| Net income (loss) | \$ | $(8,921)$ | \$ | $(3,851)$ | \$ 2,514 ) | \$ | 3,181 | \$ | (290) | \$ | 2,611 | \$ | 6,319 | \$ | 10,058 | \$(3,189) |
| Year end total assets |  | 213,455 |  | 232,588 |  |  | 310,131 |  | 95,947 |  |  |  | 655,535 |  | 49,876 |  |


| Net interest income ${ }^{(3)}$ | \$ | 5,831 | \$ | 5,988 | \$4,780 | \$ | 148 | \$ | $(7,221)$ | \$(8,191) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noninterest income |  | 10,840 |  | 10,149 | 1,527 |  | 5,721 |  | 8,425 | 4,383 |
| Total revenue, net of interest expense |  | 16,671 |  | 16,137 | 6,307 |  | 5,869 |  | 1,204 | $(3,808)$ |
| Provision for credit losses |  | 646 |  | 1,061 | 664 |  | 4,634 |  | $(3,397)$ | $(3,831)$ |
| Amortization of intangibles |  | 458 |  | 480 | 192 |  | 11 |  | 33 | 40 |
| Other noninterest expense |  | 13,140 |  | 11,917 | 3,872 |  | 4,240 |  | 5,597 | 2,219 |
| Income (loss) before income taxes |  | 2,427 |  | 2,679 | 1,579 |  | $(3,016)$ |  | $(1,029)$ | $(2,236)$ |
| Income tax expense (benefit) ${ }^{(3)}$ |  | 1,080 |  | 963 | 565 |  | $(4,103)$ |  | $(2,357)$ | $(1,178)$ |
| Net income (loss) | \$ | 1,347 | \$ | 1,716 | \$1,014 | \$ | 1,087 | \$ | 1,328 | \$(1,058) |
| Year end total assets |  | 297,301 |  | 50,963 |  |  | 86,391 |  | 43,578 |  |

[^23]The table below reconciles Global Card Services and All Other for 2009 and 2008 to a held basis by reclassifying net interest income, all other income and realized credit losses associated with the securitized loans to card income. New consolidation guidance effective January 1, 2010 does not require reconciliation of Global Card Services and All Other to a held basis after 2009.

## Global Card Services - Reconciliation



## All Other - Reconciliation

|  | 2009 |  |  | 2008 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Reported Basis ${ }^{(1)}$ | Securitization Offset ${ }^{(2)}$ | $\begin{array}{r} \text { As } \\ \text { Adjusted } \end{array}$ | Reported Basis ${ }^{(1)}$ | Securitization Offset ${ }^{(2)}$ | $\begin{array}{r} \text { As } \\ \text { Adjusted } \end{array}$ |
| Net interest income ${ }^{(3)}$ | \$ (7,221) | \$ 9,250 | \$ 2,029 | \$(8,191) | \$ 8,701 | \$ 510 |
| Noninterest income: |  |  |  |  |  |  |
| Card income (loss) | (896) | 2,034 | 1,138 | 2,164 | $(2,250)$ | (86) |
| Equity investment income | 10,589 | - | 10,589 | 265 |  | 265 |
| Gains on sales of debt securities | 4,437 | - | 4,437 | 1,133 | - | 1,133 |
| All other income (loss) | $(5,705)$ | 115 | $(5,590)$ | 821 | 219 | 1,040 |
| Total noninterest income | 8,425 | 2,149 | 10,574 | 4,383 | $(2,031)$ | 2,352 |
| Total revenue, net of interest expense | 1,204 | 11,399 | 12,603 | $(3,808)$ | 6,670 | 2,862 |
| Provision for credit losses | $(3,397)$ | 11,399 | 8,002 | $(3,831)$ | 6,670 | 2,839 |
| Merger and restructuring charges | 2,721 | - | 2,721 | 935 | - | 935 |
| All other noninterest expense | 2,909 | - | 2,909 | 1,324 | - | 1,324 |
| Loss before income taxes | $(1,029)$ | - | $(1,029)$ | $(2,236)$ | - | $(2,236)$ |
| Income tax benefit ${ }^{(3)}$ | $(2,357)$ | - | $(2,357)$ | $(1,178)$ | - | $(1,178)$ |
| Net income (loss) | \$ 1,328 | \$ - | \$ 1,328 | \$(1,058) | \$ | \$(1,058) |

[^24]The tables below present a reconciliation of the six business segments' total revenue, net of interest expense, on a FTE basis, and net income (loss) to the Consolidated Statement of Income, and total assets to the Consolidated Balance Sheet. The adjustments presented in the tables below include consolidated income, expense and asset amounts not specifically allocated to individual business segments.

| (Dollars in millions) | 2010 | 2009 | 2008 |
| :---: | :---: | :---: | :---: |
| Segments' total revenue, net of interest expense ${ }^{(1)}$ | \$105,521 | \$119,740 | \$77,784 |
| Adjustments: |  |  |  |
| ALM activities | 1,924 | (766) | 2,390 |
| Equity investment income | 4,532 | 10,589 | 265 |
| Liquidating businesses | 1,336 | 2,268 | 1,819 |
| FTE basis adjustment | $(1,170)$ | $(1,301)$ | $(1,194)$ |
| Managed securitization impact to total revenue, net of interest expense | n/a | $(11,399)$ | $(6,670)$ |
| Other | $(1,923)$ | 512 | $(1,612)$ |
| Consolidated revenue, net of interest expense | \$110,220 | \$119,643 | \$72,782 |
| Segments' net income (loss) | \$ $(3,325)$ | \$ 4,948 | \$ 5,066 |
| Adjustments, net of taxes: |  |  |  |
| ALM activities | $(1,966)$ | $(6,597)$ | (641) |
| Equity investment income | 2,855 | 6,671 | 167 |
| Liquidating businesses | 318 | 477 | 378 |
| Merger and restructuring charges | $(1,146)$ | $(1,714)$ | (630) |
| Other | 1,026 | 2,491 | (332) |
| Consolidated net income (loss) | \$ $(2,238)$ | \$ 6,276 | \$ 4,008 |

${ }^{(1)}$ FTE basis
$\mathrm{n} / \mathrm{a}=$ not applicable

|  | December 31 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| Segment total assets | \$2,078,518 | \$2,086,654 |
| Adjustments: |  |  |
| ALM activities, including securities portfolio | 637,439 | 573,525 |
| Equity investments | 34,201 | 44,640 |
| Liquidating businesses | 10,928 | 34,761 |
| Elimination of segment excess asset allocations to match liabilities | $(645,846)$ | $(585,994)$ |
| Elimination of managed securitized loans ${ }^{(1)}$ | n/a | $(89,716)$ |
| Other | 149,669 | 166,362 |
| Consolidated total assets | \$2,264,909 | \$2,230,232 |

${ }^{(1)}$ Represents Global Card Services securitized loans. 2010 is presented in accordance with new consolidation guidance effective January 1, 2010.2009 is presented on a managed basis. $\mathrm{n} / \mathrm{a}=$ not applicable

NOTE 27 Parent Company Information
The following tables present the Parent Company only financial information.

## Condensed Statement of Income

| (Dollars in millions) | 2010 | 2009 | 2008 |
| :---: | :---: | :---: | :---: |
| Income |  |  |  |
| Dividends from subsidiaries: |  |  |  |
| Bank holding companies and related subsidiaries | \$ 7,263 | \$ 4,100 | \$ 18,178 |
| Nonbank companies and related subsidiaries | 226 | 27 | 1,026 |
| Interest from subsidiaries | 999 | 1,179 | 3,433 |
| Other income | 2,781 | 7,784 | 940 |
| Total income | 11,269 | 13,090 | 23,577 |
| Expense |  |  |  |
| Interest on borrowed funds | 4,484 | 4,737 | 6,818 |
| Noninterest expense | 8,030 | 4,238 | 1,829 |
| Total expense | 12,514 | 8,975 | 8,647 |
| Income (loss) before income taxes and equity in undistributed earnings of subsidiaries | $(1,245)$ | 4,115 | 14,930 |
| Income tax benefit | $(3,709)$ | (85) | $(1,793)$ |
| Income before equity in undistributed earnings of subsidiaries | 2,464 | 4,200 | 16,723 |
| Equity in undistributed earnings (losses) of subsidiaries: |  |  |  |
| Bank holding companies and related subsidiaries | 7,647 | $(21,614)$ | $(10,559)$ |
| Nonbank companies and related subsidiaries | $(12,349)$ | 23,690 | $(2,156)$ |
| Total equity in undistributed earnings (losses) of subsidiaries | $(4,702)$ | 2,076 | $(12,715)$ |
| Net income (loss) | \$ $(2,238)$ | \$ 6,276 | \$ 4,008 |
| Net income (loss) applicable to common shareholders | \$ $(3,595)$ | \$ $(2,204)$ | \$ 2,556 |

## Condensed Balance Sheet

|  | December 31 |  |
| :---: | :---: | :---: |
| (Dollars in millions) | 2010 | 2009 |
| Assets |  |  |
| Cash held at bank subsidiaries | \$117,124 | \$ 91,892 |
| Debt securities | 19,518 | 8,788 |
| Receivables from subsidiaries: |  |  |
| Bank holding companies and related subsidiaries | 50,589 | 54,442 |
| Nonbank companies and related subsidiaries | 8,320 | 13,043 |
| Investments in subsidiaries: |  |  |
| Bank holding companies and related subsidiaries | 188,538 | 186,673 |
| Nonbank companies and related subsidiaries | 61,374 | 67,399 |
| Other assets | 10,837 | 18,262 |
| Total assets | \$456,300 | \$440,499 |
| Liabilities and shareholders' equity |  |  |
| Commercial paper and other short-term borrowings | \$ 13,899 | \$ 5,968 |
| Accrued expenses and other liabilities | 22,803 | 19,204 |
| Payables to subsidiaries: |  |  |
| Bank holding companies and related subsidiaries | 4,241 | 363 |
| Nonbank companies and related subsidiaries | 513 | 632 |
| Long-term debt | 186,596 | 182,888 |
| Shareholders' equity | 228,248 | 231,444 |
| Total liabilities and shareholders' equity | \$456,300 | \$440,499 |

## Condensed Statement of Cash Flows

| (Dollars in millions) | 2010 | 2009 | 2008 |
| :---: | :---: | :---: | :---: |
| Operating activities |  |  |  |
| Net income (loss) | \$ $(2,238)$ | \$ 6,276 | \$ 4,008 |
| Reconciliation of net income (loss) to net cash provided by operating activities: |  |  |  |
| Equity in undistributed (earnings) losses of subsidiaries | 4,702 | $(2,076)$ | 12,715 |
| Other operating activities, net | (996) | 4,400 | (598) |
| Net cash provided by operating activities | 1,468 | 8,600 | 16,125 |
| Investing activities |  |  |  |
| Net (purchases) sales of securities | 5,972 | 3,729 | (12,142) |
| Net payments from (to) subsidiaries | 3,531 | $(25,437)$ | 2,490 |
| Other investing activities, net | 2,592 | (17) | 43 |
| Net cash provided by (used in) investing activities | 12,095 | $(21,725)$ | (9,609) |
| Financing activities |  |  |  |
| Net increase (decrease) in commercial paper and other short-term borrowings | 8,052 | $(20,673)$ | (14,131) |
| Proceeds from issuance of long-term debt | 29,275 | 30,347 | 28,994 |
| Retirement of long-term debt | $(27,176)$ | $(20,180)$ | (13,178 |
| Proceeds from issuance of preferred stock | - | 49,244 | 34,742 |
| Repayment of preferred stock | - | $(45,000)$ | - |
| Proceeds from issuance of common stock | - | 13,468 | 10,127 |
| Cash dividends paid | $(1,762)$ | $(4,863)$ | (11,528) |
| Other financing activities, net | 3,280 | 4,149 | 5,030 |
| Net cash provided by financing activities | 11,669 | 6,492 | 40,056 |
| Net increase (decrease) in cash held at bank subsidiaries | 25,232 | $(6,633)$ | 46,572 |
| Cash held at bank subsidiaries at January 1 | 91,892 | 98,525 | 51,953 |
| Cash held at bank subsidiaries at December 31 | \$117,124 | \$ 91,892 | \$ 98,525 |

## NOTE 28 Performance by Geographical Area

Since the Corporation's operations are highly integrated, certain asset, liability, income and expense amounts must be allocated to arrive at total assets, total revenue, net of interest expense, income (loss) before income taxes and net income (loss) by geographic area. The Corporation identifies its geographic performance based on the business unit structure used to manage the capital or expense deployed in the region as applicable. This requires certain judgments related to the allocation of revenue so that revenue can be appropriately matched with the related expense or capital deployed in the region.

| (Dollars in millions) | Year | December 31 | Year Ended December 31 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total Assets ${ }^{(1)}$ | Total <br> Revenue, Net of Interest Expense | Income (Loss) Before Income Taxes | Net Income (Loss) |
| U.S. ${ }^{(3)}$ | 2010 | \$ 1,954,517 | \$ 88,679 | \$ $(5,370)$ | \$(4,511) |
|  | 2009 | 1,847,165 | 98,278 | $(6,901)$ | $(1,025)$ |
|  | 2008 |  | 67,549 | 3,289 | 3,254 |
| Asia ${ }^{(4)}$ | 2010 | 106,186 | 6,115 | 1,380 | 869 |
|  | 2009 | 118,921 | 10,685 | 8,096 | 5,101 |
|  | 2008 |  | 1,770 | 1,207 | 761 |
| Europe, Middle East and Africa | 2010 | 186,045 | 12,369 | 1,273 | 525 |
|  | 2009 | 239,374 | 9,085 | 2,295 | 1,652 |
|  | 2008 |  | 3,020 | (456) | (252) |
| Latin America and the Caribbean | 2010 | 18,161 | 3,057 | 1,394 | 879 |
|  | 2009 | 24,772 | 1,595 | 870 | 548 |
|  | 2008 |  | 443 | 388 | 245 |
| Total Non-U.S. | 2010 | 310,392 | 21,541 | 4,047 | 2,273 |
|  | 2009 | 383,067 | 21,365 | 11,261 | 7,301 |
|  | 2008 |  | 5,233 | 1,139 | 754 |
| Total Consolidated | 2010 | \$ 2,264,909 | \$110,220 | \$ $(1,323)$ | \$(2,238) |
|  | 2009 | 2,230,232 | 119,643 | 4,360 | 6,276 |
|  | 2008 |  | 72,782 | 4,428 | 4,008 |

[^25]There were no material intercompany revenues between geographic regions for any of the periods presented.
${ }^{\text {3) }}$ Includes the Corporation's Canadian operations, which had total assets of $\$ 16.1$ billion and $\$ 31.1$ billion at December 31, 2010 and 2009; total revenue, net of interest expense of $\$ 1.5$ billion, $\$ 2.5$ billion and $\$ 1.2$ billion; income before income taxes of $\$ 459$ million, $\$ 723$ million and $\$ 552$ million; and net income of $\$ 328$ million, $\$ 488$ million and $\$ 404$ million for 2010, 2009 and 2008, respectively.
${ }^{(4)}$ The year ended December 31, 2009 amount includes pre-tax gains of $\$ 7.3$ billion ( $\$ 4.6$ billion net-oftax) on the sale of common shares of the Corporation's initial investment in CCB

## Disclosure Controls and Procedures

Bank of America Corporation and Subsidiaries

As of the end of the period covered by this report and pursuant to Rule 13a-15 of the Securities Exchange Act of 1934 (Exchange Act), Bank of America's management, including the Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness and design of our disclosure controls and procedures (as that term is defined in Rule 13a-15(e) of the Exchange Act). Based upon that evaluation, Bank of America's Chief Executive

Officer and Chief Financial Officer concluded that Bank of America's disclosure controls and procedures were effective, as of the end of the period covered by this report, in recording, processing, summarizing and reporting information required to be disclosed, within the time periods specified in the SEC's rules and forms.

## Report of Independent Registered Public Accounting Firm <br> Bank of America Corporation and Subsidiaries

## To the Board of Directors of Bank of America Corporation:

We have examined, based on criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission, Bank of America Corporation's (the "Corporation") assertion, included under Item 9A of this Annual Report on Form 10-K, that the Corporation's disclosure controls and procedures were effective as of December 31, 2010 ("Management's Assertion"). Disclosure controls and procedures mean controls and other procedures of an issuer that are designed to ensure that information required to be disclosed by an issuer in reports that it files or submits under the Securities Exchange Act of 1934 is recorded, processed, summarized, and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, and that information required to be disclosed by an issuer in reports that it files or submits under the Securities Exchange Act of 1934 is accumulated and communicated to the issuer's management, including its principal executive and principal financial officer, or persons performing similar functions, as appropriate, to allow timely decisions regarding required disclosure. The Corporation's management is responsible for maintaining effective disclosure controls and procedures and for Management's Assertion of the effectiveness of its disclosure controls and procedures. Our responsibility is to express an opinion on Management's Assertion based on our examination.

There are inherent limitations to disclosure controls and procedures. Because of these inherent limitations, effective disclosure controls and procedures can only provide reasonable assurance of achieving the intended objectives. Disclosure controls and procedures may not prevent, or detect and correct, material misstatements, and they may not identify all information relating to the Corporation to be accumulated and communicated to the Corporation's management to allow timely decisions regarding required disclosures. Also, projections of any evaluation of effectiveness to future periods
are subject to the risk that disclosure controls and procedures may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

We conducted our examination in accordance with attestation standards established by the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the examination to obtain reasonable assurance about whether effective disclosure controls and procedures were maintained in all material respects. Our examination included obtaining an understanding of the Corporation's disclosure controls and procedures and testing and evaluating the design and operating effectiveness of the Corporation's disclosure controls and procedures based on the assessed risk. Our examination also included performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination was not conducted for the purpose of expressing an opinion, and accordingly we express no opinion, on the accuracy or completeness of the Corporation's disclosures in its reports, or whether such disclosures comply with the rules and regulations adopted by the Securities and Exchange Commission.

In our opinion, Management's Assertion that the Corporation's disclosure controls and procedures were effective as of December 31, 2010 is fairly stated, in all material respects, based on criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission.

## Pricewaterhonseloopers LLP

Charlotte, North Carolina
February 25, 2011

## Executive Management Team and Board of Directors

Bank of America Corporation

## Executive Management Team

Brian T. Moynihan*
Chief Executive Officer
Catherine P. Bessant
Global Technology and
Operations Executive
David C. Darnell*
President, Global Commercial Banking

Barbara J. Desoer*
President, Bank of America Home Loans and Insurance

## Anne M. Finucane

Global Strategy and
Marketing Officer
Sallie L. Krawcheck*
President, Global Wealth and Investment Management

Terrence P. Laughlin*
Legacy Asset Servicing Executive
Thomas K. Montag*
President, Global Banking and Markets

Charles H. Noski*
Executive Vice President and Chief Financial Officer

Edward P. O’Keefe*
General Counsel
Joe L. Price*
President, Consumer and Small
Business Banking
Andrea B. Smith
Global Head of Human Resources
Bruce R. Thompson*
Chief Risk Officer

Board of Directors
Charles O. Holliday, Jr.
Chairman of the Board Bank of America Corporation

Susan S. Bies
Former Member
Board of Governors of the Federal Reserve System

William P. Boardman**
Retired Vice Chairman
Banc One Corporation
Retired Chairman of the Board Visa Internationa

Frank P. Bramble, Sr.
Former Executive Officer
MBNA Corporation
Virgis W. Colbert
Senior Advisor MillerCoors Company

Charles K. Gifford
Former Chairman Bank of America Corporation
D. Paul Jones, Jr.

Former Chairman, Chief Executive Officer and President Compass Bancshares, Inc.

Monica C. Lozano
Chief Executive Officer
ImpreMedia, LLC
Thomas J. May
Chairman, President and Chief Executive Officer NSTAR

Brian T. Moynihan
Chief Executive Officer Bank of America Corporation

Donald E. Powell
Former Chairman
Federal Deposit Insurance
Corporation
Charles O. Rossotti
Senior Advisor
The Carlyle Group
Robert W. Scully
Former Member Office of the Chairman Morgan Stanley

[^26]
## Corporate Information

## Bank of America Corporation

## Headquarters

The principal executive offices of Bank of America Corporation (the Corporation) are located in the Bank of America Corporate Center, 100 North Tryon Street, Charlotte, NC 28255.

## 2011 Annual Meeting

The Corporation's 2011 annual meeting of shareholders will be held at 10 a.m. local time on May 11, 2011, in the auditorium of 1 Bank of America Center, 150 North College Street, Charlotte, NC.

## Stock Listing

The Corporation's common stock is listed on the New York Stock Exchange (NYSE) under the symbol BAC. The Corporation's common stock is also listed on the London Stock Exchange, and certain shares are listed on the Tokyo Stock Exchange. The stock is typically listed as BankAm in newspapers. As of February 15, 2011, there were 247,064 registered holders of the Corporation's common stock.

## Investor Relations

Analysts, portfolio managers and other investors seeking additional information about Bank of America stock should contact our Equity Investor Relations group at 1.704.386.5681. For additional information about Bank of America from a credit perspective, including debt and preferred securities, contact our Fixed Income Investor Relations group at 1.866.607.1234 or Fixedincomeir@bankofamerica.com. Visit the Investor Relations area of the Bank of America website, http://investor.bankofamerica.com, for stock and dividend information, financial news releases, links to Bank of America SEC filings, electronic versions of our annual reports and other items of interest to the Corporation's shareholders.

## Customers

For assistance with Bank of America products and services, call 1.800.432.1000, or visit the Bank of America website at www.bankofamerica.com. Additional toll-free numbers for specific products and services are listed on our website at www.bankofamerica.com/contact.

## News Media

News media seeking information should visit our online newsroom at www.bankofamerica.com/newsroom for news releases, speeches and other items relating to the Corporation, including a complete list of the Corporation's media relations specialists grouped by business specialty or geography.

## Annual Report on Form 10-K

The Corporation's 2010 Annual Report on Form 10-K is available at http://investor.bankofamerica.com. The Corporation also will provide a copy of the 2010 Annual Report on Form 10-K (without exhibits) upon written request addressed to:
Bank of America Corporation
Shareholder Relations Department
NC1-027-20-05
Hearst Tower, 214 North Tryon Street
Charlotte, NC 28255

## Shareholder Inquiries

For inquiries concerning dividend checks, electronic deposit of dividends, dividend reinvestment, tax statements, electronic delivery, transferring ownership, address changes or lost or stolen stock certificates, contact Bank of America Shareholder Services at Computershare Trust Company, N.A. via Internet access at www.computershare.com/bac; call 1.800.642.9855; or write to P.O. Box 43078, Providence, RI 02940-3078. For general inquiries regarding your shareholder account, contact Shareholder Relations at 1.800.521.3984. Shareholders outside of the United States and Canada may call 1.781.575.2621.

## Electronic Delivery

As part of our commitment to the environment, Bank of America is working to reduce paper consumption. In 2010, Bank of America delivered more than 285 million digital correspondences through Online Banking and other channels. We also eliminated approximately three million pounds of envelopes through the successful implementation of Deposit Image ATMs. Customers can sign up to receive online statements through their Bank of America or Merrill Lynch account website. Shareholders can join our efforts by electing to receive an electronic copy of the Annual Report and Proxy materials. If you have an account maintained in your name at Computershare Investor Services, you may sign up for this service at www.computershare.com/bac. If your shares are held by a broker, bank or other nominee you may elect to receive an electronic copy of the annual report and proxy materials online at www.proxyvote.com, or contact your broker.

Bank of America Corporation ("Bank of America") is a financial holding company that, through its subsidiaries and affiliated companies, provides banking and nonbanking financial services. Global Wealth \& Investment Management is a division of Bank of America Corporation ("BAC"). Merrill Lynch Wealth Management, Merrill Edge ${ }^{T M}$, U.S. Trust, Bank of America Merrill Lynch and BofA ${ }^{T M}$ Global Capital Management are affiliated sub-divisions within Global Wealth \& Investment Management. Merrill Lynch Wealth Management makes available products and services offered by Merrill Lynch, Pierce, Fenner \& Smith Incorporated ("MLPF\&S") and other subsidiaries of BAC. Merrill Edge ${ }^{T M}$ is the marketing name for two businesses: Merrill Edge Advisory Center, which offers team-based advice and guidance brokerage services; and a self-directed online investing platform. U.S. Trust, Bank of America Private Wealth Management operates through Bank of America, N.A., and other subsidiaries of BAC. Bank of America Merrill Lynch is a marketing name for the Retirement \& Philanthropic Services businesses of BAC. BofA ${ }^{\text {TM }}$ Global Capital Management Group, LLC ("BofA Global Capital Management"), is an asset management division of BAC. BofA Global Capital Management entities furnish investment management services and products for institutional and individual investors.

Banking products are provided by Bank of America, N.A., and affiliated banks, Members FDIC and wholly owned subsidiaries of BAC.

| Investment Products: | Are Not FDIC Insured | Are Not Bank Guaranteed | May Lose Value |
| :--- | :--- | :--- | :--- |

MLPF\&S is a registered broker-dealer, member SIPC and a wholly owned subsidiary of BAC.
Case studies presented herein are intended to illustrate brokerage and banking products and services available at Merrill Lynch, U.S. Trust, and Bank of America, N.A. You should not consider these as an endorsement of Merrill Lynch as an investment adviser or as a testimonial about a client's experiences with Merrill Lynch as an investment adviser. Case Studies do not necessarily represent the experiences of other clients, nor do they indicate future performance. Investment results may vary. The investment strategies discussed are not appropriate for every investor and should be considered given a person's investment objectives, financial situation and particular needs.


[^0]:    ${ }^{(1)}$ Includes U.S. small business commercial charge-offs of $\$ 2.0$ billion and $\$ 3.0$ billion in 2010 and 2009.
    ${ }^{(2)}$ Includes U.S. small business commercial recoveries of $\$ 107$ million and $\$ 65$ million in 2010 and 2009.
     Corporation's U.S. Credit Card Securitization Trust and retained by the Corporation.
     positions. All other amounts represent primarily accretion of the Merrill Lynch purchase accounting adjustment and the impact of funding previously unfunded positions.
    $\mathrm{n} / \mathrm{a}=$ not applicable

[^1]:     unallocated change in rate or volume variance is allocated between the rate and volume variances
     consistent with the balance sheet presentation of these deposits. Net interest income is calculated excluding these fees.

[^2]:    ${ }^{1)}$ Dividends are cumulative.
    (2) Dividends per depositary share, each representing a $1 / 1000$ th interest in a share of preferred stock.
    ${ }^{(3)}$ Initially pays dividends semi-annually.
    ${ }^{(4)}$ Dividends per depositary share, each representing a $1 / 25$ th interest in a share of preferred stock.

[^3]:    ${ }^{(5)}$ Dividends per depositary share, each representing a 1/1200th interest in a share of preferred stock.
    ${ }^{(6)}$ Dividends per depositary share, each representing a $1 / 40$ th interest in a share of preferred stock.
    ${ }^{(7)}$ All of the outstanding shares of the preferred stock of Merrill Lynch \& Co., Inc. converted into 31 million shares of common stock on October 15, 2010
    ${ }^{(8)}$ All of the outstanding shares of the preferred stock of Merrill Lynch \& Co., Inc. converted into 19 million shares of common stock on October $15,2010$.

[^4]:    ${ }^{(1)}$ Includes U.S. small business commercial charge-offs of $\$ 2.0$ billion, $\$ 3.0$ billion, $\$ 2.0$ billion, $\$ 931$ million and $\$ 424$ million in 2010, 2009, 2008, 2007 and 2006, respectively.

[^5]:    ${ }^{(1)}$ Loan maturities are based on the remaining maturities under contractual terms.
    ${ }^{(2)}$ Includes loans accounted for under the fair value option.
    ${ }^{(3)}$ Loan maturities include other consumer, commercial real estate and non-U.S. commercial loans.

[^6]:    ${ }^{(1)}$ Excludes merger and restructuring charges and goodwill impairment charges.

[^7]:    For footnotes, see page 134.

[^8]:    ${ }^{(1)}$ Maximum payout/notional for credit-related notes is the same as these amounts.

[^9]:    ${ }^{(1)}$ Represents the range of inputs/assumptions based upon the underlying collateral.
    ${ }^{(2)}$ The value of a variable below which the indicated percentile of observations will fall.

[^10]:     loans and leases which are accounted for under the fair value option.
    ${ }^{(2)}$ Commercial impaired allowance for loan and lease losses includes $\$ 445$ million related to U.S. small business commercial renegotiated TDR loans.
    ${ }^{(3)}$ Outstanding loan and lease balances and ratios do not include loans accounted for under the fair value option. Loans accounted for under the fair value option were $\$ 3.3$ billion at December $31,2010$. $\mathrm{n} / \mathrm{a}=$ not applicable

[^11]:     Obligations and Corporate Guarantees.
    
    ${ }^{(3)}$ Principal balance outstanding includes loans the Corporation transferred with which the Corporation has continuing involvement, which may include servicing the loans.

[^12]:    ${ }^{(1)}$ December 31, 2010 includes $\$ 1.7$ billion in claims contained in correspondence from private-label securitizations investors that do not have the right to demand repurchase of loans directly or the right to access loan files. The inclusion of these claims in the amounts noted does not mean that the Corporation believes these claims have satisfied the contractual thresholds to direct the securitization trustee to take action or are otherwise procedurally or substantively valid.

[^13]:    ${ }^{(1)}$ Notes were issued in British Pound. Presentation currency is U.S. Dollar.

[^14]:    ${ }^{1)}$ Amounts shown are before third-party issuance costs and other Merrill Lynch purchase accounting related adjustments of $\$ 335$ million.
    ${ }^{(2)}$ Series B Preferred Stock does not have early redemption/call rights.
    ${ }^{(3)}$ The Corporation may redeem series of preferred stock on or after the redemption date, in whole or in part, at its option, at the liquidation preference plus declared and unpaid dividends.
    ${ }^{(4)}$ Ownership is held in the form of depositary shares, each representing a $1 / 1200$ th interest in a share of preferred stock, paying a quarterly cash dividend, if and when declared.
    ${ }^{5}$ ) Subject to $3.00 \%$ minimum rate per annum.
    (6) Subject to $4.00 \%$ minimum rate per annum.
    ${ }^{(7)}$ Ownership is held in the form of depositary shares, each representing a $1 / 40$ th interest in a share of preferred stock, paying a quarterly cash dividend, if and when declared.
    ${ }^{(8)}$ Ownership is held in the form of depositary shares, each representing a $1 / 1000$ th interest in a share of preferred stock, paying a quarterly cash dividend, if and when declared.
     dividend, if and when declared, thereafter.
    $\mathrm{n} / \mathrm{a}=$ not applicable

[^15]:    ${ }^{1)}$ All tax years subsequent to the years shown remain open to examination.
    ${ }^{(2)}$ The 2001-2002 years in Appeals process relate to the separate returns of a subsidiary.

[^16]:    ${ }^{1)}$ The U.K. NOL may be carried forward indefinitely. Due to change-in-control limitations in the three years prior to and following the change in ownership, this unlimited carryforward period may be jeopardized by certain major changes in the nature or conduct of the U.K. businesses.
    ${ }^{(2)}$ The NOL and related valuation allowance for U.S. states before considering the benefit of federal deductions were $\$ 3.4$ billion and $\$ 1.3$ billion.

[^17]:    ${ }^{(1)}$ Gross transfers between Level 1 and Level 2 were approximately $\$ 1.3$ billion during the year ended December 31, 2010.
    ${ }^{(2)}$ Amounts represent the impact of legally enforceable master netting agreements and also cash collateral held or placed with the same counterparties
    ${ }^{(3)}$ For further disaggregation of derivative assets and liabilities, see Note 4 - Derivatives.

[^18]:    ${ }^{(1)}$ Amounts represent the impact of legally enforceable master netting agreements and also cash collateral held or placed with the same counterparties.

[^19]:    ${ }^{1)}$ Assets (liabilities). For assets, increase / (decrease) to Level 3 and for liabilities, (increase) / decrease to Level 3 .
    ${ }^{(2)}$ Net derivatives at December 31, 2008 include derivative assets of $\$ 8.3$ billion and derivative liabilities of $\$ 6.0$ billion.
    ${ }^{(3)}$ Amounts represent items which are accounted for under the fair value option.

[^20]:    ${ }^{1)}$ Mortgage banking income does not reflect the impact of Level 1 and Level 2 hedges on MSRs.
    ${ }^{(2)}$ Amounts represent items which are accounted for under the fair value option.

[^21]:    ${ }^{(1)}$ Mortgage banking income does not reflect the impact of Level 1 and Level 2 hedges on MSRs.
    ${ }^{(2)}$ Amounts represent items which are accounted for under the fair value option.

[^22]:    ${ }^{(1)}$ Mortgage banking income does not reflect the impact of Level 1 and Level 2 hedges on MSRs.
    ${ }^{(2)}$ Amounts represent items which are accounted for under the fair value option.

[^23]:    ${ }^{(1)}$ There were no material intersegment revenues.
    ${ }^{(2)} 2010$ is presented in accordance with new consolidation guidance. 2009 and 2008 Global Card Services results are presented on a managed basis with a corresponding offset recorded in All Other
    ${ }^{\text {(3) }}$ FTE basis

[^24]:    ${ }^{1)}$ Provision for credit losses in Global Card Services is presented on a managed basis with the securitization offset in All Other.
    ${ }^{2)}$ The securitization impact/offset to net interest income is on a funds transfer pricing methodology consistent with the way funding costs are allocated to the businesses.
    ${ }^{\text {(3) }}$ FTE basis

[^25]:    ${ }^{11}$ Total assets include longlived assets, which are primarily located in the U.S.

[^26]:    *Executive Officer
    **Not standing for reelection at the 2011 Annual Meeting

