## UNITED STATES

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 10-Q

(Mark One)[ü] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIESEXCHANGE ACT OF 1934
For the Quarterly Period Ended September 30, 2008
or[ ] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIESEXCHANGE ACT OF 1934
For the transition period from ..... to
Commission file number:
1-6523
Exact Name of Registrant as Specified in its Charter:
Bank of America Corporation
State or Other Jurisdiction of Incorporation or Organization:
Delaware
IRS Employer Identification Number:
56-0906609
Address of Principal Executive Offices:
Bank of America Corporate Center
100 N. Tryon Street

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Charlotte, North Carolina 28255

Registrant $s$ telephone number, including area code:
(704) 386-5681

## Former name, former address and former fiscal year, if changed since last report:

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

## Yes ü No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule $12 \mathrm{~b}-2$ of the Exchange Act.

Large accelerated filer $\ddot{u} \quad$ Accelerated filer
Non-accelerated filer $\quad$ Smaller reporting company
(do not check if a
smaller reporting
company)

Indicate by check mark whether the registrant is a shell company (as defined in Exchange Act Rule 12b-2).

## Yes No ü

On October 31, 2008, there were 5,017,579,321 shares of Bank of America Corporation Common Stock outstanding.

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## Bank of America Corporation

September 30, 2008 Form 10-Q

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## Part 1. Financial Information

Item 1. Financial Statements
Bank of America Corporation and Subsidiaries
Consolidated Statement of Income

| (Dollars in millions, except per share information) | Three Months Ended September 30 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Interest income |  |  |  |  |  |  |  |  |
| Interest and fees on loans and leases | \$ | 14,261 | \$ | 14,111 | \$ | 41,797 | \$ | 40,318 |
| Interest on debt securities |  | 3,621 |  | 2,334 |  | 9,295 |  | 7,046 |
| Federal funds sold and securities purchased under agreements to resell |  | 912 |  | 1,839 |  | 2,920 |  | 5,974 |
| Trading account assets |  | 2,344 |  | 2,519 |  | 6,937 |  | 7,059 |
| Other interest income |  | 1,058 |  | 1,230 |  | 3,133 |  | 3,428 |
| Total interest income |  | 22,196 |  | 22,033 |  | 64,082 |  | 63,825 |
| Interest expense |  |  |  |  |  |  |  |  |
| Deposits |  | 3,846 |  | 4,545 |  | 11,954 |  | 12,840 |
| Short-term borrowings |  | 3,223 |  | 5,519 |  | 10,452 |  | 16,369 |
| Trading account liabilities |  | 661 |  | 906 |  | 2,250 |  | 2,619 |
| Long-term debt |  | 2,824 |  | 2,446 |  | 7,172 |  | 6,721 |
| Total interest expense |  | 10,554 |  | 13,416 |  | 31,828 |  | 38,549 |
| Net interest income |  | 11,642 |  | 8,617 |  | 32,254 |  | 25,276 |
| Noninterest income |  |  |  |  |  |  |  |  |
| Card income |  | 3,122 |  | 3,595 |  | 10,212 |  | 10,486 |
| Service charges |  | 2,722 |  | 2,221 |  | 7,757 |  | 6,493 |
| Investment and brokerage services |  | 1,238 |  | 1,378 |  | 3,900 |  | 3,720 |
| Investment banking income |  | 474 |  | 389 |  | 1,645 |  | 1,801 |
| Equity investment income (loss) |  | (316) |  | 904 |  | 1,330 |  | 3,747 |
| Trading account profits (losses) |  | (384) |  | $(1,388)$ |  | $(1,810)$ |  | 491 |
| Mortgage banking income |  | 1,674 |  | 155 |  | 2,564 |  | 516 |
| Insurance premiums |  | 678 |  | 235 |  | 1,092 |  | 548 |
| Gains on sales of debt securities |  | 10 |  | 7 |  | 362 |  | 71 |
| Other income (loss) |  | $(1,239)$ |  | (16) |  | $(2,204)$ |  | 880 |
| Total noninterest income |  | 7,979 |  | 7,480 |  | 24,848 |  | 28,753 |
| Total revenue, net of interest expense |  | 19,621 |  | 16,097 |  | 57,102 |  | 54,029 |
| Provision for credit losses |  | 6,450 |  | 2,030 |  | 18,290 |  | 5,075 |
| Noninterest expense |  |  |  |  |  |  |  |  |
| Personnel |  | 5,198 |  | 4,169 |  | 14,344 |  | 13,931 |
| Occupancy |  | 926 |  | 754 |  | 2,623 |  | 2,211 |
| Equipment |  | 440 |  | 336 |  | 1,208 |  | 1,018 |
| Marketing |  | 605 |  | 552 |  | 1,813 |  | 1,644 |
| Professional fees |  | 424 |  | 258 |  | 1,071 |  | 770 |
| Amortization of intangibles |  | 464 |  | 429 |  | 1,357 |  | 1,209 |
| Data processing |  | 755 |  | 463 |  | 1,905 |  | 1,372 |
| Telecommunications |  | 288 |  | 255 |  | 814 |  | 750 |
| Other general operating |  | 2,313 |  | 1,411 |  | 4,818 |  | 3,940 |
| Merger and restructuring charges |  | 247 |  | 84 |  | 629 |  | 270 |
| Total noninterest expense |  | 11,660 |  | 8,711 |  | 30,582 |  | 27,115 |
| Income before income taxes |  | 1,511 |  | 5,356 |  | 8,230 |  | 21,839 |
| Income tax expense |  | 334 |  | 1,658 |  | 2,433 |  | 7,125 |
| Net income | \$ | 1,177 | \$ | 3,698 | \$ | 5,797 | \$ | 14,714 |
| Preferred stock dividends |  | 473 |  | 43 |  | 849 |  | 129 |

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| Net income available to common shareholders | \$ | 704 | \$ | 3,655 | \$ | 4,948 | \$ | 14,585 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per common share information |  |  |  |  |  |  |  |  |
| Earnings | \$ | 0.15 | \$ | 0.83 | \$ | 1.11 | \$ | 3.30 |
| Diluted earnings |  | 0.15 |  | 0.82 |  | 1.10 |  | 3.25 |
| Dividends paid |  | 0.64 |  | 0.64 |  | 1.92 |  | 1.76 |
| Average common shares issued and outstanding (in thousands) |  | 4,543,963 |  | 4,420,616 |  | 4,469,517 |  | 4,424,269 |
| Average diluted common shares issued and outstanding (in thousands) |  | 4,563,508 |  | 4,475,917 |  | 4,493,506 |  | 4,483,465 |
| See accompanying Notes to Consolidated Financial Stateme |  |  |  |  |  |  |  |  |

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| Bank of America Corporation and Subsidiaries Consolidated Balance Sheet |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  | $\begin{gathered} \text { ptember } 30 \\ 2008 \end{gathered}$ |  | cember 31 $2007$ |
| Assets |  |  |  |  |
| Cash and cash equivalents | \$ | 39,341 | \$ | 42,531 |
| Time deposits placed and other short-term investments |  | 11,709 |  | 11,773 |
| Federal funds sold and securities purchased under agreements to resell (includes \$2,636 and \$2,578 |  |  |  |  |
| Trading account assets (includes \$134,775 and \$88,745 pledged as collateral) |  | 174,859 |  | 162,064 |
| Derivative assets |  | 45,792 |  | 34,662 |
| Debt securities: |  |  |  |  |
| Available-for-sale (includes \$120,113 and \$107,440 pledged as collateral) |  | 257,427 |  | 213,330 |
| Held-to-maturity, at cost (fair value - \$1,250 and \$726) |  | 1,250 |  | 726 |
| Total debt securities |  | 258,677 |  | 214,056 |
| Loans and leases (includes \$5,383 and \$4,590 measured at fair value and \$167,728 and \$115,285 pledged |  |  |  |  |
| Allowance for loan and lease losses |  | $(20,346)$ |  | $(11,588)$ |
| Loans and leases, net of allowance |  | 922,330 |  | 864,756 |
| Premises and equipment, net |  | 13,000 |  | 11,240 |
| Mortgage servicing rights (includes \$20,811 and \$3,053 measured at fair value) |  | 21,131 |  | 3,347 |
| Goodwill |  | 81,756 |  | 77,530 |
| Intangible assets |  | 9,167 |  | 10,296 |
| Loans held-for-sale (includes \$15,610 and \$15,765 measured at fair value) |  | 27,414 |  | 34,424 |
| Other assets (includes \$26,499 and \$25,323 measured at fair value) |  | 138,963 |  | 119,515 |
| Total assets | \$ | 1,831,177 |  | 1,715,746 |
| Liabilities |  |  |  |  |
| Deposits in domestic offices: |  |  |  |  |
| Noninterest-bearing | \$ | 201,025 | \$ | 188,466 |
| Interest-bearing (includes \$1,737 and \$2,000 measured at fair value) |  | 577,503 |  | 501,882 |
| Deposits in foreign offices: |  |  |  |  |
| Noninterest-bearing |  | 3,524 |  | 3,761 |
| Interest-bearing |  | 91,999 |  | 111,068 |
| Total deposits |  | 874,051 |  | 805,177 |
| Federal funds purchased and securities sold under agreements to repurchase |  | 225,729 |  | 221,435 |
| Trading account liabilities |  | 68,229 |  | 77,342 |
| Derivative liabilities |  | 26,466 |  | 22,423 |
| Commercial paper and other short-term borrowings |  | 145,812 |  | 191,089 |
| Accrued expenses and other liabilities (includes $\mathbf{\$ 1 , 8 5 4}$ and $\$ 660$ measured at fair value and $\$ 427$ and $\$ 518$ of reserve for unfunded lending commitments) |  | 72,141 |  | 53,969 |
| Long-term debt |  | 257,710 |  | 197,508 |
| Total liabilities |  | 1,670,138 |  | 1,568,943 |

Commitments and contingencies (Note 9 Variable Interest Entities and Note 12 Commitments and Contingencies)

| Shareholders equity |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Preferred stock, \$0.01 par value; authorized | 100,000,000 shares; issued and outstanding | 7,602,067 and | 24,151 |  | 4,409 |
| 185,067 shares |  |  |  |  |  |
| Common stock and additional paid-in capital, outstanding $\mathbf{4 , 5 6 2 , 0 5 4 , 5 5 4}$ and 4,437,885,419 | $\$ 0.01$ par value; authorized $\quad 7,500,000,000$ 9 shares | 7,500,000,000 shares; issued and |  | 65,361 | 60,328 |
| Retained earnings |  |  |  | 77,695 | 81,393 |
| Accumulated other comprehensive income (los |  |  |  | $(5,647)$ | 1,129 |
| Other |  |  |  | (521) | (456) |
| Total shareholders equity |  |  |  | 161,039 | 146,803 |
| Total liabilities and shareholders equity |  |  | \$ | 1,831,177 | \$ 1,715,746 |
| See accompanying Notes to Consolidated Financial S | Statements. |  |  |  |  |

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${ }^{(1)}$ Amounts shown are net-of-tax. For additional information on accumulated OCI, see Note 13 Shareholders Equity and Earnings Per Common Share to the Consolidated Financial Statements.
${ }^{(2)}$ Effective January 1, 2007, the Corporation adopted FSP 13-2, SFAS 157, SFAS 159 and FIN 48. For additional information on the adoption of these accounting pronouncements, see Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

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Bank of America Corporation and Subsidiaries Consolidated Statement of Cash Flows

| (Dollars in millions) | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2008 |  | 2007 |
| Operating activities |  |  |  |  |
| Net income | \$ | 5,797 | \$ | 14,714 |
| Reconciliation of net income to net cash provided by (used in) operating activities: |  |  |  |  |
| Provision for credit losses |  | 18,290 |  | 5,075 |
| Gains on sales of debt securities |  | (362) |  | (71) |
| Depreciation and premises improvements amortization |  | 1,074 |  | 836 |
| Amortization of intangibles |  | 1,357 |  | 1,209 |
| Deferred income tax benefit |  | $(1,429)$ |  | (213) |
| Net increase in trading and derivative instruments |  | $(13,615)$ |  | $(14,252)$ |
| Net (increase) decrease in other assets |  | 6,422 |  | $(19,157)$ |
| Net increase in accrued expenses and other liabilities |  | 13,639 |  | 7,238 |
| Other operating activities, net |  | 103 |  | 3,429 |
| Net cash provided by (used in) operating activities |  | 31,276 |  | $(1,192)$ |
| Investing activities |  |  |  |  |
| Net decrease in time deposits placed and other short-term investments |  | 64 |  | 5,135 |
| Net decrease in federal funds sold and securities purchased under agreements to resell |  | 49,163 |  | 148 |
| Proceeds from sales of available-for-sale debt securities |  | 69,218 |  | 10,956 |
| Proceeds from paydowns and maturities of available-for-sale debt securities |  | 18,825 |  | 15,231 |
| Purchases of available-for-sale debt securities |  | $(109,219)$ |  | $(7,217)$ |
| Proceeds from maturities of held-to-maturity debt securities |  | 176 |  | 547 |
| Purchases of held-to-maturity debt securities |  | (840) |  | (116) |
| Proceeds from sales of loans and leases |  | 42,209 |  | 45,058 |
| Other changes in loans and leases, net |  | $(62,464)$ |  | $(138,371)$ |
| Net purchases of premises and equipment |  | $(1,526)$ |  | $(1,318)$ |
| Proceeds from sales of foreclosed properties |  | 506 |  | 60 |
| (Acquisition) divestiture of business activities, net |  | 6,650 |  | $(3,694)$ |
| Other investing activities, net |  | (214) |  | 2,078 |
| Net cash provided by (used in) investing activities |  | 12,548 |  | $(71,503)$ |
| Financing activities |  |  |  |  |
| Net increase in deposits |  | 5,884 |  | 2,318 |
| Net decrease in federal funds purchased and securities sold under agreements to repurchase |  | $(15,398)$ |  | $(18,809)$ |
| Net increase (decrease) in commercial paper and other short-term borrowings |  | $(45,277)$ |  | 59,928 |
| Proceeds from issuance of long-term debt |  | 24,038 |  | 60,580 |
| Retirement of long-term debt |  | $(26,559)$ |  | $(23,018)$ |
| Proceeds from issuance of preferred stock |  | 19,742 |  | 550 |
| Proceeds from issuance of common stock |  | 229 |  | 1,022 |
| Common stock repurchased |  | - |  | $(3,664)$ |
| Cash dividends paid |  | $(9,495)$ |  | $(7,976)$ |
| Excess tax benefits of share-based payments |  | 34 |  | 233 |
| Other financing activities, net |  | (85) |  | (52) |
| Net cash provided by (used in) financing activities |  | $(46,887)$ |  | 71,112 |
| Effect of exchange rate changes on cash and cash equivalents |  | (127) |  | 110 |
| Net decrease in cash and cash equivalents |  | $(3,190)$ |  | $(1,473)$ |
| Cash and cash equivalents at January 1 |  | 42,531 |  | 36,429 |
| Cash and cash equivalents at September 30 | \$ | 39,341 | \$ | 34,956 |

During the nine months ended September 30, 2008, the Corporation reclassified $\$ 12.6$ billion of AFS debt securities to trading account assets in connection with the Countrywide acquisition.

The Corporation securitized $\$ 23.4$ billion of residential mortgage loans into mortgage-backed securities and $\$ 4.9$ billion of automobile loans into asset-backed securities which were retained by the Corporation during the nine months ended September 30, 2008.

The fair values of noncash assets acquired and liabilities assumed in the Countrywide acquisition were $\$ 157.6$ billion and $\$ 158.0$ billion.

Approximately 107 million shares of common stock, valued at approximately $\$ 4.2$ billion were issued in connection with the Countrywide acquisition.

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During the nine months ended September 30, 2007, the Corporation sold its operations in Chile and Uruguay for approximately $\$ 750$ million in equity in Banco Itaú Holding Financeira S.A., and its assets in BankBoston Argentina for the assumption of its liabilities. The total assets and liabilities in these divestitures were $\$ 6.1$ billion and $\$ 5.6$ billion.

On January 1, 2007, the Corporation transferred $\$ 3.7$ billion of AFS debt securities to trading account assets following the adoption of SFAS 159 .

See accompanying Notes to Consolidated Financial Statements.

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## Bank of America Corporation and Subsidiaries <br> Notes to Consolidated Financial Statements

On July 1, 2008, Bank of America Corporation and its subsidiaries (the Corporation) acquired Countrywide Financial Corporation (Countrywide) through its merger with a subsidiary of the Corporation in exchange for stock with a value of $\$ 4.2$ billion. For more information related to our Countrywide acquisition, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements. On October 1, 2007, the Corporation acquired all the outstanding shares of ABN AMRO North America Holding Company, parent of LaSalle Bank Corporation (LaSalle), for $\$ 21.0$ billion in cash. On July 1, 2007, the Corporation acquired all the outstanding shares of U.S. Trust Corporation for $\$ 3.3$ billion in cash. These mergers were accounted for under the purchase method of accounting. Consequently, Countrywide s , LaSalle s and U.S. Trust Corporation s results of operations were included in the Corporation s results from their dates of acquisition.

The Corporation, through its banking and nonbanking subsidiaries, provides a diverse range of financial services and products throughout the U.S. and in selected international markets. At September 30, 2008, the Corporation operated its banking activities primarily under four charters: Bank of America, National Association (Bank of America, N.A.), FIA Card Services, N.A., LaSalle Bank, N.A. and Countrywide Bank, FSB. Effective October 17, 2008, LaSalle Bank, N.A. merged with and into Bank of America, N.A., with Bank of America, N.A. as the surviving entity.

## NOTE 1 Summary of Significant Accounting Principles

## 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. All significant intercompany accounts and transactions have been eliminated. Results of operations of companies purchased 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. These investments are included in other assets and the Corporation s proportionate share of income or loss is included in equity investment income.

The information contained in the Consolidated Financial Statements is unaudited. In the opinion of management, normal recurring adjustments necessary for a fair statement of the interim period results have been made.

Certain prior period amounts have been reclassified to conform to current period presentation.

## Recently Proposed and Issued Accounting Pronouncements

On October 10, 2008 the Financial Accounting Standards Board (FASB) issued FASB Staff Position (FSP) No. 157-3, Determining the Fair Value of a Financial Asset When the Market for That Asset Is Not Active (FSP 157-3). FSP 157-3 clarifies how Statement of Financial Accounting Standards (SFAS) No. 157 Fair Value Measurements (SFAS 157) should be applied when valuing securities in markets that are not active. The adoption of FSP 157-3, effective September 30, 2008, did not impact the Corporation s financial condition and results of operations.

On September 15, 2008 the FASB released exposure drafts which would amend SFAS No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities a replacement of FASB Statement No. 125 (SFAS 140), and FASB Interpretation (FIN) No. 46 (revised December 2003) Consolidation of Variable Interest Entities an interpretation of ARB No. 51 (FIN 46R). As written, the proposed amendments would, among other things, eliminate the concept of a qualifying special purpose entity (QSPE) and change the standards for consolidation of variable interest entities (VIEs). The changes would be effective for both existing and newly-created entities as of January 1 , 2010. If adopted as written, the amendments would likely result in the consolidation of certain QSPEs and VIEs that are not

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currently recorded on the Consolidated Balance Sheet of the Corporation. However, the impact on the Corporation cannot be determined with any degree of certainty until the FASB issues the final amendments to SFAS 140 and FIN 46R.

On September 12, 2008, the FASB issued FSP No. 133-1 and FIN 45-4, Disclosures about Credit Derivatives and Certain Guarantees: An Amendment of FASB Statement No. 133 and FASB Interpretation No. 45; and Clarification of the Effective Date of FASB Statement No. 161 (FSP 133-1). FSP 133-1 requires expanded disclosures about credit derivatives and guarantees. The expanded disclosure requirements for FSP 133-1 are effective for the Corporation s financial statements for the year ending December 31, 2008 and earlier adoption is not permitted. The adoption of FSP 133-1 will not impact the Corporation sfinancial condition and results of operations.

On June 16, 2008, the FASB issued FSP EITF 03-6-1, Determining Whether Instruments Granted in Share-Based Payment Transactions Are Participating Securities (FSP 03-6-1). FSP 03-6-1 defines unvested share-based payment awards that contain nonforfeitable rights to dividends as participating securities that should be included in computing earnings per share (EPS) using the two-class method under SFAS No. 128,
Earnings per Share. FSP 03-6-1 is effective for the Corporation s financial statements for the year beginning on January 1, 2009 and earlier adoption is not permitted. Additionally, all prior-period EPS data shall be adjusted retrospectively. The adoption of FSP 03-6-1 is not expected to have a material impact on the Corporation s financial condition and results of operations.

On March 19, 2008, the FASB issued SFAS No. 161, Disclosures about Derivative Instruments and Hedging Activities (SFAS 161) which requires expanded qualitative, quantitative and credit-risk disclosures about derivatives and hedging activities and their effects on the Corporation s financial position, financial performance and cash flows. SFAS 161 is effective for the Corporation s financial statements for the year beginning on January 1, 2009. The adoption of SFAS 161 will not impact the Corporation s financial condition and results of operations.

On February 20, 2008, the FASB issued FSP No. FAS 140-3, Accounting for Transfers of Financial Assets and Repurchase Financing Transactions (FSP 140-3). FSP 140-3 requires that an initial transfer of a financial asset and a repurchase financing that was entered into contemporaneously with, or in contemplation of, the initial transfer be evaluated together as a linked transaction under SFAS 140, unless certain criteria are met. FSP 140-3 is effective for the Corporation s financial statements for the year beginning on January 1, 2009 and earlier adoption is not permitted. The adoption of FSP 140-3 will not have a material impact on the Corporation s financial condition and results of operations.

On December 4, 2007, the FASB issued SFAS No. 141 (revised 2007), Business Combinations (SFAS 141R). SFAS 141R modifies the accounting for business combinations and requires, with limited exceptions, the acquirer in a business combination to recognize 100 percent of the assets acquired, liabilities assumed, and any noncontrolling interest in the acquiree at the acquisition-date fair value. In addition, SFAS 141R requires the expensing of acquisition-related transaction and restructuring costs, and certain contingent assets and liabilities acquired, as well as contingent consideration, to be recognized at fair value. SFAS 141R also modifies the accounting for certain acquired income tax assets and liabilities. SFAS 141R is effective for new acquisitions consummated on or after January 1, 2009 and earlier adoption is not permitted.

On December 4, 2007, the FASB also issued SFAS No. 160, Noncontrolling Interests in Consolidated Financial Statements (SFAS 160). SFAS 160 requires all entities to report noncontrolling (i.e., minority) interests in subsidiaries as equity in the Consolidated Financial Statements and to account for transactions between an entity and noncontrolling owners as equity transactions if the parent retains its controlling financial interest in the subsidiary. SFAS 160 also requires expanded disclosure that distinguishes between the interests of the controlling owners and the interests of the noncontrolling owners of a subsidiary. SFAS 160 is effective for the Corporation sfinancial statements for the year beginning on January 1, 2009 and earlier adoption is not permitted. Management is currently evaluating the impact of the adoption of SFAS 160 on the Corporation s financial condition. The adoption of SFAS 160 will not have any impact on the Corporation s results of operations.

On January 1, 2008, the Corporation adopted the Securities and Exchange Commission s (SEC) Staff Accounting Bulletin (SAB) No. 109, Written Loan Commitments Recorded at Fair Value Through Earnings (SAB 109) for loan commitments measured at fair value through earnings which were issued or modified since adoption on a prospective basis. SAB 109 requires that the expected net future cash flows related to servicing of a loan be included in the measurement of all written loan commitments that are accounted for at fair value through earnings. The adoption of SAB 109 generally has resulted in higher fair values being recorded upon initial recognition of derivative interest rate lock commitments.

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On January 1, 2008, the Corporation adopted Emerging Issues Task Force (EITF) consensus on Issue No. 06 11, Accounting for Income Tax Benefits of Dividends on Share-Based Payment Awards (EITF 06-11) effective January 1, 2008. EITF 0611 requires on a prospective basis that the tax benefit related to dividend equivalents paid on restricted stock and restricted stock units which are expected to vest be recorded as an increase to additional paid-in capital. The adoption of EITF 0611 did not have a material impact on the Corporation sfinancial condition and results of operations.

## NOTE 2 Merger and Restructuring Activity

## Merrill Lynch

In September 2008, the Corporation announced an agreement to acquire Merrill Lynch \& Co., Inc. (Merrill Lynch) in an all-stock transaction. The transaction has been approved by the board of directors of each company. Merrill Lynch common shareholders would receive 0.8595 of a share of Bank of America Corporation common stock in exchange for one share of Merrill Lynch common stock. In addition, Merrill Lynch non-convertible preferred shareholders would receive Bank of America Corporation preferred stock having substantially identical terms. Merrill Lynch convertible preferred stock will remain outstanding and will thereafter be convertible into Bank of America common stock at an equivalent exchange ratio. The acquisition would add Merrill Lynch s more than 16,000 financial advisors and its interest in BlackRock, Inc., a publicly traded investment management company. In addition, the acquisition is expected to increase the Corporation s underwriting capabilities for debt and equity offerings, as well as its ability to advise on global mergers and acquisitions. The completion of this transaction is subject to closing conditions, and shareholder and regulatory approvals, and is expected to close on or around December 31, 2008.

## Countrywide

On July 1, 2008, the Corporation acquired Countrywide through its merger with a subsidiary of the Corporation. Under the terms of the agreement, Countrywide shareholders received 0.1822 of a share of Bank of America Corporation common stock in exchange for one share of Countrywide common stock. The acquisition of Countrywide significantly improved the Corporation s mortgage originating and servicing capabilities, while making us a leading mortgage originator and servicer.

As provided by the merger agreement, 583 million shares of Countrywide common stock were exchanged for 107 million shares of the Corporation s common stock. This represents approximately two percent of the Corporation s outstanding common stock at the date of acquisition. Countrywide shareholders also received cash of $\$ 346$ thousand in place of any fractional shares of the Corporation s common stock that would have otherwise been issued on July 1, 2008. The $\$ 2.0$ billion of Countrywide s Series B convertible preferred shares that were previously held by the Corporation were cancelled.

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The merger is being accounted for as a purchase in accordance with SFAS 141. Accordingly, the purchase price was preliminarily allocated to the acquired assets and liabilities based on their estimated fair values at the merger date as summarized below. The final allocation of the purchase price will be finalized upon completing the analysis of the fair values of Countrywide $s$ assets and liabilities.

## Countrywide Preliminary Purchase Price Allocation

| (Dollars in billions) |  |
| :--- | :---: |
| Purchase price ${ }^{(1)}$ | $\mathbf{\$}$ |
| Preliminary allocation of the purchase price | $\mathbf{4 . 2}$ |
| Countrywide stockholders equity $^{(2)}$ | 8.4 |
| Pre-tax adjustments to reflect acquired assets and liabilities at fair value: | $(9.3)$ |
| Loans $^{(3)}$ | $(0.3)$ |
| Investments in other financial instruments | $(1.5)$ |
| Mortgage servicing rights | $(0.7)$ |
| Other assets | $(0.2)$ |
| Deposits | $(1.0)$ |
| Notes payable and other liabilities | $(13.0)$ |
| Pre-tax total adjustments | 4.7 |
| Deferred income taxes | $(8.3)$ |
| After-tax total adjustments | $\mathbf{0}$ |
| Fair value of net assets acquired | $\mathbf{4 . 1}$ |
| Preliminary goodwill resulting from the Countrywide merger ${ }^{(4)}$ | $\mathbf{4 . 1}$ |

${ }^{(1)}$ The value of the shares of common stock exchanged with Countrywide shareholders was based upon the average of the closing prices of the Corporation s common stock for the period commencing two trading days before, and ending two trading days after January 11, 2008, the date of the Countrywide merger agreement.
(2) Represents the remaining Countrywide shareholders equity as of the acquisition date after the cancellation of the $\$ 2.0$ billion of Series B convertible preferred shares owned by the Corporation, as part of the merger.
(3) Represents the loan portfolio credit adjustment of $\$ 14.3$ billion less the allowance for loan and lease losses of $\$ 5.0$ billion at the acquisition date and other miscellaneous adjustments.
${ }^{(4)}$ No goodwill is expected to be deductible for federal income tax purposes. All the goodwill was allocated to Global Consumer and Small Business Banking.

## LaSalle

On October 1, 2007, the Corporation acquired all the outstanding shares of LaSalle, for $\$ 21.0$ billion in cash. As part of the acquisition, ABN AMRO Bank N.V. (the seller) capitalized approximately $\$ 6.3$ billion as equity of intercompany debt prior to the date of acquisition. With this acquisition, the Corporation significantly expanded its presence in metropolitan Chicago, Illinois and Michigan by adding LaSalle s commercial banking clients, retail customers and banking centers. LaSalle s results of operations were included in the Corporation s results beginning October 1, 2007.

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The LaSalle acquisition was accounted for under the purchase method of accounting in accordance with SFAS 141. The purchase price has been allocated to the assets acquired and the liabilities assumed based on their fair values at the LaSalle acquisition date as summarized in the following table.

| LaSalle Purchase Price Allocation <br> (Dollars in billions) |
| :--- |
| Purchase price |
|  |
| Allocation of the purchase price |
| LaSalle stockholders equity |
| LaSalle goodwill and other intangible assets |
| Adjustments to reflect assets acquired and liabilities assumed at fair value: |
| Loans and leases |
| Premises and equipment |
| Identified intangibles ${ }^{(1)}$ |
| Other assets |
| Exit and termination liabilities |
| Fair value of net assets acquired |
| Goodwill resulting from the LaSalle merger ${ }^{(2)}$ |

${ }^{(1)}$ Includes core deposit intangibles of $\$ 0.7$ billion, and other intangibles of $\$ 0.3$ billion. The amortization life for core deposit intangibles and other intangibles is 10 years. These intangibles are amortized on an accelerated basis.
(2) No goodwill is deductible for federal income tax purposes. The goodwill has been allocated across all of the Corporation $s$ business segments.

## U.S. Trust

On July 1, 2007, the Corporation acquired all the outstanding shares of U.S. Trust Corporation for $\$ 3.3$ billion in cash. The Corporation allocated $\$ 1.7$ billion to goodwill and $\$ 1.2$ billion to intangible assets as part of the purchase price allocation. U.S. Trust Corporation s results of operations were included in the Corporation s results beginning July 1, 2007. The acquisition significantly increased the size and capabilities of the Corporation $s$ wealth management business and positions it as one of the largest financial services companies managing private wealth in the U.S.

## MBNA

On January 1, 2006, the Corporation acquired 100 percent of the outstanding stock of MBNA Corporation (MBNA) and as a result, 1,260 million shares of MBNA common stock were exchanged for 631 million shares of the Corporation s common stock. MBNA shareholders also received cash of $\$ 5.2$ billion. MBNA s results of operations were included in the Corporation s results beginning January 1, 2006.

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## Merger and Restructuring Charges

Merger and restructuring charges are recorded in the Consolidated Statement of Income and include incremental costs to integrate the operations of the Corporation and those of acquired entities. These charges represent costs associated with these one-time activities and do not represent ongoing costs of the fully integrated combined organization. The following table presents severance and employee-related charges, systems integrations and related charges, and other merger-related charges for the three and nine months ended September 30, 2008 and 2007.

| (Dollars in millions) | Three Months Ended September 30Nine Months Ended September 30 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Severance and employee-related charges | \$ | 15 | \$ | 21 | \$ | 90 | \$ | 39 |
| Systems integrations and related charges |  | 186 |  | 47 |  | 431 |  | 183 |
| Other |  | 46 |  | 16 |  | 108 |  | 48 |
| Total merger and restructuring charges ${ }^{(1)}$ | \$ | 247 | \$ | 84 | \$ | 629 | \$ | 270 |

${ }^{(1)}$ Included for the three and nine months ended September 30, 2008, are merger-related charges of $\$ 72$ million for both periods related to the Countrywide merger, $\$ 159$ million and $\$ 462$ million related to the LaSalle merger and $\$ 16$ million and $\$ 95$ million related to the U.S. Trust Corporation merger.

## Merger-related Exit Cost and Restructuring Reserves

The following table presents the changes in exit cost and restructuring reserves for the three and nine months ended September 30, 2008 and 2007.

| (Dollars in millions) | Exit Cost Reserves ${ }^{(1)}$ |  |  |  | Restructuring Reserves ${ }^{(2)}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Balance, January 1 | \$ | 377 | \$ | 125 | \$ | 108 | \$ | 67 |
| Exit cost and restructuring charges: |  |  |  |  |  |  |  |  |
| LaSalle |  | 87 |  | - |  | 46 |  | - |
| U.S. Trust Corporation |  | - |  | - |  | 26 |  | - |
| MBNA |  | (2) |  | - |  | - |  | 16 |
| Cash payments |  | (112) |  | (45) |  | (67) |  | (47) |
| Balance, June 30 |  | 350 |  | 80 |  | 113 |  | 36 |
| Exit cost and restructuring charges: |  |  |  |  |  |  |  |  |
| Countrywide |  | 588 |  | - |  | 32 |  | - |
| LaSalle |  | (56) |  | - |  | (22) |  | - |
| U.S. Trust Corporation |  | - |  | 35 |  | 5 |  | 19 |
| MBNA |  | (4) |  | - |  | (3) |  | 2 |
| Cash payments |  | (203) |  | (12) |  | (50) |  | (7) |
| Balance, September 30 | \$ | 675 | \$ | 103 | \$ | 75 | \$ | 50 |

${ }^{(1)}$ Exit cost reserves were established in purchase accounting resulting in an increase in goodwill.
${ }^{(2)}$ Restructuring reserves were established by a charge to merger and restructuring charges.

As of December 31, 2007, there were $\$ 377$ million of exit cost reserves related to the MBNA, U.S. Trust Corporation and LaSalle mergers, including $\$ 187$ million for severance, relocation and other employee-related costs and $\$ 190$ million for contract terminations. During the three months ended September 30, 2008, $\$ 528$ million was added to the exit cost reserves primarily related to the Countrywide acquisition, including $\$ 453$ million for severance, relocation and other employee-related costs and $\$ 75$ million for contract terminations. The $\$ 528$ million included $\$ 56$ million in exit cost reserve adjustments related to the LaSalle acquisition primarily due to lower than expected lease terminations with the offset being recorded as a reduction to goodwill. Cash payments of $\$ 203$ million during the three months ended September 30, 2008 consisted of

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$\$ 160$ million in severance, relocation and other employee-related costs and $\$ 43$ million for contract

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terminations. During the nine months ended September 30, 2008, a net amount of $\$ 613$ million was added to the exit cost reserves related to the Countrywide, LaSalle and MBNA mergers, including $\$ 538$ million for severance, relocation and other employee-related costs and $\$ 75$ million for contract terminations. Cash payments of $\$ 315$ million during the nine months ended September 30, 2008 consisted of $\$ 260$ million in severance, relocation and other employee-related costs and $\$ 55$ million for contract terminations. As of September 30, 2008, exit cost reserves of $\$ 675$ million included $\$ 465$ million for Countrywide and $\$ 194$ million for LaSalle.

As of December 31, 2007, there were $\$ 108$ million of restructuring reserves related to the MBNA, U.S. Trust Corporation and LaSalle mergers, including $\$ 104$ million related to severance and other employee-related costs and $\$ 4$ million related to contract terminations. During the three and nine months ended September 30, 2008, $\$ 12$ million and $\$ 84$ million were added to the restructuring reserves, related to severance and other employee-related costs. Cash payments of $\$ 50$ million during the three months ended September 30, 2008 were all related to severance and other employee-related costs. Cash payments of $\$ 117$ million during the nine months ended September 30, 2008 consisted of $\$ 115$ million in severance and other employee-related costs and $\$ 2$ million in contract terminations.

Payments under exit cost and restructuring reserves associated with the MBNA merger were substantially completed in 2007 while payments associated with the U.S. Trust Corporation, LaSalle and Countrywide mergers will continue into 2009.

## NOTE 3 Trading Account Assets and Liabilities

The following table presents the fair values of the components of trading account assets and liabilities at September 30, 2008 and December 31, 2007.

| (Dollars in millions) | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ |  | December 31 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| Trading account assets |  |  |  |  |
| U.S. Government and agency securities ${ }^{(1)}$ | \$ | 87,778 | \$ | 48,240 |
| Corporate securities, trading loans, and other |  | 47,542 |  | 55,360 |
| Foreign sovereign debt |  | 14,610 |  | 17,161 |
| Equity securities |  | 14,352 |  | 22,910 |
| Mortgage trading loans and asset-backed securities |  | 10,577 |  | 18,393 |
| Total trading account assets | \$ | 174,859 | \$ | 162,064 |
| Trading account liabilities |  |  |  |  |
| U.S. Government and agency securities | \$ | 37,366 | \$ | 35,375 |
| Equity securities |  | 17,842 |  | 25,926 |
| Foreign sovereign debt |  | 7,373 |  | 9,292 |
| Corporate securities and other |  | 5,648 |  | 6,749 |
| Total trading account liabilities | \$ | 68,229 | \$ | 77,342 |

${ }^{(1)}$ Includes $\$ 56.2$ billion and $\$ 21.5$ billion at September 30, 2008 and December 31, 2007 of government-sponsored enterprise obligations.

## NOTE 4 Derivatives

All derivatives are recognized 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 or quoted prices for instruments with similar characteristics. These fair values are further adjusted to take into account the Corporation $s$ and counterparties credit risk. The Corporation designates at inception whether the derivative contract is considered hedging or non-hedging for SFAS No. 133, Accounting for Derivative Instruments and Hedging Activities (SFAS 133) accounting purposes.

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Derivatives held for trading purposes are included in derivative assets or derivative liabilities with

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changes in fair value reflected in trading account profits (losses). Other derivatives that are used as economic hedges, but not designated in a hedging relationship for accounting purposes, are also included in derivative assets or derivative liabilities with changes in fair value recorded in mortgage banking income or other income (loss). A detailed discussion of derivative trading activities and asset and liability management (ALM) activities is presented in Note 1 Summary of Significant Accounting Principles and Note 4 Derivatives to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

The following table presents the contract/notional amounts and credit risk amounts at September 30, 2008 and December 31, 2007 of all the Corporation s derivative positions. These derivative positions are primarily executed in the over-the-counter market. The credit risk amounts take into consideration the effects of legally enforceable master netting agreements, and on an aggregate basis have been reduced by the cash collateral applied against derivative assets. At September 30, 2008 and December 31, 2007, the cash collateral applied against derivative assets was $\$ 18.1$ billion and $\$ 12.8$ billion. In addition, at September 30, 2008 and December 31, 2007, the cash collateral applied against derivative liabilities was $\$ 10.0$ billion. The average fair value of derivative assets, less cash collateral, for the three months ended September 30, 2008 and December 31, 2007 was $\$ 43.7$ billion and $\$ 33.9$ billion. The average fair value of derivative liabilities, less cash collateral, for the three months ended September 30, 2008 and December 31, 2007 was $\$ 22.1$ billion and $\$ 20.7$ billion.

| (Dollars in millions) | September 30, 2008 |  | December 31, 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Contract/ <br> Notional (1) | Credit Risk | Contract/ <br> Notional (1) | Credit Risk |
| Interest rate contracts |  |  |  |  |
| Swaps | \$ 26,231,470 | \$ 22,692 | \$ 22,472,949 | \$ 15,368 |
| Futures and forwards | 4,524,377 | 276 | 2,596,146 | 10 |
| Written options | 1,655,861 | - | 1,402,626 | - |
| Purchased options | 1,681,905 | 3,009 | 1,479,985 | 2,508 |
| Foreign exchange contracts |  |  |  |  |
| Swaps | 442,839 | 5,070 | 505,878 | 7,350 |
| Spot, futures and forwards | 2,029,134 | 8,468 | 1,600,683 | 4,124 |
| Written options | 241,301 | - | 341,148 | - |
| Purchased options | 215,581 | 1,356 | 339,101 | 1,033 |
| Equity contracts |  |  |  |  |
| Swaps | 30,865 | 2,250 | 56,300 | 2,026 |
| Futures and forwards | 20,900 | 318 | 12,174 | 10 |
| Written options | 257,855 | - | 166,736 | - |
| Purchased options | 282,074 | 8,175 | 195,240 | 6,337 |
| Commodity contracts |  |  |  |  |
| Swaps | 5,019 | 974 | 13,627 | 770 |
| Futures and forwards | 11,756 | 64 | 14,391 | 12 |
| Written options | 22,455 | - | 14,206 | - |
| Purchased options | 19,335 | 390 | 13,093 | 372 |
| Credit derivatives | 2,467,386 | 10,876 | 3,046,381 | 7,493 |
| Credit risk before cash collateral |  | 63,918 |  | 47,413 |
| Less: Cash collateral applied |  | 18,126 |  | 12,751 |
| Total derivative assets |  | \$ 45,792 |  | \$ 34,662 |

[^1]
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The Corporation executes the majority of its derivative positions in the over-the-counter market with large, international financial institutions, including broker/dealers and to a lesser degree with a variety of other investors. The Corporation is subject to counterparty credit risk in the event that these counterparties fail to perform under the terms of their contracts and records valuation adjustments against the derivative assets to reflect counterparty credit risk. Substantially all of the 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 the Corporation to take additional protective measures such as early termination of all trades. Further, as discussed above, 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. During the three and nine months ended September 30, 2008, valuation adjustments of $\$ 467$ million and $\$ 1.4$ billion were recognized as trading account losses for counterparty credit risk. At September 30, 2008 the cumulative counterparty credit risk valuation adjustment that was netted against the derivative asset balance was $\$ 2.0$ billion.

In addition, the fair value of the Corporation $s$ derivative liabilities is adjusted to reflect the impact of the Corporation scredit quality. During the three and nine months ended September 30, 2008, valuation adjustments of $\$ 106$ million and $\$ 346$ million were recognized as trading account profits for changes in the Corporation s credit risk. At September 30, 2008 the Corporation s cumulative credit risk valuation adjustment that was netted against the derivative liabilities balance was $\$ 555$ million.

## Fair Value, Cash Flow and Net Investment Hedges

The Corporation uses various types of interest rate and foreign exchange derivative contracts to protect against changes in the fair value of its assets and liabilities due to fluctuations in interest rates and exchange rates (fair value hedges). The Corporation also uses these types of contracts to protect against changes in the cash flows of its assets and liabilities, and other forecasted transactions (cash flow hedges). During the next 12 months, net losses on derivative instruments included in accumulated OCI of approximately $\$ 1.5$ billion ( $\$ 947$ million after-tax) are expected to be reclassified into earnings. These net losses reclassified into earnings are expected to reduce net interest income related to the respective hedged items.

The following table summarizes certain information related to the Corporation s derivative hedges accounted for under SFAS 133 for the three and nine months ended September 30, 2008 and 2007.

| (Dollars in millions) | Three Months Ended September 30 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fair value hedges |  |  |  |  |  |  |  |  |
| Hedge ineffectiveness recognized in net interest income | \$ | (10) | \$ | 35 | \$ | (8) | \$ | (1) |
| Cash flow hedges |  |  |  |  |  |  |  |  |
| Hedge ineffectiveness recognized in net interest income |  | 1 |  | (8) |  | (7) |  | (1) |
| Net losses on transactions which are probable of not occurring recognized in other income |  | - |  | 32 |  | - |  | 18 |

The Corporation hedges its net investment in consolidated foreign operations determined to have functional currencies other than the U.S. dollar using forward foreign exchange contracts that typically settle in 90 days as well as by issuing foreign denominated debt. The Corporation recorded a net derivative gain of $\$ 1.4$ billion in accumulated OCI associated with net investment hedges for both the three and nine months ended September 30, 2008 as compared to losses of $\$ 266$ million and $\$ 568$ million for the same periods in the prior year.

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## NOTE 5 Securities

The amortized cost, gross unrealized gains and losses, and fair value of available-for-sale (AFS) debt and marketable equity securities at September 30, 2008 and December 31, 2007 were:

| (Dollars in millions) | Amortized Cost | Gross <br> Unrealized Gains |  | Gross <br> Unrealized <br> Losses |  | Fair <br> Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Available-for-sale debt securities, September 30, 2008 |  |  |  |  |  |  |  |
| U.S. Treasury securities and agency debentures | \$ 906 | \$ | 10 | \$ | (5) | \$ | 911 |
| Mortgage-backed securities ${ }^{(1)}$ | 221,390 |  | 129 |  | $(8,756)$ |  | 212,763 |
| Foreign securities | 5,657 |  | 13 |  | (112) |  | 5,558 |
| Corporate/Agency bonds | 3,790 |  | 2 |  | (574) |  | 3,218 |
| Other taxable securities ${ }^{(2)}$ | 26,469 |  | 9 |  | (357) |  | 26,121 |
| Total taxable securities | 258,212 |  | 163 |  | $(9,804)$ |  | 248,571 |
| Tax-exempt securities | 9,896 |  | 1 |  | $(1,041)$ |  | 8,856 |
| Total available-for-sale debt securities | \$ 268,108 | \$ | 164 | \$ | $(10,845)$ |  | 257,427 |
| Available-for-sale marketable equity securities ${ }^{(3)}$ | \$ 9,469 | \$ | 10,733 | \$ | (903) |  | 19,299 |
| Available-for-sale debt securities, December 31, 2007 |  |  |  |  |  |  |  |
| U.S. Treasury securities and agency debentures | \$ 749 | \$ | 10 | \$ | - |  | 759 |
| Mortgage-backed securities ${ }^{(1)}$ | 166,768 |  | 92 |  | $(3,144)$ |  | 163,716 |
| Foreign securities | 6,568 |  | 290 |  | (101) |  | 6,757 |
| Corporate/Agency bonds | 3,107 |  | 2 |  | (76) |  | 3,033 |
| Other taxable securities ${ }^{(2)}$ | 24,608 |  | 69 |  | (84) |  | 24,593 |
| Total taxable securities | 201,800 |  | 463 |  | $(3,405)$ |  | 198,858 |
| Tax-exempt securities | 14,468 |  | 73 |  | (69) |  | 14,472 |
| Total available-for-sale debt securities | \$ 216,268 | \$ | 536 | \$ | $(3,474)$ |  | 213,330 |
| Available-for-sale marketable equity securities ${ }^{(3)}$ | \$ 6,562 | \$ | 13,530 | \$ | (352) |  | 19,740 |

${ }^{(1)}$ Substantially all securities were issued by U.S. government-backed or government-sponsored enterprises.
(2) Includes asset-backed securities.
${ }^{(3)}$ Represents those AFS marketable equity securities that are recorded in other assets on the Consolidated Balance Sheet.

At September 30, 2008 and December 31, 2007, both the amortized cost and fair value of held-to-maturity debt securities was $\$ 1.3$ billion and $\$ 726$ million and the accumulated net unrealized gains (losses) on AFS debt and marketable equity securities included in accumulated OCI were $\$(518)$ million and $\$ 6.6$ billion, net of the related income tax expense (benefit) of $\$(333)$ million and $\$ 3.7$ billion.

The Corporation recognized $\$ 1.6$ billion and $\$ 2.7$ billion of other-than-temporary impairment losses on AFS debt, primarily CDO-related, and marketable equity securities during the three and nine months ended September 30, 2008. No such losses were recognized during the three and nine months ended September 30, 2007. At September 30, 2008 and December 31, 2007, the Corporation had nonperforming AFS debt securities of $\$ 436$ million and $\$ 180$ million.

The impairment of 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 historical and implied volatility of the security; the financial condition of the issuer of the security; and the Corporation s intent and ability to hold the security to recovery. Based on the Corporation sevaluation of the above and other relevant factors, the Corporation does not believe that the AFS debt and marketable equity securities that are in an unrealized loss position at September 30, 2008 are other-than-temporarily impaired.

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The Corporation obtained certain securities as part of the Countrywide acquisition with evidence of deterioration and for which it was probable that all contractually required payments would not be collected. The securities par value was approximately $\$ 4.2$ billion and fair value was approximately $\$ 2.5$ billion as of the merger date.

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Certain Corporate and Strategic Investments

At September 30, 2008 and December 31, 2007, the Corporation owned approximately 11 percent, or 25.1 billion common shares and eight percent, or 19.1 billion common shares, of China Construction Bank (CCB). On July 21, 2008, under the terms of the purchase option the Corporation increased its ownership by purchasing approximately $\$ 1.9$ billion of the common shares of CCB. These recently purchased shares are accounted for at cost, recorded in other assets and are non-transferable until August 2011. The initial investment of 19.1 billion common shares is accounted for at fair value and recorded as AFS marketable equity securities in other assets with an offset to accumulated OCI. These shares became transferable in October 2008. At September 30, 2008 and December 31, 2007, the cost of the CCB investment was $\$ 4.9$ billion and $\$ 3.0$ billion and the carrying value was $\$ 14.5$ billion and $\$ 16.4$ billion. Dividend income on this investment is recorded in equity investment income. We also hold an option to increase our ownership interest in CCB to 19.1 percent. Additional shares received upon exercise of this option are restricted through August 2011. The strike price of the option is based on the greater of 1.2 times the book value per share for the most recent calendar year end or the IPO price that steps up on an annual basis and is currently at 107 percent of the IPO price. When based on the IPO price the strike price is capped at 118 percent.

Additionally, the Corporation owned approximately 171.3 million and 137.0 million of preferred shares, and 51.3 million and 41.1 million of common shares of Banco Itaú Holding Financeira S.A. (Banco Itaú) at September 30, 2008 and December 31, 2007. This investment in Banco Itaú is accounted for at fair value and recorded as AFS marketable equity securities in other assets with an offset to accumulated OCI. Prior to the second quarter of 2008, these shares were accounted for at cost. Dividend income on this investment is recorded in equity investment income. At September 30, 2008 and December 31, 2007, the cost of this investment was $\$ 2.6$ billion and the fair value was $\$ 3.7$ billion and $\$ 4.6$ billion.

At September 30, 2008 and December 31, 2007, the Corporation had a 24.9 percent, or $\$ 2.9$ billion and $\$ 2.6$ billion, investment in Grupo Financiero Santander, S.A., the subsidiary of Grupo Santander, S.A. This investment is recorded in other assets and is accounted for under the equity method of accounting with income being recorded in equity investment income.

For additional information on securities, see Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

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NOTE 6 Outstanding Loans and Leases
Outstanding loans and leases at September 30, 2008 and December 31, 2007 were:

December 31

| (Dollars in millions) | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| Consumer |  |  |  |  |
| Residential mortgage | \$ | 256,989 | \$ | 274,949 |
| Home equity |  | 151,938 |  | 114,820 |
| Discontinued real estate ${ }^{(1)}$ |  | 22,081 |  | n/a |
| Credit card domestic |  | 63,012 |  | 65,774 |
| Credit card foreign |  | 18,338 |  | 14,950 |
| Direct/Indirect consumer ${ }^{(2)}$ |  | 82,849 |  | 76,538 |
| Other consumer ${ }^{(3)}$ |  | 3,680 |  | 4,170 |
| Total consumer |  | 598,887 |  | 551,201 |
| Commercial |  |  |  |  |
| Commercial domestic ${ }^{(4)}$ |  | 219,303 |  | 208,297 |
| Commercial real estate ${ }^{(5)}$ |  | 63,736 |  | 61,298 |
| Commercial lease financing |  | 22,416 |  | 22,582 |
| Commercial foreign |  | 32,951 |  | 28,376 |
| Total commercial loans |  | 338,406 |  | 320,553 |
| Commercial loans measured at fair value ${ }^{(6)}$ |  | 5,383 |  | 4,590 |
| Total commercial |  | 343,789 |  | 325,143 |
| Total loans and leases | \$ | 942,676 | \$ | 876,344 |

${ }^{(1)}$ Includes $\$ 20.1$ billion of pay option loans and $\$ 1.9$ billion of subprime loans obtained as part of the acquisition of Countrywide. The Corporation no longer originates these products.
(2) Includes foreign consumer loans of \$2.4 billion and \$3.4 billion at September 30, 2008 and December 31, 2007.
${ }^{(3)}$ Includes consumer finance loans of $\$ 2.7$ billion and $\$ 3.0$ billion, and other foreign consumer loans of $\$ 736$ million and $\$ 829$ million at September 30 , 2008 and December 31, 2007.
${ }^{(4)}$ Includes small business commercial domestic loans, primarily card related, of $\$ 19.4$ billion and $\$ 19.3$ billion at September 30, 2008 and December $31,2007$.
${ }^{(5)}$ Includes domestic commercial real estate loans of $\$ 62.7$ billion and $\$ 60.2$ billion, and foreign commercial real estate loans of $\$ 1.0$ billion and $\$ 1.1$ billion at September 30, 2008 and December 31, 2007.
(6) Certain commercial loans are measured at fair value in accordance with SFAS 159 and include commercial domestic loans of $\$ 4.0$ billion and $\$ 3.5$ billion, commercial foreign loans of $\$ 1.2$ billion and $\$ 790$ million, and commercial real estate loans of $\$ 213$ million and $\$ 304$ million at September 30 , 2008 and December 31, 2007. See Note 16 Fair Value Disclosures to the Consolidated Financial Statements for additional discussion of fair value for certain financial instruments.
$\mathrm{n} / \mathrm{a}=$ not applicable

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## Nonperforming Loans and Leases

At September 30, 2008 and December 31, 2007, nonperforming loans and leases, including impaired and nonaccrual consumer loans and excluding acquired loans that were accounted for under SOP 03-3, totaled $\$ 11.8$ billion and $\$ 5.6$ billion. In addition, included in other assets were consumer and commercial nonperforming loans held-for-sale of $\$ 848$ million and $\$ 188$ million at September 30, 2008 and December 31, 2007. Impaired loans also include loans that have been modified in troubled debt restructurings where concessions to borrowers who experienced financial difficulties have been granted.

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The following table presents the recorded loan amounts, without consideration for the specific component of the allowance for loan and lease losses, that were considered individually impaired in accordance with SFAS 114 at September 30, 2008 and December 31, 2007. SFAS 114 defines impairment to include performing loans which had previously been accounted for as a troubled debt restructuring and excludes all commercial leases.

## Impaired Loans

$\left.\begin{array}{l|r|r|r}\text { (Dollars in millions) } & \begin{array}{c}\text { September 30 } \\ \mathbf{2 0 0 8}\end{array} & \begin{array}{c}\text { December } 31 \\ \hline\end{array} \\ \hline \text { Commercial } & \mathbf{2 0 0 7}\end{array}\right]$
${ }^{(1)}$ Includes small business commercial domestic loans of $\$ 183$ million and $\$ 152$ million at September 30, 2008 and December 31, 2007.

## SOP 03-3

Loans acquired with evidence of credit quality deterioration since origination and for which it is probable at purchase that the Corporation will be unable to collect all contractually required payments are accounted for under American Institute of Certified Public Accountants Statement of Position 03-3, Accounting for Certain Loans or Debt Securities Acquired in a Transfer (SOP 03-3). 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), some of which are not immediately available as of the purchase date. The Corporation will continue to evaluate this information and other credit related information as it becomes available. SOP 03-3 addresses accounting for differences between contractual cash flows and cash flows expected to be collected from the Corporation s initial investment in loans if those differences are attributable, at least in part, to credit quality. SOP 03-3 requires acquired impaired loans be recorded at fair value and prohibits carrying over or the creation of valuation allowances in the initial accounting for loans acquired in a transfer that are within the scope of this SOP.

The fair values for loans within the scope of SOP 03-3 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 at 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.

As of July 1, 2008 and September 30, 2008 acquired loans within the scope of SOP 03-3 had an unpaid principal balance of $\$ 54.4$ billion and $\$ 52.8$ billion and carrying value of $\$ 41.1$ billion and $\$ 39.9$ billion. The following table provides details on loans obtained in connection with the Countrywide acquisition within the scope of SOP 03-3.

## Acquired Loan Information

| (Dollars in millions) | As of July 1, 2008 (1) |
| :--- | :---: |
| Contractually required payments including interest | $\mathbf{7 7 , 5 3 4}$ |
| Less: Nonaccretable difference | $(\mathbf{1 9 , 5 7 4 )}$ |
| Cash flows expected to be collected ${ }^{(2)}$ | $\mathbf{5 7 , 9 6 0}$ |
| Less: Accretable yield | $(16,841)$ |
| Fair value of loans acquired | $\$$ |
| $(1)$ Date of the Countrywide acquisition. | 41,119 |

(2) Represents undiscounted expected principal and interest cash flows at acquisition.

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Under SOP 03-3, the excess of cash flows expected at acquisition over the estimated fair value is referred to as the accretable yield and is recognized into interest income over the remaining life of the loan. The difference between contractually required payments at acquisition and the cash flows expected to be collected at acquisition is referred to as the nonaccretable difference. Changes in the expected cash flows from the date of acquisition will either impact the accretable yield or result in a charge to the provision for credit losses. Subsequent decreases to the expected cash flows will generally result in a charge to the provision for credit losses resulting in an increase to the allowance for loan and lease losses, and a reclassification from accretable yield to nonaccretable difference. Subsequent increases in cash flows will 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. There was no allowance for loan and lease losses related to loans acquired within the scope of SOP 03-3 as of September 30, 2008. Disposals of loans, which may include sales of loans, receipt of payments in full by the borrower, foreclosure, or troubled debt restructurings result in removal of the loan from the SOP 03-3 portfolio at its carrying amount.

The following table provides activity for the accretable yield of loans acquired from Countrywide within the scope of SOP 03-3 for the three months ended September 30, 2008.

## Accretable Yield Activity

Three Months Ended

| (Dollars in millions) | September 30, 2008 |  |
| :--- | ---: | ---: |
| Accretable yield, beginning balance | (16,841 |  |
| Accretions | $(748)$ |  |
| Disposals | $(413)$ |  |
| Reclassifications (to)/from nonaccretable difference $^{(1)}$ | - |  |
| Accretable yield, September 30 | $\$$ | 15,680 |

[^2]
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NOTE 7 Allowance for Credit Losses
The following table summarizes the changes in the allowance for credit losses for the three and nine months ended September 30, 2008 and 2007.

| (Dollars in millions) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| Allowance for loan and lease losses, beginning of period |  | \$ 17,130 | \$ | 9,060 | \$ | 11,588 | \$ | 9,016 |
| Adjustment due to the adoption of SFAS 159 |  | - |  | - |  | - |  | (32) |
| Loans and leases charged off |  | $(4,698)$ |  | $(1,897)$ |  | $(11,760)$ |  | $(5,445)$ |
| Recoveries of loans and leases previously charged off |  | 342 |  | 324 |  | 1,070 |  | 950 |
| Net charge-offs |  | $(4,356)$ |  | $(1,573)$ |  | $(10,690)$ |  | $(4,495)$ |
| Provision for loan and lease losses |  | 6,530 |  | 2,014 |  | 18,381 |  | 5,050 |
| Other ${ }^{(1)}$ |  | 1,042 |  | 34 |  | 1,067 |  | (4) |
| Allowance for loan and lease losses, September 30 |  | 20,346 |  | 9,535 |  | 20,346 |  | 9,535 |
| Reserve for unfunded lending commitments, beginning of period |  | 507 |  | 376 |  | 518 |  | 397 |
| Adjustment due to the adoption of SFAS 159 |  | - |  | - |  | - |  | (28) |
| Provision for unfunded lending commitments |  | (80) |  | 16 |  | (91) |  | 25 |
| Other |  | - |  | - |  | - |  | (2) |
| Reserve for unfunded lending commitments, September 30 |  | 427 |  | 392 |  | 427 |  | 392 |
| Allowance for credit losses, September 30 |  | \$ 20,773 | \$ | 9,927 | \$ | 20,773 | \$ | 9,927 |

(1) Includes the $\$ 1.3$ billion addition of the Countrywide allowance for loan losses.

## NOTE 8 Securitizations

The Corporation securitizes loans which may be serviced by the Corporation or by third parties. With each securitization, the Corporation may retain all or a portion of the securities, subordinated tranches, interest-only strips, subordinated interests in accrued interest and fees on the securitized receivables, and, in some cases, over-collateralization and cash reserve accounts, all of which are called retained interests. These retained interests are recorded in other assets, AFS debt securities, and/or trading account assets and are carried at fair value or amounts that approximate fair value with changes recorded in income or accumulated OCI. Changes in the fair value for credit card related interest-only strips are recorded in card income.

## Mortgage-related Securitizations

The Corporation securitizes a portion of its residential mortgage loan originations in conjunction with or shortly after loan closing. In addition, the Corporation may, from time to time, securitize commercial mortgages and first lien residential mortgages that it originates or purchases from other entities. During the three and nine months ended September 30, 2008, the Corporation converted a total of $\$ 51.9$ billion (including $\$ 525$ million originated by other entities) and $\$ 116.7$ billion (including $\$ 12.4$ billion originated by other entities), compared to $\$ 24.9$ billion (including $\$ 2.2$ billion originated by other entities) and $\$ 62.8$ billion (including $\$ 12.6$ billion originated by other entities) during the same periods in 2007, of commercial mortgages and first lien residential mortgages into mortgage-backed securities issued through government sponsored entities (GSE) or through subsidiaries of the Corporation. At September 30, 2008 and December 31, 2007, the Corporation held senior securities issued by its securitization vehicles of $\$ 16.3$ billion ( $\$ 11.9$ billion issued in 2008) and $\$ 9.2$ billion ( $\$ 5.9$ billion issued in 2007), substantially all of which are valued using quoted market prices. Of these senior securities, $\$ 14.6$ billion and $\$ 7.8$ billion were classified as AFS debt securities and $\$ 1.7$ billion and $\$ 1.4$ billion were classified as trading account assets at September 30, 2008 and December 31, 2007. In addition, the Corporation retained

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subordinated securities, which totaled $\$ 42$ million (none of which were issued in 2008) and $\$ 196$ million ( $\$ 137$ million issued in 2007) at September 30, 2008 and December 31, 2007, which are typically valued using quantitative models, and are classified in trading account assets.

During the three and nine months ended September 30, 2008, the Corporation reported $\$ 740$ million and $\$ 1.3$ billion in gains, net of hedges, on loans converted into securities and sold, as compared to $\$ 30$ million and $\$ 273$ million during the same periods in 2007. At September 30, 2008 and December 31, 2007, the Corporation had recourse obligations of $\$ 158$ million and $\$ 150$ million with varying terms up to seven years on loans that had been securitized and sold.

Included in the information above for the third quarter of 2008 are mortgage-related securitizations related to Countrywide. During the three months ended September 30, 2008, $\$ 37.3$ billion of first lien residential mortgages were converted into mortgage-backed securities issued through a GSE or through subsidiaries of the Corporation. In addition, the Corporation reported $\$ 525$ million in gains, net of hedges, on these loans converted into securities and sold.

The Corporation sells loans with various representations and warranties related to among other things, the ownership of the loan, validity of the lien securing the loan, absence of delinquent taxes or liens against the property securing the loan, process used in selecting the loans for inclusion in a transaction, the loan s compliance with any applicable loan criteria established by the buyer, and the loan s compliance with applicable local, state and federal laws. In the event of a breach of the Corporation s representations and warranties, the Corporation may be required to either repurchase the mortgage loans with the identified defects or indemnify the investor or insurer. In such cases, the Corporation bears any subsequent credit loss on the mortgage loans. The Corporation s representations and warranties are generally not subject to stated limits. However, the Corporation s contractual liability arises only when the representations and warranties are breached. The Corporation attempts to limit its risk of incurring these losses by structuring its operations to ensure consistent production of quality mortgages and servicing those mortgages at levels that meet secondary mortgage market standards. In addition, certain of our securitizations include a corporate guarantee, which are contracts written to protect purchasers of our loans from credit losses up to a specified amount. We estimate the losses to be absorbed by the guarantees when we sell loans with guarantees and update our estimates every quarter. The Corporation records its liability for representations and warranties, and corporate guarantees in accrued expenses and other liabilities and records the related expense through mortgage banking income.

During the three and nine months ended September 30, 2008, the Corporation purchased $\$ 3.8$ billion and $\$ 11.1$ billion of mortgage-backed securities from third parties and resecuritized them, as compared to $\$ 2.8$ billion and $\$ 16.4$ billion during the same periods in 2007. Net gains, which include net interest income earned during the holding period, totaled $\$ 26$ million and $\$ 64$ million for the three and nine months ended September 30, 2008, as compared to net losses of $\$ 4$ million and net gains of $\$ 10$ million during the same periods in 2007. At September 30, 2008 and December 31, 2007 the Corporation retained $\$ 403$ million and $\$ 540$ million of the securities issued in these transactions which were recorded in trading account assets.

The Corporation has retained consumer MSRs from the sale or securitization of mortgage loans, including discontinued mortgage and home equity loans. Servicing fee and ancillary fee income on all consumer mortgage loans serviced, including securitizations, was $\$ 1.5$ billion and $\$ 196$ million during the three months ended September 30, 2008 and 2007 and $\$ 2.0$ billion and $\$ 593$ million during the nine months ended September 30, 2008 and 2007. For more information on MSRs, see Note 17 Mortgage Servicing Rights to the Consolidated Financial Statements.

## Home Equity and Other Securitizations Acquired

With the purchase of Countrywide, the Corporation acquired residual and other interests held in its home equity securitizations which totaled $\$ 128$ million at September 30, 2008. The aggregate debt securities outstanding related to these securitizations totaled $\$ 30.8$ billion at September 30, 2008. In addition, the Corporation acquired residual and other interests held by Countrywide in its subprime mortgage and Alt-A mortgage securitizations which totaled $\$ 20$ million at September 30, 2008. The aggregate debt securities outstanding related to these securitizations totaled $\$ 39.6$ billion at September 30, 2008.

At September 30, 2008, the Corporation held senior securities issued by its securitization vehicles of $\$ 896$ million, all of which are valued using quoted market prices and which $\$ 111$ million were classified as AFS debt securities and $\$ 785$ million were classified as trading account assets. At September 30, 2008, the Corporation also held subordinated securities issued by its securitization vehicles of $\$ 19$ million, all of which are valued using quoted market prices and classified as AFS debt securities.

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Under the terms of the Corporation s home equity securitizations, advances are made to borrowers when they make a subsequent draw on their line 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 the securitization transaction has begun its 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 sadvances are outstanding. In particular, if loan losses requiring draws on monoline insurer s 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 insurer have priority for repayment. The available credit lines for the securitizations that have triggered or are expected to trigger a rapid amortization event are approximately $\$ 1.2$ billion at September 30, 2008. At September 30, 2008 the reserve for losses on expected future draw obligations on the home equity securitizations in or expected to be in rapid amortization was $\$ 422$ million.

## Credit Card Securitizations

For the three and nine months ended September 30, 2008, the Corporation securitized $\$ 3.3$ billion and $\$ 16.3$ billion of credit card receivables resulting in $\$ 14$ million and $\$ 62$ million in gains (net of securitization transaction costs of $\$ 3$ million and $\$ 15$ million) which were recorded in card income. For the three and nine months ended September 30, 2007, the Corporation securitized $\$ 4.6$ billion and $\$ 14.3$ billion of credit card receivables resulting in $\$ 29$ million and $\$ 71$ million in gains (net of securitization transaction costs of $\$ 1$ million and $\$ 11$ million) which were recorded in card income. At September 30, 2008 and December 31, 2007, the aggregate debt securities outstanding for the Corporation scredit card securitization trusts were $\$ 100.5$ billion and $\$ 101.3$ billion.

At September 30, 2008, the Corporation held senior securities issued by its credit card securitization vehicles of $\$ 439$ million (issued in 2008). There were no senior securities held at December 31, 2007. At September 30, 2008 and December 31, 2007, the Corporation held subordinated securities issued by its securitization vehicles of $\$ 2.2$ billion ( $\$ 1.8$ billion issued in 2008) and $\$ 425$ million (issued in 2007). All of these securities were classified as AFS debt securities and valued using quoted market prices at September 30, 2008 and December 31, 2007.

At September 30, 2008 and December 31, 2007, there were no recognized servicing assets or liabilities associated with any of these credit card securitization transactions.

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Key economic assumptions used in measuring the fair value of certain residual interests that continue to be held by the Corporation (included in other assets) in credit card securitizations and the sensitivity of the current fair value of residual cash flows to changes in those assumptions are as follows:

|  | Credit Card |  |  |
| :--- | :---: | :---: | :---: |

${ }^{(1)}$ Residual interests include interest-only strips, subordinated interests in accrued interest and fees on the securitized receivables and cash reserve accounts which are carried at fair value or amounts that approximate fair value.
The sensitivities in the preceding table 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 an interest that continues 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. Additionally, the Corporation has the ability to hedge interest rate risk associated with retained residual positions. The above sensitivities do not reflect any hedge strategies that may be undertaken to mitigate such risk.

Principal proceeds from collections reinvested in revolving credit card securitizations were $\$ 37.3$ billion and $\$ 126.1$ billion for the three and nine months ended September 30, 2008 compared to $\$ 45.7$ billion and $\$ 135.0$ billion for the same periods in 2007. Contractual credit card servicing fee income totaled $\$ 544$ million and $\$ 1.6$ billion for the three and nine months ended September 30,2008 compared to $\$ 526$ million and $\$ 1.5$ billion for the same periods in 2007 . Other cash flows received on retained interests, such as cash flow from interest-only strips, were $\$ 1.4$ billion and $\$ 4.6$ billion for the three and nine months ended September 30,2008 compared to $\$ 1.7$ billion and $\$ 4.9$ billion for the same periods in 2007, for credit card securitizations.

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## Other Securitizations

In September 2008, the Corporation securitized $\$ 5.7$ billion of automobile loans and recorded a loss of $\$ 33$ million on the transaction. At September 30, 2008 aggregate debt securities outstanding for the Corporation s automobile securitization vehicle were $\$ 5.6$ billion. At September 30, 2008, the Corporation held debt securities of $\$ 4.9$ billion of which $\$ 1.6$ billion were senior and $\$ 3.3$ billion were subordinated and all were classified as AFS debt securities and valued using quoted market prices. The Corporation also held a residual asset of $\$ 35$ million pertaining to this securitization. The Corporation did not securitize any automobile loans during the three and nine months ended September 30, 2007.

## Managed Asset Quality Indicators

Portfolio balances, delinquency and historical loss amounts of the managed loans and leases portfolios at September 30, 2008 and December 31, 2007 and for the three and nine months ended September 30, 2008 and 2007, are presented in the following tables.

|  | September 30, 2008 Accruing |  |  |  |  | December 31, 2007Accruing |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Loans and |  |  |  |  | Loans and |  |  |  |  |
|  | Total Loans | Leases Past |  | Nonperforming |  |  | Leases Past |  | Nonperforming |  |
|  |  |  | Due 90 Days |  | s and | Total Loans |  | Days |  | $s$ and |
| (Dollars in millions) | and Leases |  | or More ${ }^{(1)}$ |  | Ses ${ }^{(1)}$ | and <br> Leases |  | More |  | ses |
| Residential mortgage ${ }^{(2)}$ | \$ 256,989 | \$ | 268 | \$ | 4,638 | \$ 274,949 | \$ | 237 | \$ | 1,999 |
| Home equity | 151,938 |  | - |  | 2,049 | 114,820 |  | - |  | 1,340 |
| Discontinued real estate | 22,081 |  | - |  | 33 | n/a |  | n/a |  | $\mathrm{n} / \mathrm{a}$ |
| Credit card domestic | 151,118 |  | 4,545 |  | n/a | 151,862 |  | 4,170 |  | $\mathrm{n} / \mathrm{a}$ |
| Credit card foreign | 32,280 |  | 743 |  | n/a | 31,829 |  | 714 |  | n/a |
| Direct/Indirect consumer | 82,849 |  | 1,113 |  | 13 | 76,538 |  | 745 |  | 8 |
| Other consumer | 3,680 |  | 4 |  | 89 | 4,170 |  | 4 |  | 95 |
| Total consumer | 700,935 |  | 6,673 |  | 6,822 | 654,168 |  | 5,870 |  | 3,442 |
| Commercial domestif ${ }^{3}, 4$ ) | 219,303 |  | 850 |  | 1,749 | 208,297 |  | 546 |  | 1,004 |
| Commercial real estate | 63,736 |  | 204 |  | 3,090 | 61,298 |  | 36 |  | 1,099 |
| Commercial lease financing | 22,416 |  | 45 |  | 35 | 22,582 |  | 25 |  | 33 |
| Commercial foreign | 32,951 |  | 5 |  | 48 | 28,376 |  | 16 |  | 19 |
| Total commercial | 338,406 |  | 1,104 |  | 4,922 | 320,553 |  | 623 |  | 2,155 |
| Total managed loans and leases excluding loans measured at fair value ${ }^{(5)}$ | 1,039,341 |  | 7,777 |  | 11,744 | 974,721 |  | 6,493 |  | 5,597 |

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| Total measured at fair value |  | 5,383 |  | - |  | - |  | 4,590 |  | - |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Managed loans in securitizations |  | $(102,048)$ |  | $(2,958)$ |  | n/a |  | $(102,967)$ |  | $(2,757)$ |  | n/a |
| Total held loans and leases | \$ | 942,676 | \$ | 4,819 | \$ | 11,744 |  | 876,344 | \$ | 3,736 | \$ | 5,597 |

(1) Balances do not include loans accounted for in accordance with SOP 03-3 even though the customer may be contractually past due. Loans accounted for in accordance with SOP 03-3 were written down to fair value upon acquisition and accrete interest income over the remaining life of the loan.
(2) Accruing loans and leases past due 90 days or more represent residential mortgage loans related to repurchases pursuant to the Corporation s servicing agreements with GNMA mortgage pools whose repayments are insured by the Federal Housing Administration or guaranteed by the Department of Veterans Affairs.
(3) Includes small business commercial domestic loans.
(4) Includes small business commercial domestic accruing loans and leases past due 90 days or more of $\$ 598$ million and $\$ 427$ million and nonperforming loans and leases of $\$ 183$ million and $\$ 152$ million at September 30, 2008 and December 31, 2007.
${ }^{(5)}$ Does not include first mortgage and home equity securitizations that were part of the Countrywide acquisition. As of September 30, 2008, the total loans and leases related to these securitizations were $\$ 71.1$ billion, with $\$ 4.9$ billion in nonperforming loans and leases. At September 30, 2008 and December 31, 2007 , the remaining other consumer and commercial loan securitization vehicles were not material to the Corporation.
$\mathrm{n} / \mathrm{a}=$ not applicable

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(1) The net loss ratio is calculated by dividing annualized net losses by average outstanding loans and leases excluding loans measured at fair value for each loan and lease category.
(2) Includes small business commercial domestic net losses of $\$ 527$ million, or 10.64 percent, and $\$ 1.4$ billion, or 9.23 percent, for the three and nine months ended September 30, 2008, compared to $\$ 239$ million, or 5.38 percent, and $\$ 598$ million, or 4.82 percent, for the same periods in 2007.
(3) Does not include first mortgage and home equity securitizations that were part of the Countrywide acquisition. For the three months ended September 30 , 2008, average total loans and leases related to these securitizations were $\$ 72.4$ billion with $\$ 1.5$ billion in net losses, or 8.33 percent. For the nine months ended September 30, 2008, average total loans and leases related to these securitizations were $\$ 24.3$ billion with $\$ 1.5$ billion in net losses, or 8.33 percent. For the three and nine months ended September 30, 2008 and 2007, the remaining other consumer and commercial loan securitization vehicles were not material to the Corporation
$\mathrm{n} / \mathrm{a}=$ not applicable

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## NOTE 9 Variable Interest Entities

The following table presents total assets of those VIEs in which the Corporation holds a significant variable interest and, in the unlikely event that all of the assets in the VIEs become worthless, the Corporation s maximum exposure to loss. The Corporation s maximum exposure to loss incorporates not only potential losses associated with assets recorded on the Corporation s balance sheet but also off-balance sheet commitments, such as unfunded liquidity and lending commitments and other contractual arrangements. In addition to the table below, the Corporation also provided support to certain cash funds managed within Global Wealth and Investment Management (GWIM) as described in more detail in Note 12 Commitments and Contingencies to the Consolidated Financial Statements.

| (Dollars in millions) | Consolidated ${ }^{(1)}$ |  |  | Unconsolidated |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Assets | Loss Exposure |  | Total Assets | Loss Exposure |  |
| Variable interest entities, September 30, 2008 |  |  |  |  |  |  |
| Corporation-sponsored multi-seller conduits | \$ 10,932 | \$ | 13,110 | \$ 28,363 | \$ | 42,440 |
| Collateralized debt obligation vehicles | 4,756 |  | 4,756 | 2,543 |  | 1,913 |
| Leveraged lease trusts | 5,769 |  | 5,769 | - |  | - |
| Other | 9,176 |  | 7,388 | 9,147 |  | 7,607 |
| Total variable interest entities | \$ 30,633 | \$ | 31,023 | \$ 40,053 | \$ | 51,960 |
| Variable interest entities, December 31, 2007 |  |  |  |  |  |  |
| Corporation-sponsored multi-seller conduits | \$ 11,944 | \$ | 16,984 | \$ 29,363 | \$ | 47,335 |
| Collateralized debt obligation vehicles | 4,464 |  | 4,311 | 8,324 |  | 7,410 |
| Leveraged lease trusts | 6,236 |  | 6,236 | - |  | - |
| Other | 13,771 |  | 12,347 | 8,260 |  | 5,953 |
| Total variable interest entities | \$ 36,415 | \$ | 39,878 | \$ 45,947 | \$ | 60,698 |

(1) The Corporation consolidates VIEs when it is the primary beneficiary that will absorb the majority of the expected losses or expected residual returns of the VIEs or both.

## Corporation-Sponsored Multi-Seller Conduits

The Corporation administers four multi-seller conduits, three of which are unconsolidated, which provide a low-cost funding alternative to its customers by facilitating their access to the commercial paper market. These customers sell or otherwise transfer assets to the conduits, which in turn issue short-term commercial paper that is rated high-grade and is collateralized by the underlying assets. The Corporation receives fees for providing combinations of liquidity and standby letters of credit (SBLCs) or similar loss protection commitments to the conduits. Third parties participate in a small number of the liquidity facilities on a pari passu basis with the Corporation. At September 30, 2008, the Corporation $s$ liquidity commitments to the conduits were collateralized by various classes of assets. Assets held in the conduits incorporate features such as overcollateralization and cash reserves which are designed to provide credit support to the conduits.

The Corporation is the primary beneficiary of one of the above conduits and consequently it is included in the Consolidated Financial Statements. The assets of this conduit are included in AFS and held-to-maturity debt securities, and other assets. At September 30, 2008, liquidity commitments to the conduit were mainly collateralized by credit card loans ( 25 percent), auto loans ( 11 percent), and both capital commitments and corporate and commercial loans (seven percent each). None of these assets are subprime residential mortgages. In addition, 33 percent of the Corporation s liquidity commitments were collateralized by projected cash flows from long-term contracts (e.g., television broadcast contracts, stadium revenues and royalty payments) which, as mentioned above, incorporate features that provide credit support. Amounts advanced under these arrangements will be repaid when cash flows due under the long-term contracts are received. Approximately 65 percent of this exposure is insured. At September 30, 2008, the weighted average life of assets in the consolidated conduit was 5.5 years and the weighted average maturity of commercial paper issued by this conduit was 25 days. Assets of the Corporation are not available to pay creditors of the consolidated conduit except to the extent the Corporation may be obligated to perform under the liquidity commitments and SBLCs. Assets of the consolidated conduit are not available to pay creditors of the Corporation.

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The Corporation does not consolidate the other three conduits which issued capital notes and equity interests to independent third parties as it does not expect to absorb a majority of the variability of the conduits. At September 30, 2008, the Corporation s liquidity commitments to the unconsolidated conduits were collateralized by credit card loans ( 24 percent), student loans ( 23 percent), auto loans ( 14 percent), and equipment loans (eight percent). Less than one percent of these assets are subprime residential mortgages. In addition, 17 percent of the Corporation s commitments were collateralized by the conduits short-term lending arrangements with investment funds, primarily real estate funds, which, as mentioned above, incorporate features that provide credit support. Amounts advanced under these arrangements are secured by a diverse group of high quality equity investors. Outstanding advances under these facilities will be repaid when the investment funds issue capital calls. At September 30, 2008, the weighted average life of assets in the unconsolidated conduits was 2.7 years and the weighted average maturity of commercial paper issued by these conduits was 34 days.

Net revenues earned from fees associated with these commitments were $\$ 98$ million and $\$ 245$ million for the three and nine months ended September 30, 2008 compared to $\$ 51$ million and $\$ 135$ million for the same periods in 2007.

## Collateralized Debt Obligation Vehicles

CDO vehicles hold diversified pools of fixed income securities. They issue multiple tranches of debt securities, including commercial paper, and equity securities. The Corporation also provides liquidity support to certain CDO vehicles.

The Corporation is the primary beneficiary of certain CDOs which are included in the Consolidated Financial Statements at September 30, 2008 and December 31, 2007. Assets held at fair value in the consolidated CDOs include AFS debt securities of $\$ 3.8$ billion and $\$ 2.8$ billion and trading account assets of $\$ 907$ million and $\$ 1.3$ billion at September 30, 2008 and December 31, 2007. Substantially all of these investments were acquired in connection with liquidity support in the form of written put options that had been provided to CDO vehicles and other liquidity support which had been provided to the CDO conduit which are discussed below. The creditors of the consolidated CDOs have no recourse to the general credit of the Corporation. The Corporation had no unrealized losses on super senior exposure in accumulated OCI at September 30, 2008.

The Corporation s exposure to unconsolidated CDOs relates principally to liquidity support in the form of written put options with a notional amount of $\$ 1.1$ billion and $\$ 6.8$ billion at September 30, 2008 and December 31, 2007. The written put options pertain to commercial paper which is the most senior class of securities issued by the CDOs and benefits from the subordination of all other securities issued by the CDOs. The Corporation is obligated to provide funding to the CDOs by purchasing the commercial paper at predetermined contractual yields in the event of a severe disruption in the short-term funding market. The underlying collateral for commitments outstanding at September 30, 2008 consists principally of commercial mortgage-backed securities, ABS and other securities, including trust preferred securities. Subprime residential mortgage-backed securities comprise less than 20 percent of total collateral. These written put options are recorded as derivatives and are carried at fair value with changes in fair value recorded in trading account profits (losses).

Prior to the third quarter of 2008, the Corporation s liquidity support to unconsolidated CDOs also included other liquidity support of $\$ 2.3$ billion at December 31, 2007 to a CDO conduit administered by the Corporation that obtained funds by issuing commercial paper to third party investors. The conduit held $\$ 2.3$ billion of assets at December 31, 2007 consisting of super senior tranches of debt securities issued by other CDOs. During the second quarter of 2008 , the CDO conduit was liquidated due to a threatened downgrade of its commercial paper. In accordance with its liquidity obligation, the Corporation purchased the assets of the CDO conduit.

At September 30, 2008 and December 31, 2007, the Corporation held commercial paper with a carrying value of $\$ 686$ million and $\$ 5.0$ billion on the balance sheet that was issued by unconsolidated CDO vehicles related to these written put options. In addition, at December 31, 2007 the Corporation held commercial paper with a carrying value of $\$ 1.6$ billion related to other liquidity support.

## Leveraged Lease Trusts

The Corporation s net investment in leveraged lease trusts totaled $\$ 5.8$ billion and $\$ 6.2$ billion at September 30, 2008 and December 31, 2007. These amounts, which were recorded in loans and leases, represent the Corporation s maximum loss exposure to these entities in the unlikely event that the leveraged lease investments become worthless. Debt issued by

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the leveraged lease trusts is nonrecourse to the Corporation. The Corporation has no liquidity exposure to these leveraged lease trusts.

## Other

Other consolidated VIEs at September 30, 2008 and December 31, 2007 consisted primarily of securitization vehicles, including an asset acquisition conduit that holds securities on the Corporation s behalf and term securitization vehicles that did not meet QSPE status, as well as managed investment vehicles that invest in financial assets, primarily debt securities. Included within maximum exposure to loss of these VIEs was $\$ 4.1$ billion and $\$ 7.4$ billion of liquidity exposure to consolidated trusts that hold municipal bonds and $\$ 1.1$ billion and $\$ 1.6$ billion of liquidity exposure to the consolidated asset acquisition conduit at September 30, 2008 and December 31, 2007. The assets of these consolidated VIEs were recorded in trading account assets, AFS debt securities and other assets. Other unconsolidated VIEs at September 30, 2008 and December 31, 2007 consisted primarily of securitization vehicles, managed investment vehicles that invest in financial assets, primarily debt securities, and investments in affordable housing investment partnerships. Revenues associated with administration, asset management, liquidity, and other services were $\$ 2$ million and $\$ 6$ million for the three and nine months ended September 30, 2008 compared to $\$ 4$ million and $\$ 13$ million for the same periods in 2007.

## NOTE 10 Goodwill and Intangible Assets

The following tables present goodwill and intangible assets at September 30, 2008 and December 31, 2007, which includes approximately $\$ 4.1$ billion of goodwill related to the acquisition of Countrywide. For more information on the Countrywide acquisition, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements.

|  | September 30 | December 31 |
| :--- | :---: | :---: |
| (Dollars in millions) | $\mathbf{2 0 0 8}$ | 2007 |
| Global Consumer and Small Business Banking | $\mathbf{\$ 4 , 5 3 8}$ | $\$$ |
| Global Corporate and Investment Banking | $\mathbf{2 9 , 5 6 9}$ | 29,640 |
| Global Wealth and Investment Management | $\mathbf{6 , 5 0 5}$ | $\mathbf{6 , 4 5 1}$ |
| All Other | $\mathbf{1 , 1 4 4}$ | 1,091 |
| Total goodwill | $\mathbf{8}$ | $\mathbf{8 1 , 7 5 6}$ |

The gross carrying values and accumulated amortization related to intangible assets at September 30, 2008 and December 31, 2007 are presented below:

| (Dollars in millions) | September 30, 2008 |  |  | December 31, 2007 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross Carrying Value | Accumulated <br> Amortization |  | Gross Carrying Value |  | mulated <br> tization |
| Purchased credit card relationships | \$ 7,193 | \$ | 2,548 | \$ 7,027 | \$ | 1,970 |
| Core deposit intangibles | 4,594 |  | 3,173 | 4,594 |  | 2,828 |
| Affinity relationships | 1,664 |  | 543 | 1,681 |  | 406 |
| Other intangibles | 3,129 |  | 1,149 | 3,050 |  | 852 |
| Total intangible assets | \$ 16,580 | \$ | 7,413 | \$ 16,352 | \$ | 6,056 |

Amortization of intangibles expense was $\$ 464$ million and $\$ 429$ million for the three months ended September 30, 2008 and 2007 and $\$ 1.4$ billion and $\$ 1.2$ billion for the nine months ended September 30, 2008 and 2007. The Corporation estimates that aggregate amortization expense is expected to be approximately $\$ 450$ million for the fourth quarter of 2008. In addition, the Corporation estimates the aggregate amortization expense will be approximately $\$ 1.6$ billion, $\$ 1.4$ billion, $\$ 1.2$ billion, $\$ 1.0$ billion and $\$ 840$ million for 2009 through 2013, respectively.

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NOTE 11 Long-term Debt
The following table presents the balance of long-term debt, the related rates and maturity dates at September 30, 2008 obtained in connection with the Countrywide acquisition:

| (Dollars in millions) | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ |  |
| :---: | :---: | :---: |
| Long-term debt issued by Countrywide Financial Corporation and subsidiaries |  |  |
| Advances from Federal Home Loan Banks |  |  |
| Fixed, with a weighted average rate of $4.86 \%$, ranging from $2.91 \%$ to $5.52 \%$, due 2008 to 2014 | \$ | 44,445 |
| Senior notes: |  |  |
| Fixed, with a weighted average rate of $5.16 \%$, ranging from $4.00 \%$ to $7.23 \%$, due 2008 to 2036 |  | 8,536 |
| Floating, with a weighted average rate of $4.36 \%$, ranging from $2.93 \%$ to $7.66 \%$, due 2008 to 2012 |  | 4,172 |
| Convertible debentures: |  |  |
| Floating, with a weighted average rate of $0.28 \%$, ranging from $0.00 \%$ to $0.55 \%$, due 2037 |  | 3,900 |
| Junior subordinated notes (related to trust preferred securities): |  |  |
| Fixed, with a weighted average rate of $7.04 \%$, ranging from $6.75 \%$ to $8.05 \%$, due 2027 to 2036 |  | 1,616 |
| Subordinated notes: |  |  |
| Fixed, 6.25\%, due 2016 |  | 1,000 |
| Total long-term debt issued by Countrywide Financial Corporation and subsidiaries |  | 63,669 |
| Other long-term debt issued by Bank of America Corporation and subsidiaries |  | 194,041 |
| Total long-term debt | \$ | 257,710 |

Including the Countrywide acquisition, the Corporation has aggregate annual maturities on its long-term debt obligations of $\$ 9.0$ billion for the fourth quarter of 2008 and $\$ 37.3$ billion, $\$ 44.5$ billion, $\$ 23.8$ billion and $\$ 25.7$ billion for 2009 through 2012, respectively, and $\$ 117.4$ billion for all years thereafter.

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NOTE 12 Commitments and Contingencies
In the normal course of business, the Corporation enters into a number of off-balance 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 unfunded legally binding lending commitments shown in the following table are net of amounts distributed (e.g., syndicated) to other financial institutions of $\$ 45.8$ billion and $\$ 39.2$ billion at September 30, 2008 and December 31, 2007. At September 30, 2008, the carrying amount of these commitments, excluding fair value adjustments, was $\$ 459$ million, including deferred revenue of $\$ 32$ million and a reserve for unfunded legally binding lending commitments of $\$ 427$ million. At December 31, 2007, the comparable amounts were $\$ 550$ million, $\$ 32$ million and $\$ 518$ million. The carrying amount of these commitments is recorded in accrued expenses and other liabilities. For information regarding the Corporation s loan commitments accounted for at fair value, see Note 16 Fair Value Disclosures to the Consolidated Financial Statements.

| (Dollars in millions) | Expires in 1 year or less |  | Expires after 1 year through 3 years |  | Expires after 3 years through 5 years |  | Expires after 5 years |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit extension commitments, September 30, 2008 |  |  |  |  |  |  |  |  |  |  |
| Loan commitments | \$ | 165,291 | \$ | 104,864 | \$ | 89,504 | \$ | 25,543 | \$ | 385,202 |
| Home equity lines of credit |  | 10,005 |  | 1,811 |  | 3,221 |  | 103,430 |  | 118,467 |
| Standby letters of credit and financial guarantees |  | 32,709 |  | 21,921 |  | 8,307 |  | 12,710 |  | 75,647 |
| Commercial letters of credit |  | 3,156 |  | 39 |  | 8 |  | 1,892 |  | 5,095 |
| Legally binding commitments ${ }^{(1)}$ |  | 211,161 |  | 128,635 |  | 101,040 |  | 143,575 |  | 584,411 |
| Credit card lines |  | 857,633 |  | 22,832 |  | - |  | - |  | 880,465 |
| Total credit extension commitments |  | ,068,794 | \$ | 151,467 | \$ | 101,040 | \$ | 143,575 |  | ,464,876 |
| Credit extension commitments, December 31, 2007 |  |  |  |  |  |  |  |  |  |  |
| Loan commitments | \$ | 178,931 | \$ | 92,153 | \$ | 106,904 | \$ | 27,902 | \$ | 405,890 |
| Home equity lines of credit |  | 8,482 |  | 1,828 |  | 2,758 |  | 107,055 |  | 120,123 |
| Standby letters of credit and financial guarantees |  | 31,629 |  | 14,493 |  | 7,943 |  | 8,731 |  | 62,796 |
| Commercial letters of credit |  | 3,753 |  | 50 |  | 33 |  | 717 |  | 4,553 |
| Legally binding commitments ${ }^{(1)}$ |  | 222,795 |  | 108,524 |  | 117,638 |  | 144,405 |  | 593,362 |
| Credit card lines |  | 876,393 |  | 17,864 |  | - |  | - |  | 894,257 |
| Total credit extension commitments |  | ,099,188 | \$ | 126,388 | \$ | 117,638 | \$ | 144,405 |  | ,487,619 |

(1) Includes commitments to VIEs disclosed in Note 9 Variable Interest Entities to the Consolidated Financial Statements, including $\$ 42.4$ billion and $\$ 47.3$ billion to corporation-sponsored multi-seller conduits and $\$ 0$ and $\$ 2.3$ billion to CDOs at September 30, 2008 and December 31, 2007. Also includes commitments to SPEs that are not disclosed in Note 9 Variable Interest Entities to the Consolidated Financial Statements because the Corporation does not hold a significant variable interest or because they are QSPEs, including $\$ 7.8$ billion and $\$ 6.1$ billion to municipal bond trusts and $\$ 1.1$ billion and $\$ 1.7$ billion to customer-sponsored conduits at September 30, 2008 and December 31, 2007.

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 borrowers ability to pay.

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The Corporation also facilitates bridge financing (high grade debt, high yield debt and equity) to fund acquisitions, recapitalizations and other short-term needs as well as provide syndicated financing for clients. These concentrations are managed, in part, through the Corporation $s$ established originate to distribute strategy. These client transactions are sometimes large and leveraged. They can also have a higher degree of risk as the Corporation is providing offers or commitments for various components of the clients capital structures, including lower-rated unsecured and subordinated debt tranches and/or equity. In many cases, these offers to finance will not be accepted. If accepted, these conditional commitments are often retired prior to or shortly following funding via the placement of securities, syndication or the client s decision to terminate. Where the Corporation has a commitment and there is a market disruption or other unexpected event, there may be heightened exposure in the portfolios, and higher potential for loss, unless an orderly disposition of the exposure can be made. These commitments are not necessarily indicative of actual risk or funding requirements as the commitments may expire unused, the borrower may not be successful in completing the proposed transaction or may utilize multiple financing sources, including other investment and commercial banks, as well as accessing the general capital markets instead of drawing on the commitment. In addition, the Corporation may reduce its portion of the commitment through syndications to investors and/or lenders prior to funding. Therefore, these commitments are generally significantly greater than the amounts the Corporation will ultimately fund. Additionally, the borrower s ability to draw on the commitment may be subject to there being no material adverse change in the borrower s financial condition, among other factors. Commitments also generally contain certain flexible pricing features to adjust for changing market conditions prior to closing.

At September 30, 2008 and December 31, 2007, the Corporation s share of the leveraged finance forward calendar was $\$ 2.3$ billion and $\$ 12.2$ billion. During the nine months ended September 30, 2008, the Corporation had new transactions of $\$ 10.3$ billion, syndications of $\$ 11.1$ billion, closed but not yet syndicated of $\$ 5.8$ billion, and client terminations and other transactions of $\$ 3.3$ billion related to the leveraged finance forward calendar. The Corporation also had unfunded capital markets commercial real estate commitments of $\$ 700$ million at September 30, 2008 compared to $\$ 2.2$ billion at December 31, 2007 with the primary change resulting from $\$ 1.2$ billion of transactions that were funded. There were no leveraged finance forward calendar pre-market disruption exposures (i.e., originated prior to September 30, 2007) at September 30, 2008 compared to $\$ 10.7$ billion at December 31, 2007. The Corporation has not originated any material unfunded capital markets commercial real estate commitments subsequent to September 30, 2007.

## Other Commitments

Principal Investing and Other Equity Investments
At September 30, 2008 and December 31, 2007, the Corporation had unfunded equity investment commitments of approximately $\$ 1.9$ billion and $\$ 2.6$ billion. These commitments relate primarily to the Strategic Investments portfolio, as well as equity commitments included in the Corporation s Principal Investing business, which is comprised of a diversified portfolio of investments in privately-held and publicly-traded companies at all stages of their life cycle from start-up to buyout. These investments are made either directly in a company or held through a fund and are accounted for at fair value. Bridge equity commitments provide equity bridge financing to facilitate clients investment activities. These conditional commitments are often retired prior to or shortly following funding via syndication or the client s decision to terminate. Where the Corporation has a binding equity bridge commitment and there is a market disruption or other unexpected event, there may be heightened exposure in the portfolio and higher potential for loss, unless an orderly disposition of the exposure can be made. At September 30, 2008, the Corporation did not have any unfunded bridge equity commitments and had previously funded $\$ 1.2$ billion of equity bridges which are considered held for investment. During the three and nine months ended September 30, 2008, the Corporation recorded $\$ 34$ million and $\$ 218$ million in losses related to these investments through equity investment income.

## U.S. Government Guaranteed Charge Cards

At September 30, 2008 and December 31, 2007, the unfunded lending commitments related to charge cards (nonrevolving card lines) to individuals and government entities guaranteed by the U.S. Government in the amount of $\$ 9.2$ billion and $\$ 9.9$ billion were not included in credit card line commitments in the previous table. The outstanding balances related to these charge cards were $\$ 266$ million and $\$ 193$ million at September 30, 2008 and December 31, 2007.

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## Loan Purchases

In 2005, the Corporation entered into an agreement for the committed purchase of retail automotive loans over a five-year period, ending June 30, 2010. The Corporation purchased $\$ 9.0$ billion of such loans under this agreement for the nine months ended September 30, 2008 compared to $\$ 4.5$ billion of such loans for the year ended December 31, 2007. As of September 30, 2008, the Corporation was committed for additional purchases of up to $\$ 16.0$ billion over the remaining term of the agreement of which $\$ 6.0$ billion will be purchased by June 30, 2009. All loans purchased under this agreement are subject to a comprehensive set of credit criteria.

## Operating Leases

The Corporation is a party to operating leases for certain of its premises and equipment. Commitments under these leases approximate $\$ 580$ million for the remaining quarter of 2008, and $\$ 2.2$ billion, $\$ 2.0$ billion, $\$ 1.7$ billion and $\$ 1.4$ billion for 2009 through 2012, respectively, and $\$ 9.2$ billion for all years thereafter.

## Other Commitments

Beginning in the second half of 2007, the Corporation provided support to certain cash funds managed within GWIM. The funds for which the Corporation provided support typically invest in high quality, short-term securities with a portfolio weighted average maturity of 90 days or less, including securities issued by SIVs and senior debt holdings of financial service companies. Due to market disruptions, certain investments in SIVs and senior debt securities issued by financial services companies were downgraded by the rating agencies and experienced a decline in fair value. The Corporation entered into capital commitments, which required the Corporation to provide cash to these funds in the event the net asset value per unit of a fund declined below certain thresholds. The capital commitments expire no later than the third quarter of 2010. At September 30, 2008 and December 31, 2007, the Corporation had gross (i.e., funded and unfunded) capital commitments to the funds of $\$ 1.1$ billion and $\$ 565$ million. For the three and nine months ended September 30, 2008, the Corporation incurred losses of $\$ 358$ million and $\$ 521$ million related to these capital commitments. At September 30, 2008 and December 31, 2007, the remaining loss exposure was $\$ 160$ million and $\$ 183$ million. Additionally, during the three and nine months ended September 30, 2008, the Corporation purchased $\$ 525$ million and $\$ 1.5$ billion of certain investments from the funds and recorded losses of $\$ 272$ million and $\$ 365$ million.

The Corporation may from time to time, but is under no obligation to, provide additional support to funds managed within GWIM. Future support, if any, may take the form of additional capital commitments to the funds or the purchase of assets from the funds.

The Corporation does not consolidate the cash funds managed within GWIM because the subordinated support provided by the Corporation will not absorb a majority of the variability created by the assets of the funds. The cash funds had total assets under management of $\$ 174.9$ billion and $\$ 189.5$ billion at September 30, 2008 and December 31, 2007.

## Other Guarantees <br> Written Put Options

At September 30, 2008 and December 31, 2007, the Corporation provided liquidity support in the form of written put options on $\$ 1.1$ billion and $\$ 10.0$ billion of commercial paper issued by CDOs, including $\$ 3.2$ billion issued by a consolidated CDO and $\$ 6.8$ billion issued by unconsolidated CDOs at December 31, 2007. These agreements have various maturities ranging from two to five years. For more information regarding written put options, see Note 9 Variable Interest Entities to the Consolidated Financial Statements.

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## Merchant Services

The Corporation provides credit and debit card processing services to various merchants by processing credit and debit card transactions on their 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 upon 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 Corporation as the merchant processor. If the Corporation is unable to collect this amount from the merchant, it bears the loss for the amount paid to the cardholder. For the three months ended September 30, 2008 and 2007, the Corporation processed $\$ 95.7$ billion and $\$ 90.1$ billion of transactions and recorded losses as a result of these chargebacks of $\$ 5$ million and $\$ 2$ million. For the nine months ended September 30, 2008 and 2007, the Corporation processed $\$ 279.0$ billion and $\$ 264.5$ billion of transactions and recorded losses as a result of these chargebacks of $\$ 15$ million and $\$ 10$ million.

At September 30, 2008 and December 31, 2007, the Corporation held as collateral $\$ 26$ million and $\$ 19$ million of merchant escrow deposits which the Corporation has the right to offset against amounts due from the individual merchants. The Corporation 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 September 30, 2008 and December 31, 2007, the maximum potential exposure totaled approximately $\$ 152.6$ billion and $\$ 151.2$ billion.

## Other Guarantees

For additional information on other guarantees, see Note 13 Commitments and Contingencies to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K. For additional information on recourse obligations related to residential mortgage loans sold and other guarantees related to securitizations, see Note 8 Securitizations to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

## Litigation and Regulatory Matters

The following supplements the disclosure in Note 13 Commitments and Contingencies to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K and in the Corporation s Quarterly Report on Form 10-Q for the periods ended March 31, 2008 and June 30, 2008.

## Auction Rate Securities Litigation and Investigations

The Bearman, Cattell and Ben-Tal putative class actions have been voluntarily dismissed. In September 2008, two civil antitrust putative class actions (City of Baltimore v. Citigroup et al., and Mayfield v. Citigroup et al.) were filed against the Corporation and other financial institutions. These antitrust actions allege that the defendants conspired to restrain trade in auction rate securities (ARS) by artificially supporting auctions and later withdrawing that support. Plaintiff in Bondar has petitioned the Judicial Panel on Multi-District Litigation to consolidate all of the ARS cases nationwide (including the remaining Bank cases and the industry-wide antitrust cases), into one legal proceeding in federal court. Additionally, approximately 26 separate Financial Industry Regulatory Authority arbitrations have been filed nationwide against Banc of America Investment Services, Inc., Banc of America Securities LLC (BAS) and LaSalle Financial Services.

On September 10, 2008, Bank of America announced an agreement in principle with the Massachusetts Securities Division, without admitting or denying allegations of wrongdoing, under which it will offer to purchase at par ARS held by certain customers. On October 8, 2008, Bank of America announced agreements in principle with the Securities and Exchange Commission (SEC), the Office of the New York State Attorney General (NYAG), and the North American Securities Administrators Association. The agreements are substantially similar except that the agreement with the NYAG requires the payment of a $\$ 50$ million penalty to be allocated among and at the discretion of the settling states. In addition, the agreement with the SEC provides that the SEC reserves the right to seek an additional penalty in the event it concludes Bank of America has not satisfied its obligations under the agreement. Including the penalty discussed above, Bank of America recorded a pre-tax charge of $\$ 363$ million in connection with the purchase of ARS from clients. Most of this charge results from the difference between the purchase price and the estimated value of the securities.

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## Countrywide Bond Insurance Litigation

Countrywide Financial Corporation (CFC) and other Countrywide entities have been named as defendants in an action filed by MBIA Insurance Corporation (MBIA) in New York Supreme Court. The action relates to bond insurance policies provided by MBIA with regard to certain securitized pools of home equity lines of credit and fixed-rate second lien mortgage loans. MBIA allegedly has paid claims as a result of defaults in the underlying loans, and claims that these defaults are the result of improper underwriting. The complaint alleges misrepresentation and breach of contract, among other claims, and seeks unspecified actual and punitive damages, and attorneys fees.

## Countrywide Consolidated Securities Litigation

Argent Classic Convertible Arbitrage Fund L.P. v. Countrywide Financial Corp. et al., was filed in U. S. District Court for the Central District of California allegedly on behalf of purchasers of certain Series A and B debentures issued in various private placements pursuant to a May 16, 2007 CFC offering memorandum. This matter makes allegations similar to the allegations in the In re Countrywide Financial Corporation Securities Litigation case and seeks unspecified damages.

## Countrywide Mortgage-Backed Securities Litigation

CFC and certain other Countrywide entities, as well as BAS, have been named as defendants in two putative securities class actions (Luther v. Countrywide Home Loans Servicing LP, et al. and Washington State Plumbing \& Pipefitting Pension Trust v. Countrywide Financial Corporation, et al.) filed in Los Angeles Superior Court relating to the public offering of various mortgage-backed securities. These cases have been consolidated. The cases have been allegedly brought on behalf of purchasers of certain mortgage-backed securities for which certain Countrywide entities filed registration statements and prospectus supplements. The consolidated complaint alleges, among other things, that the mortgage loans underlying these securities were improperly underwritten and failed to comply with the guidelines and processes described in the applicable registration statements and prospectus supplements. The consolidated complaint seeks unspecified compensatory damages, among other relief. In addition, a complaint has been filed in the First Judicial Court for the County of Santa Fe by three New Mexico governmental entities that allegedly acquired certain of these securities, which asserts similar claims and also seeks unspecified monetary damages and other forms of relief.

## Countrywide State and Local Enforcement Actions

The state lawsuits have been settled in principle, except for substantially similar lawsuits brought by West Virginia and Indiana. The settlement provides for a loan modification program, principally for subprime and pay option ARM borrowers, and a nationwide fund of up to $\$ 150$ million for foreclosure relief programs designated by certain settling states and for payments to individuals whose property was foreclosed and, prior to foreclosure, had made few mortgage payments. The settlements are subject to the negotiation and execution of agreements and the court s approval of such agreements.

## Heilig-Meyers Litigation

In AIG Global Securities Lending Corp., et al. v. Banc of America Securities LLC, pending in the U. S. District Court for the Southern District of New York, the plaintiffs purchased asset-backed securities issued by a trust formed by Heilig-Meyers Co., and allege that BAS, as underwriter, made misrepresentations in connection with the sale of those securities. The plaintiffs are asserting claims against BAS for violations of Section 10(b) of the Securities Exchange Act of 1934, Rule 10 b-5 and common law fraud. Plaintiffs seek approximately $\$ 200$ million in compensatory damages as well as punitive damages. The trial in the case commenced on October 27, 2008.

## Interchange Antitrust Litigation and Visa-Related Litigation

## Discover

The case Discover Financial Services v. Visa USA, et al., has been settled. The Corporation expects that the escrow that was initially funded in connection with the Visa IPO will pay, in whole or in part, the liabilities resulting from the settlement.

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## Lehman Brothers Holdings, Inc.

In September 2008, BAS, along with a number of other underwriters and individuals, was named as a defendant in a putative class action complaint filed in the U.S. District Court for the Southern District of New York, captioned Fogel Capital Management, Inc. v. Richard S. Fuld, $J r$., et al. Plaintiffs allege that BAS and the other underwriter defendants violated Section 11 of the Securities Act of 1933 by making false or misleading disclosures in connection with a February 2008 offering of preferred stock of Lehman Brothers Holdings, Inc. Plaintiffs seek unspecified damages.

## Parmalat Finanziaria S.p.A

On August 12, 2008, the District Court dismissed the class action entitled In re Parmalat Securities Litigation against the Corporation in its entirety.

On October 9, 2008 the Public Prosecutor of the Court of Parma, Italy filed a notice of intent to file criminal charges against twelve former and current employees of the Corporation in connection with the insolvency of Parmalat S.p.A. The notice of intent to file charges alleges that the Corporation s transactions with Parmalat contributed to the insolvency of Parmalat, that certain transactions violated the Italian usury laws, and that certain former employees of the Corporation wrongly diverted funds in connection with certain transactions.

## Pension Plan Matters

## Richards

On October 15, 2008, the Court granted final approval of the settlement.

## NOTE 13 Shareholders Equity and Earnings Per Common Share

In October 2008, the Corporation issued common stock, preferred stock and warrants to purchase common stock. For additional information, see Note 19 Subsequent Events to the Consolidated Financial Statements.

## Common Stock

The Corporation may repurchase shares, subject to certain restrictions, from time to time, in the open market or in private transactions through the Corporation s approved repurchase program. For the nine months ended September 30, 2008, the Corporation did not repurchase any shares of common stock and issued 107 million shares in connection with the Countrywide acquisition and 17.4 million shares under employee stock plans. The declaration of common stock dividends and the repurchase of common shares are subject to certain restrictions. For more information see Note 19 Subsequent Events to the Consolidated Financial Statements.

In October 2008, the Board declared a quarterly cash dividend of $\$ 0.32$ per common share payable on December 26, 2008 to common shareholders of record on December 5, 2008. In July 2008, the Board declared a third quarter cash dividend of $\$ 0.64$ per common share which was paid on September 26, 2008 to common shareholders of record on September 5, 2008. In April 2008, the Board declared a second quarter cash dividend of $\$ 0.64$ per common share which was paid on June 27, 2008 to shareholders of record on June 6, 2008. In January 2008, the Board declared a first quarter cash dividend of $\$ 0.64$ per common share which was paid on March 28, 2008 to shareholders of record on March 7, 2008.

## Preferred Stock

During the first, second and third quarters of 2008, the aggregate dividends declared on preferred stock were $\$ 190$ million, $\$ 186$ million and $\$ 473$ million. The declaration of preferred stock dividends and the repurchase of preferred shares is subject to certain restrictions. For more information see Note 19 Subsequent Events to the Consolidated Financial Statements.

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In May and June 2008, the Corporation issued 117 thousand shares of Bank of America Corporation $8.20 \%$ Non-Cumulative Preferred Stock, Series H (Series H Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 2.9$ billion. Ownership is held in the form of depositary shares, each representing a $1 / 1,000^{\text {th }}$ interest in a share of Series H Preferred Stock, paying a quarterly cash dividend on the liquidation preference of $\$ 25,000$ per share of Series H Preferred Stock at an annual rate of 8.20 percent. On any dividend date on or after May 1, 2013, the Corporation may redeem Series H Preferred Stock, in whole or in part, at its option, at $\$ 25,000$ per share, plus declared and unpaid dividends. The Series H Preferred Stock is not convertible.

In April 2008, the Corporation issued 160 thousand shares of Bank of America Corporation Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M (Series M Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 4.0$ billion. The fixed rate is 8.125 percent through May 14 , 2018 and then adjusts to three-month LIBOR plus 364 basis points (bps) thereafter. Ownership is held in the form of depositary shares, each representing a $1 / 25^{\text {th }}$ interest in a share of Series M Preferred Stock, paying a semiannual cash dividend through May 14,2018 then adjusts to a quarterly cash dividend, on the liquidation preference of $\$ 25,000$ per share of Series M Preferred Stock. On any dividend date on or after May 15, 2018, the Corporation may redeem the Series M Preferred Stock, in whole or in part, at its option, at $\$ 25,000$ per share, plus declared and unpaid dividends. The Series M Preferred Stock is not convertible.

In January 2008, the Corporation issued 240 thousand shares of Bank of America Corporation Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K (Series K Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 6.0$ billion. The fixed rate is 8.00 percent through January 29 , 2018 and then adjusts to three-month LIBOR plus 363 bps thereafter. Ownership is held in the form of depositary shares, each representing a $1 / 25^{\text {th }}$ interest in a share of Series K Preferred Stock, paying a semiannual cash dividend through January 29, 2018 then adjusts to a quarterly cash dividend, on the liquidation preference of $\$ 25,000$ per share of Series K Preferred Stock. On any dividend date on or after January 30 , 2018, the Corporation may redeem the Series K Preferred Stock, in whole or in part, at its option, at $\$ 25,000$ per share, plus declared and unpaid dividends. The Series K Preferred Stock is not convertible.

Also in January 2008, the Corporation issued 6.9 million shares of Bank of America Corporation $7.25 \%$ Non-Cumulative Perpetual Convertible Preferred Stock, Series L (Series L Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 6.9$ billion, paying a quarterly cash dividend on the liquidation preference of $\$ 1,000$ per share of Series L Preferred Stock at an annual rate of 7.25 percent. 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 right 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.

The shares of the series of preferred stock discussed above are not subject to the operation of a sinking fund and have no participation rights. The holders of these series have no general voting rights. If any dividend payable on these series is in arrears for three or more semiannual 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 semiannual or four quarterly dividend periods, as applicable, following the dividend arrearage.

For a more detailed discussion of the Corporation s preferred stock, see Note 14 Shareholders Equity and Earnings per Common Share to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

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## Accumulated OCI

The following table presents the changes in accumulated OCI for the nine months ended September 30, 2008 and 2007, net-of-tax.

| (Dollars in millions) | Securities ${ }^{(1)}$ |  | Derivatives ${ }^{(2)}$ |  | Employee Benefit Plans |  | Foreign |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Currency ${ }^{(4)}$ |  |  |  |
| Balance, December 31, 2007 | \$ | 6,536 |  |  | \$ | $(4,402)$ | \$ | $(1,301)$ | \$ | 296 | \$ 1,129 |
| Net change in fair value recorded in accumulated OCI |  | $(8,405)$ |  | (95) |  | - |  | (242) | $(8,742)$ |
| Net realized losses reclassified into earnings ${ }^{(3)}$ |  | 1,351 |  | 580 |  | 35 |  | - | 1,966 |
| Balance, September 30, 2008 | \$ | (518) | \$ | $(3,917)$ | \$ | $(1,266)$ | \$ | 54 | \$ $\mathbf{( 5 , 6 4 7 )}$ |
| Balance, December 31, 2006 | \$ | $(2,733)$ | \$ | $(3,697)$ | \$ | $(1,428)$ | \$ | 147 | \$ (7,711) |
| Net change in fair value recorded in accumulated OCI |  | (792) |  | (409) |  | - |  | 149 | $(1,052)$ |
| Net realized (gains) losses reclassified into earnings ${ }^{(3)}$ |  | (338) |  | 387 |  | 92 |  | 7 | 148 |
| Balance, September 30, 2007 | \$ | $(3,863)$ | \$ | $(3,719)$ | \$ | $(1,336)$ | \$ | 303 | \$ $(8,615)$ |

${ }^{(1)}$ For the nine months ended September 30, 2008 and 2007, the Corporation reclassified net realized (gains) losses into earnings on the sale and other-than-temporary impairments of AFS debt securities of $\$ 1.1$ billion and $\$(45)$ million, net-of-tax, and net realized (gains) losses on the sales and other-than-temporary impairments of AFS marketable equity securities of $\$ 206$ million and $\$(293)$ million, net-of-tax.
(2) The amounts included in accumulated OCI for terminated interest rate derivative contracts were losses of $\$ 3.8$ billion and $\$ 3.2$ billion, net-of-tax, at September 30, 2008 and 2007.
${ }^{(3)}$ Included in this line item are amounts related to derivatives used in cash flow hedge relationships. These amounts are reclassified into earnings in the same period or periods during which the hedged forecasted transactions affect earnings. This line item also includes (gains) losses on AFS debt and marketable equity securities and impairment charges. These amounts are reclassified into earnings upon sale of the related security or when the other-than-temporary impairment charge is recognized.
${ }^{(4)}$ For the nine months ended September 30, 2008, the net change in fair value recorded in accumulated OCI represented $\$ 1.6$ billion in losses associated with the Corporation s foreign currency translation adjustments on its net investment in consolidated foreign operations partially offset by gains of $\$ 1.4$ billion on the related foreign currency exchange hedging results.

## Earnings per Common Share

Earnings per common share is computed by dividing net income available to common shareholders by the weighted average common shares issued and outstanding. For diluted earnings per common share, net income available to common shareholders can be affected by the conversion of the registrant s convertible preferred stock. Where the effect of this conversion would have been dilutive, net income available to common shareholders is adjusted by the associated preferred dividends. This adjusted net income is divided by the weighted average number of common shares issued and outstanding for each period plus amounts representing the dilutive effect of stock options outstanding, restricted stock, restricted stock units and the dilution resulting from the conversion of the registrant s convertible preferred stock, if applicable. The effects of convertible preferred stock, restricted stock, restricted stock units and stock options are excluded from the computation of diluted earnings per common share in periods in which the effect would be antidilutive.

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The calculation of earnings per common share and diluted earnings per common share for the three and nine months ended September 30, 2008 and 2007 is presented below.

| (Dollars in millions, except per share information; shares in thousands) | Three Months Ended September 30 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Earnings per common share |  |  |  |  |  |  |  |  |
| Net income | \$ | 1,177 | \$ | 3,698 | \$ | 5,797 | \$ | 14,714 |
| Preferred stock dividends |  | (473) |  | (43) |  | (849) |  | (129) |
| Net income available to common shareholders | \$ | 704 | \$ | 3,655 | \$ | 4,948 | \$ | 14,585 |
| Average common shares issued and outstanding |  | 43,963 |  | 4,420,616 |  | 69,517 |  | 4,424,269 |
| Earnings per common share | \$ | 0.15 | \$ | 0.83 | \$ | 1.11 | \$ | 3.30 |
| Diluted earnings per common share |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | \$ | 704 | \$ | 3,655 | \$ | 4,948 | \$ | 14,585 |
| Average common shares issued and outstanding |  | 43,963 |  | 4,420,616 |  | 69,517 |  | 4,424,269 |
| Dilutive potential common shares ${ }^{(1,2)}$ |  | 19,545 |  | 55,301 |  | 23,989 |  | 59,196 |
| Total diluted average common shares issued and outstanding |  | 63,508 |  | 4,475,917 |  | 3,506 |  | 4,483,465 |
| Diluted earnings per common share | \$ | 0.15 | \$ | 0.82 | \$ | 1.10 | \$ | 3.25 |

[^3]${ }^{(2)}$ Includes incremental shares from restricted stock units, restricted stock shares and stock options.

## NOTE 14 Pension and Postretirement Plans

The Corporation sponsors noncontributory trusteed qualified pension plans that cover substantially all officers and employees, a number of noncontributory nonqualified pension plans, and postretirement health and life plans. 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. For account balances based on compensation credits subsequent to December 31, 2007, the account balance earnings rate is based on a benchmark rate. A detailed discussion of these plans is presented in Note 16 Employee Benefit Plans to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

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As a result of the Countrywide acquisition, the Corporation assumed the obligations related to the Countrywide plans.

Net periodic benefit cost (income) of the Corporation s plans including Countrywide plans, for the three and nine months ended September 30, 2008 and 2007 included the following components:

| (Dollars in millions) | Three Months Ended September 30 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Qualified Pension Plans |  |  |  | Nonqualified Pension Plans |  |  |  | Postretirement Health and Life Plans |  |  |  |
|  | $2008{ }^{(1)}$ |  | 2007 |  | $2008{ }^{(1)}$ |  | 2007 |  | $2008{ }^{(1)}$ |  | 2007 |  |
| Components of net periodic benefit cost (income) |  |  |  |  |  |  |  |  |  |  |  |  |
| Service cost | \$ | 92 |  |  | \$ | 2 | \$ | 2 | \$ | 4 | \$ | 4 |
| Interest cost |  | 213 |  | 186 |  | 20 |  | 18 |  | 22 |  | 21 |
| Expected return on plan assets |  | (364) |  | (322) |  | - |  | - |  | (3) |  | (2) |
| Amortization of transition obligation |  | - |  | - |  | - |  | - |  | 8 |  | 8 |
| Amortization of prior service cost (credits) |  | 8 |  | 12 |  | (2) |  | (2) |  | - |  | - |
| Recognized net actuarial loss (gain) |  | 19 |  | 38 |  | 3 |  | 4 |  | (18) |  | (16) |
| Net periodic benefit cost (income) | \$ | (32) | \$ | (8) | \$ | 23 | \$ | 22 | \$ | 13 | \$ | 15 |

Nine Months Ended September 30

| (Dollars in millions) | Qualified Pension Plans |  |  |  | Nonqualified Pension Plans |  |  |  | Postretirement Health and Life Plans |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $2008{ }^{(1)}$ |  | 2007 |  | $2008{ }^{(1)}$ |  | 2007 |  | $2008{ }^{(1)}$ |  | 2007 |  |
| Components of net periodic benefit cost (income) |  |  |  |  |  |  |  |  |  |  |  |  |
| Service cost | \$ | 249 | \$ | 229 | \$ | 5 | \$ | 6 | \$ | 12 | \$ | 11 |
| Interest cost |  | 624 |  | 546 |  | 58 |  | 52 |  | 65 |  | 62 |
| Expected return on plan assets |  | $(1,080)$ |  | (950) |  | - |  | - |  | (9) |  | (5) |
| Amortization of transition obligation |  | - |  | - |  | - |  | - |  | 24 |  | 24 |
| Amortization of prior service cost (credits) |  | 25 |  | 36 |  | (6) |  | (6) |  | - |  | - |
| Recognized net actuarial loss (gain) |  | 57 |  | 114 |  | 10 |  | 13 |  | (54) |  | (47) |
| Recognized loss due to settlements and curtailments |  | - |  | - |  | - |  | 13 |  | - |  | - |
| Net periodic benefit cost (income) |  | (125) | \$ | (25) | \$ | 67 | \$ | 78 | \$ | 38 | \$ | 45 |

[^4]
## NOTE 15 Income Taxes

In August 2008, the Internal Revenue Service (IRS) announced a settlement initiative related to lease-in, lease-out (LILO) and sale-in, lease-out (SILO) leveraged lease transactions. Pursuant to the settlement initiative, the Corporation received offers to settle its LILOs and SILOs and accepted these offers. According to the terms of the settlement initiative, an acceptance will not be binding until a closing agreement is executed by both parties.

The Corporation revised the assumptions associated with the projected cash flows of the relevant leases to reflect its expectation as of September 30, 2008 of receiving the tax treatment offered by the leasing settlement initiative. The recalculation resulted in an after-tax charge of $\$ 107$ million, which included a reduction of $\$ 40$ million, after tax, of accrued interest expense associated with income taxes expected to be due upon settlement.

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As of September 30, 2008 and December 31, 2007, the balance of the Corporation s unrecognized tax benefits was $\$ 3.7$ billion and $\$ 3.1$ billion. This increase resulted primarily from the acquisition of Countrywide and the evaluation of new information in the remeasurement of prior period tax positions relating to both temporary and permanent differences.

## Note 16 Fair Value Disclosures

## Fair Value Option

## Corporate Loans and Loan Commitments

The Corporation accounts for certain large corporate loans and loan commitments which exceeded the Corporation s single name credit risk concentration guidelines at fair value in accordance with SFAS No. 159 The Fair Value Option for Financial Assets and Financial Liabilities (SFAS 159). 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. These credit derivatives do not meet the requirements for hedge accounting under SFAS 133 and are therefore carried at fair value with changes in fair value recorded in other income. SFAS 159 allows the Corporation to account for these loans and loan commitments at fair value, which is more consistent with 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.

At September 30, 2008 and December 31, 2007, funded loans that the Corporation fair values had an aggregate fair value of $\$ 5.38$ billion and $\$ 4.59$ billion recorded in loans and leases and an aggregate outstanding principal balance of $\$ 5.85$ billion and $\$ 4.82$ billion. At September 30, 2008 and December 31, 2007, unfunded loan commitments that the Corporation fair values had an aggregate fair value of $\$ 716$ million and $\$ 660$ million recorded in accrued expenses and other liabilities and an aggregate committed exposure of $\$ 17.3$ billion and $\$ 20.9$ billion. Interest income on these loans and commitment fees on these loan commitments are recorded in interest and fees on loans and leases. At September 30, 2008 and December 31, 2007, none of these loans were 90 days or more past due and still accruing interest or have been placed on nonaccrual status. Net losses resulting from changes in fair value of these loans and loan commitments of $\$ 187$ million and $\$ 140$ million were recorded in other income during the three months ended September 30, 2008 and 2007 while net losses of $\$ 314$ million and $\$ 180$ million were recorded during the nine months ended September 30, 2008 and 2007. These gains and losses were primarily attributable to changes in instrument-specific credit risk. These changes in fair value were predominately offset by hedging activities.

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## Loans Held-for-Sale

The Corporation also accounts for certain LHFS at fair value. Using fair value allows a better offset of the changes in fair values of the loans and the derivative instruments used to economically hedge them without the burden of complying with the requirements for hedge accounting under SFAS 133. The Corporation does not fair value other LHFS primarily because these loans are floating rate loans that are not economically hedged using derivative instruments. Fair values for 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 and adjusted to reflect the inherent credit risk. At September 30, 2008 and December 31, 2007, residential mortgage loans, commercial mortgage loans, and other LHFS that the Corporation fair values had an aggregate fair value of $\$ 15.61$ billion and $\$ 15.77$ billion and an aggregate outstanding principal balance of $\$ 17.32$ billion and $\$ 16.72$ billion, primarily within GCSBB. Interest income on LHFS is recorded in other interest income. Net gains resulting from changes in fair value of these loans during the three months ended September 30, 2008 and 2007, including realized gains (losses) on sale, of $\$ 520$ million and $\$ 81$ million were recorded in mortgage banking income, $\$(176)$ million and $\$ 59$ million were recorded in trading account profits (losses), and $\$(38)$ million and $\$(46)$ million were recorded in other income. Approximately $\$ 87$ million of losses were attributable to instrument-specific credit risk during the three months ended September 30, 2008. During the nine months ended September 30, 2008 and 2007 net gains (losses), including realized gains on sale, of $\$ 637$ million and $\$ 120$ million were recorded in mortgage banking income, $\$(673)$ million and $\$(186)$ million were recorded in trading account profits (losses), and $\$(56)$ million and $\$(53)$ million were recorded in other income. Approximately $\$ 137$ million of losses were attributable to instrument-specific credit risk during the nine months ended September 30, 2008. These changes in fair value were predominately offset by hedging activities.

## Structured Reverse Repurchase Agreements

The Corporation fair values certain structured reverse repurchase agreements which are hedged with derivatives. Using fair value allows the Corporation to reduce volatility in earnings without the burden of complying with the requirements of hedge accounting under SFAS 133. At September 30, 2008 and December 31, 2007, these instruments had an aggregate fair value of $\$ 2.64$ billion and $\$ 2.58$ billion and a principal balance of $\$ 2.64$ billion and $\$ 2.54$ billion recorded in federal funds sold and securities purchased under agreements to resell. Interest earned on these instruments continues to be recorded in interest income. Net gains (losses) resulting from changes in fair value of these instruments of \$(8) million and $\$ 8$ million were recorded in other income for the three months ended September 30, 2008 and 2007, while gains (losses) of $\$(15)$ million and $\$ 16$ million were recorded for the nine months ended September 30, 2008 and 2007. The Corporation does not fair value other financial instruments within the same balance sheet category because they were not economically hedged using derivatives.

## Long-term Deposits

The Corporation fair values certain long-term fixed rate deposits which are economically hedged with derivatives. At September 30, 2008 and December 31, 2007, these instruments had an aggregate fair value of $\$ 1.74$ billion and $\$ 2.00$ billion and a principal balance of $\$ 1.75$ billion and $\$ 1.99$ billion recorded in interest-bearing deposits. Interest paid on these instruments continues to be recorded in interest expense. Net gains (losses) resulting from changes in fair value of these instruments of $\$ 43$ million and $\$(25)$ million were recorded in other income for the three months ended September 30, 2008 and 2007 while net gains (losses) of $\$ 22$ million and $\$(4)$ million were recorded for the nine months ended September 30, 2008 and 2007. Using fair value 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 does not fair value other financial instruments within the same balance sheet category because they were not economically hedged using derivatives.

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Fair Value Measurement

SFAS 157 defines fair value 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 in SFAS 157 which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair value. The Corporation carries certain corporate loans and loan commitments, LHFS, structured reverse repurchase agreements, and long-term deposits at fair value in accordance with SFAS 159. The Corporation also carries at fair value trading account assets and liabilities, derivative assets and liabilities, AFS debt securities, mortgage servicing rights (MSRs), and certain other assets. A detailed discussion on how the Corporation measures fair value is presented in Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

## Level 1, 2 and 3 Valuation Techniques

Financial instruments are considered Level 1 when valuation can be 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 other inputs that are observable or can be corroborated by observable market data of 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 also 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 off of the index-based values. In other cases, market indices are also used as inputs to valuation, but are adjusted for trade specific factors such as rating, credit quality, vintage and other factors.

## Corporate Loans and Loan Commitments

The fair values of loans and loan commitments are based on market prices, where available, or discounted cash flows 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.

## Structured Reverse Repurchase Agreements and Long-term Deposits

The fair values of structured reverse repurchase agreements and long-term deposits 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, which are used 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. The Corporation does incorporate, consistent with the requirements of SFAS 157, within its fair value measurements of long-term deposits the net credit differential between the counterparty credit risk and our own credit risk. The value of the net 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 within the determination of fair value, primarily based on historical experience, adjusted for any more recent name specific expectations.

## 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 or 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 such as certain CDO positions and other ABS. Some of these instruments are valued using a net asset value

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approach, which considers the value of the underlying securities. Underlying assets are valued using external pricing services, where available, or matrix

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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 rating agencies.

## Derivative Assets and Liabilities

The fair values of derivative assets and liabilities traded in the over-the-counter 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 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. Consistent with the way the Corporation fair values long-term deposits as discussed above, the Corporation incorporates, within its fair value measurements of over-the-counter derivatives, the net credit differential between the counterparty credit risk and our own credit risk.

## Mortgage Servicing Rights

The fair values of MSRs are determined using models which depend on estimates of prepayment rates, the resultant weighted average lives of the MSRs and the option adjusted spread levels. For more information on MSRs, see Note 17 Mortgage Servicing Rights to the Consolidated Financial Statements.

## 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 Corporation fair values certain other assets including AFS equity securities and certain retained residual interests in securitization vehicles. The fair values of AFS equity securities are generally based on quoted market prices or market prices for similar assets. However, non-public investments are initially valued at transaction price and subsequently adjusted when evidence is available to support such adjustments. Retained residual interests in securitization vehicles are based on certain observable inputs such as interest rates and credit spreads, as well as unobservable inputs such as estimated net charge-off and payment rates.

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Assets and liabilities measured at fair value on a recurring basis, including financial instruments that the Corporation accounts for at fair value in accordance with SFAS 159, are summarized below:

| (Dollars in millions) | September 30, 2008 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value Measurements Using |  |  | Netting Adjustments (1) |  | Assets/Liabilities at Fair Value |  |
| Assets |  |  |  |  |  |  |  |
| Federal funds sold and securities purchased under agreements to resell | \$ | \$ 2,636 | \$ | \$ | - | \$ | 2,636 |
| Trading account assets | 38,777 | 128,371 | 7,711 |  | - |  | 174,859 |
| Derivative assets | 935 | 614,063 | 9,071 |  | $(578,277)$ |  | 45,792 |
| Available-for-sale debt securities | 3,224 | 244,474 | 9,729 |  | - |  | 257,427 |
| Loans and leases ${ }^{(2)}$ | - | - | 5,383 |  | - |  | 5,383 |
| Mortgage servicing rights | - |  | 20,811 |  | - |  | 20,811 |
| Loans held-for-sale | - | 12,123 | 3,487 |  | - |  | 15,610 |
| Other assets ${ }^{(3)}$ | 21,408 | 1,356 | 3,735 |  | - |  | 26,499 |
| Total assets | \$ 64,344 | \$ 1,003,023 | \$ 59,927 | \$ | $(578,277)$ | \$ | 549,017 |
| Liabilities |  |  |  |  |  |  |  |
| Interest-bearing deposits in domestic offices | \$ | \$ 1,737 | \$ | \$ | - | \$ | 1,737 |
| Trading account liabilities | 53,091 | 15,138 | - |  | - |  | 68,229 |
| Derivative liabilities | 1,160 | 588,093 | 7,359 |  | (570,146) |  | 26,466 |
| Accrued expenses and other liabilities | - | - | 1,854 |  | - |  | 1,854 |
| Total liabilities | \$ 54,251 | \$ 604,968 | \$ 9,213 | \$ | $(570,146)$ | \$ | 98,286 |


|  | December 31, 2007 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |  |  |  |  |
| Federal funds sold and securities purchased under agreements to resell | \$ | \$ | 2,578 | \$ - | \$ | - | \$ | 2,578 |
| Trading account assets | 42,986 |  | 115,051 | 4,027 |  | - |  | 162,064 |
| Derivative assets | 516 |  | 442,471 | 8,972 |  | $(417,297)$ |  | 34,662 |
| Available-for-sale debt securities | 2,089 |  | 205,734 | 5,507 |  | - |  | 213,330 |
| Loans and leases ${ }^{(2)}$ | - |  | - | 4,590 |  | - |  | 4,590 |
| Mortgage servicing rights | - |  | - | 3,053 |  | - |  | 3,053 |
| Loans held-for-sale | - |  | 14,431 | 1,334 |  | - |  | 15,765 |
| Other assets ${ }^{(3)}$ | 19,796 |  | 1,540 | 3,987 |  | - |  | 25,323 |
| Total assets | \$ 65,387 | , | 781,805 | \$ 31,470 | \$ | $(417,297)$ | \$ | 461,365 |
| Liabilities |  |  |  |  |  |  |  |  |
| Interest-bearing deposits in domestic offices | \$ | \$ | 2,000 | \$ | \$ | - | \$ | 2,000 |
| Trading account liabilities | 57,331 |  | 20,011 | - |  | - |  | 77,342 |
| Derivative liabilities | 534 |  | 426,223 | 10,175 |  | $(414,509)$ |  | 22,423 |
| Accrued expenses and other liabilities | - |  | - | 660 |  | - |  | 660 |
| Total liabilities | \$ 57,865 | \$ | 448,234 | \$ 10,835 | \$ | $(414,509)$ | \$ | 102,425 |

${ }^{(1)}$ Amounts represent the impact of legally enforceable master netting agreements that allow the Corporation to settle positive and negative positions and also cash collateral held or placed with the same counterparties.

[^5]
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${ }^{(3)}$ Other assets include equity investments held by Principal Investing, AFS equity securities and certain retained residual interests in securitization vehicles, including interest-only strips. Substantially all of other assets are eligible for, and the Corporation has not chosen to elect, fair value accounting at September 30, 2008 and December 31, 2007.

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The table below presents a reconciliation of all assets and liabilities measured at fair value on a recurring basis using significant unobservable inputs (Level 3) during the three and nine months ended September 30, 2008 and 2007, including realized and unrealized gains (losses) included in earnings and OCI.

## Level 3-Fair Value Measurements

| (Dollars in millions) | Three Months Ended September 30, 2008 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net <br> Derivatives ${ }^{(1)}$ | Trading Account Assets | Available-forSale Debt Securities | $\begin{gathered} \text { Loans } \\ \text { and } \\ \text { Leases }^{(2)} \end{gathered}$ | Mortgage Servicing Rights | Loans <br> Held-for-Sale ${ }^{(2)}$ | $\begin{gathered} \text { Other } \\ \text { Assets }^{(3)} \end{gathered}$ | Accrued Expenses and Other Liabilities ${ }^{(2)}$ |
| Balance, June 30, 2008 | \$ 1,317 | \$ 5,646 | \$ 8,324 | \$ 5,014 | \$ 4,250 | \$ 2,011 | \$ 4,013 | \$ (723) |
| Countrywide acquisition | (185) | 1,407 | 528 | - | 17,188 | 1,425 | - | $(1,212)$ |
| Included in earnings | 1,795 | $(1,332)$ | (802) | (179) | (179) | (275) | (344) | 22 |
| Included in other comprehensive income | - | - | (556) | - | - | - | - | - |
| Purchases, issuances, and settlements | (425) | (642) | 1,468 | 548 | (448) | (219) | 66 | 59 |
| Transfers in to (out of) Level 3 | (790) | 2,632 | 767 | - | - | 545 | - | - |
| Balance, September 30, 2008 | \$ 1,712 | \$ 7,711 | 9,729 | \$ 5,383 | \$ 20,811 | \$ 3,487 | \$ 3,735 | \$ (1,854) |

Three Months Ended September 30, 2007

| Three Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance, June 30, 2007 | \$ $(1,301)$ | \$ | 289 | \$ | 226 | \$ 3,606 | \$ | 3,269 | \$ | 507 | \$ 6,163 | \$ | (391) |
| Included in earnings | 411 |  | (248) |  | - | (79) |  | (151) |  | (45) | 273 |  | (63) |
| Included in other comprehensive income | - |  | - |  | (83) | - |  |  |  | - | (10) |  | - |
| Purchases, issuances, and settlements | 207 |  | 412 |  | 385 | 998 |  | 61 |  | (41) | $(1,878)$ |  | - |
| Transfers in to (out of) Level 3 | 61 |  | 3,258 |  | - | - |  | - |  | 1,952 | (40) |  | - |



| Nine Months Ended September 30, 2008 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ $(1,203)$ | \$ 4,027 | \$ | 5,507 | \$ 4,590 | \$ | 3,053 | \$ | 1,334 | \$ | 3,987 | \$ | (660) |

Balance, January 1, 2008

| Countrywide acquisition | (185) | 1,407 |  | 528 | - | 17,188 |  | 1,425 | - |  | $(1,212)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Included in earnings | 1,484 | $(2,103)$ |  | $(1,601)$ | (249) | 409 |  | (380) | 305 |  | (41) |
| Included in other comprehensive income | - | - |  | $(1,060)$ | - | - |  | - | - |  | . |
| Purchases, issuances, and settlements | 2,048 | $(1,437)$ |  | 457 | 1,042 | 161 |  | (604) | (414) |  | 59 |
| Transfers in to (out of) Level 3 | (432) | 5,817 |  | 5,898 | - | - |  | 1,712 | (143) |  | - |
| Balance, September 30, 2008 | \$ 1,712 | \$ 7,711 | \$ | 9,729 | \$ 5,383 | \$ 20,811 | \$ | 3,487 | \$ 3,735 | \$ | $(1,854)$ |

Nine Months Ended September 30, 2007


| Included in earnings | (172) | $(297)$ | - | $(78)$ | 388 | (49) | 2,218 | (105) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Included in other comprehensive <br> income | - | - | $(79)$ | - | - | - | $(73)$ | - |
| Purchases, issuances, and settlements | $(252)$ | 436 | 376 | 656 | $(78)$ | 107 | $(4,176)$ |  |
|  |  |  |  |  |  |  |  |  |
| Transfers in to (out of) Level 3 | $(986)$ | 3,269 | 231 | - | - | 2,315 | $(66)$ |  |


(1) Net derivatives at September 30, 2008 and 2007 included derivative assets of $\$ 9.07$ billion and $\$ 9.00$ billion and derivative liabilities of $\$ 7.36$ billion and $\$ 9.63$ billion. Net derivatives acquired in connection with Countrywide included derivative assets of $\$ 107$ million and derivative liabilities of $\$ 292$ million.
(2) Amounts represent items which are accounted for at fair value in accordance with SFAS 159 including commercial loan commitments and certain secured financings recorded in accrued expenses and other liabilities.
(3) Other assets include equity investments held by Principal Investing and certain retained interests in securitization vehicles, including interest-only strips.

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The table below summarizes gains and losses due to changes in fair value, including both realized and unrealized gains and losses, recorded in earnings for Level 3 assets and liabilities during the three and nine months ended September 30, 2008 and 2007. These amounts include those gains and losses generated by loans, LHFS and loan commitments which are accounted for at fair value in accordance with SFAS 159.

## Level 3-Total Realized and Unrealized Gains (Losses) Included in Earnings

| (Dollars in millions) | Three Months Ended September 30, 2008 Loans |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net <br> Derivatives | Trading Account Assets | Available-for-Sale Debt Securities |  | $\begin{gathered} \text { Loans } \\ \text { and } \\ \text { Leases }{ }^{(1)} \end{gathered}$ |  | Mortgage Servicing Rights |  | $\begin{aligned} & \text { Held- } \\ & \text { for- } \\ & \text { Sale } \end{aligned}$ | Other Assets |  | Accrued Expenses and Other Liabilities ${ }^{(1)}$ |  | Total |  |
| Card income (loss) | \$ | \$ | \$ | - | \$ | - | \$ | - | \$ | + | (396) | \$ | - | \$ | (396) |
| Equity investment income | - | - |  | - |  | - |  | - | - |  | 52 |  | - |  | 52 |
| Trading account profits (losses) | 1,068 | $(1,308)$ |  | - |  | 3 |  | - | (165) |  | - |  | 12 |  | (390) |
| Mortgage banking income (loss) | 727 | (24) |  | (25) |  | - |  | (179) | (110) |  | - |  | 15 |  | 404 |
| Other income (loss) | - | - |  | (777) |  | (182) |  | - | - |  | - |  | (5) |  | (964) |
| Total | \$ 1,795 | \$ (1,332) | \$ | (802) | \$ | (179) | \$ | (179) | \$ (275) | \$ | (344) | \$ | 22 |  | (1,294) |
|  | Three Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income (loss) | \$ | \$ - | \$ | - | \$ | - | \$ | - | \$ | \$ | (34) | \$ | - | \$ | (34) |
| Equity investment income | - | - |  | - |  | - |  | - | - |  | 297 |  | - |  | 297 |
| Trading account profits (losses) | 332 | (248) |  | - |  | - |  | - | (39) |  | - |  | (2) |  | 43 |
| Mortgage banking income (loss) | 79 | - |  | - |  | - |  | (151) | (6) |  | - |  | - |  | (78) |
| Other income (loss) | - |  |  | - |  | (79) |  | - | - |  | 10 |  | (61) |  | (130) |
| Total | \$ 411 | \$ (248) | \$ | - | \$ | (79) | \$ | (151) | \$ (45) | \$ | 273 | \$ | (63) | \$ | 98 |
|  | Nine Months Ended September 30, 2008 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income (loss) | \$ | \$ | \$ | - | \$ | - | \$ | - | \$ | \$ | (19) | \$ | - | \$ | (19) |
| Equity investment income | - | - |  | - |  | - |  | - | - |  | 316 |  | - |  | 316 |
| Trading account profits (losses) | 718 | $(2,079)$ |  | - |  | 1 |  | - | (205) |  | - |  | 8 |  | 1,557) |
| Mortgage banking income (loss) | 766 | (24) |  | (25) |  | - |  | 409 | (175) |  | - |  | 15 |  | 966 |
| Other income (loss) | - | - |  | $(1,576)$ |  | (250) |  | - | - |  | 8 |  | (64) |  | $(1,882)$ |
| Total | \$ 1,484 | \$ $(2,103)$ | \$ | $(1,601)$ | \$ | (249) | \$ | 409 | \$ (380) | \$ | 305 | \$ | (41) |  | (2,176) |
|  | Nine Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income | \$ | \$ - | \$ | - | \$ | - | \$ | - | \$ | \$ | 246 | \$ | - | \$ | 246 |
| Equity investment income | - | - |  | - |  | - |  | - | - |  | ,908 |  | - |  | 1,908 |
| Trading account profits (losses) | (133) | (297) |  | - |  | - |  | - | (39) |  | - |  | (3) |  | (472) |
| Mortgage banking income (loss) | (39) | - |  | - |  | - |  | 388 | (6) |  | - |  | - |  | 343 |
| Other income (loss) | - | - |  | - |  | (78) |  | - | (4) |  | 64 |  | (102) |  | (120) |
| Total | \$ (172) | \$ (297) | \$ | - | \$ | (78) | \$ | 388 | \$ (49) | \$ | ,218 | \$ | (105) |  | 1,905 |

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The table below summarizes changes in unrealized gains or losses recorded in earnings during the three and nine months ended September 30, 2008 and 2007 for Level 3 assets and liabilities that were still held at September 30, 2008 and 2007. These amounts include changes in fair value of loans, LHFS and loan commitments which are accounted for at fair value in accordance with SFAS 159.

## Level 3 Changes in Unrealized Gains (Losses) Relating to Assets Still Held at Reporting Date

| (Dollars in millions) | Three Months Ended September 30, 2008 Loans |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net <br> Derivatives | Trading Account Assets | Available-for-Sale Debt Securities |  | $\begin{gathered} \text { Loans } \\ \text { and } \\ \text { Leases }^{(1)} \end{gathered}$ |  | Mortgage <br> Servicing Rights |  | $\begin{aligned} & \text { Held- } \\ & \text { for- } \\ & \text { Sale }^{(1)} \end{aligned}$ | Other <br> Assets | Accrued <br> Expenses and Other Liabilities ${ }^{(1)}$ |  | Total |  |
| Card income (loss) | \$ | \$ | \$ | - | \$ | - | \$ | - | \$ | \$ (323) | \$ | - |  | (323) |
| Equity investment income | - | - |  | - |  | - |  | - | - | (92) |  |  |  | (92) |
| Trading account profits (losses) | 1,480 | $(1,306)$ |  | - |  | - |  | - | (144) | - |  | - |  | 30 |
| Mortgage banking income | 221 | - |  | (3) |  | - |  | (344) | (97) | - |  | (31) |  | (254) |
| Other income (loss) | - | - |  | (520) |  | (269) |  | - | - | - |  | (31) |  | (820) |
| Total | \$ 1,701 | \$ (1,306) | \$ | (523) | \$ | (269) | \$ | (344) | \$ (241) | \$ (415) | \$ | (62) |  | $(1,459)$ |
|  | Three Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income (loss) | \$ - | \$ - | \$ | - | \$ | - | \$ | - | \$ | \$ (53) | \$ | - |  | (53) |
| Equity investment income | - | - |  |  |  | - |  | - | - | 139 |  | - |  | 139 |
| Trading account profits (losses) | 475 | (248) |  | - |  | - |  | - | (39) | - |  | - |  | 188 |
| Mortgage banking income | 40 |  |  | - |  | - |  | (229) | (6) | - |  | - |  | (195) |
| Other income (loss) | - | - |  | - |  | (88) |  | - | - | - |  | (97) |  | (185) |
| Total | \$ 515 | \$ (248) | \$ |  | \$ | (88) | \$ | (229) | \$ (45) | \$ 86 | \$ | (97) |  | (106) |
|  | Nine Months Ended September 30, 2008 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income (loss) | \$ | \$ | \$ | - | \$ | - | \$ | - | \$ | \$ (223) | \$ | - |  | (223) |
| Equity investment income | - |  |  | - |  | - |  | - | - | 60 |  | - |  | 60 |
| Trading account profits (losses) | 1,200 | $(2,053)$ |  | - |  | - |  | - | (186) | - |  | - |  | $(1,039)$ |
| Mortgage banking income | 199 | - |  | (3) |  | - |  | 174 | (131) | - |  | (31) |  | 208 |
| Other income (loss) | - | - |  | $(1,142)$ |  | (424) |  | - | (1) | - |  | (360) |  | $(1,927)$ |
| Total | \$ 1,399 | \$ $(2,053)$ | \$ | $(1,145)$ | \$ | (424) | \$ | 174 | \$ (318) | \$ (163) | \$ | (391) |  | $(2,921)$ |
|  | Nine Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income (loss) | \$ | \$ | \$ | - | \$ | - | \$ | - | \$ | \$ 39 | \$ | - |  | 39 |
| Equity investment income | - | - |  | - |  | - |  | - | - | 262 |  | - |  | 262 |
| Trading account profits (losses) | (1) | (297) |  | - |  | - |  | - | (37) | - |  | (1) |  | (336) |
| Mortgage banking income | 8 | - |  | - |  | - |  | 174 | (6) | - |  | - |  | 176 |
| Other income (loss) | - | - |  | - |  | (98) |  | - | (2) | - |  | (176) |  | (276) |
| Total | \$ 7 | \$ (297) | \$ | - | \$ | (98) | \$ | 174 | \$ (45) | \$ 301 | \$ | (177) |  | (135) |

${ }^{(1)}$ Amounts represented items which are accounted for at fair value in accordance with SFAS 159.
Certain assets and liabilities are measured at fair value on a non-recurring basis (e.g., LHFS, unfunded loan commitments held-for-sale, and commercial and residential reverse mortgage MSRs, all of which are carried at the lower of cost or market). The following does not reflect any hedge strategies that may be undertaken to mitigate such risk. At September 30, 2008 and December 31, 2007, LHFS that the Corporation accounts for at the lower of cost or market with an aggregate cost of $\$ 14.16$ billion and $\$ 14.70$ billion had been written down to fair value of $\$ 13.34$ billion and $\$ 14.50$ billion (of which $\$ 2.55$ billion and $\$ 1.20$ billion were measured using Level 2 inputs, and $\$ 10.79$ billion and $\$ 13.30$ billion were measured using Level 3 inputs within the fair value hierarchy). During the three months ended September 30, 2008 and 2007, losses of $\$ 208$ million and $\$ 207$ million were recorded in other income (primarily commercial mortgage LHFS and leveraged LHFS), losses of $\$ 1$ million and $\$ 44$ million were recorded in trading account profits (losses) (primarily commercial mortgage LHFS) and losses of $\$ 31$ million and $\$ 6$ million were recorded in mortgage banking income (primarily consumer mortgage LHFS). During the nine months ended September 30, 2008 and 2007, losses of $\$ 524$ million and $\$ 233$ million were recorded in other income (primarily commercial mortgage LHFS and leveraged LHFS), losses of $\$ 195$ million and $\$ 47$ million were recorded within trading account profits (losses) (primarily commercial

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mortgage LHFS) and losses of $\$ 40$ million and $\$ 10$ million were recorded in mortgage banking income (primarily consumer mortgage LHFS).

## NOTE 17 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.

The following table presents activity for consumer MSRs for the three and nine months ended September 30, 2008 and 2007.

| (Dollars in millions) | Three Months Ended September 30 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Balance, beginning of period | \$ | 4,250 | \$ | 3,269 | \$ | 3,053 | \$ | 2,869 |
| Countrywide balance, July 1, 2008 |  | 17,188 |  | - |  | 17,188 |  | - |
| Additions |  | 875 |  | 271 |  | 1,910 |  | 539 |
| Impact of customer payments |  | $(1,425)$ |  | (187) |  | $(1,855)$ |  | (554) |
| Other changes in MSR market value |  | (77) |  | (174) |  | 515 |  | 325 |
| Balance, September 30 | \$ | 20,811 | \$ | 3,179 | \$ | 20,811 | \$ | 3,179 |
| Mortgage loans serviced for investors (in billions) | \$ | 1,654 | \$ | 245 |  |  |  |  |

For the three and nine months ended September 30, 2008 other changes in MSR market value were $\$(77)$ million and $\$ 515$ million compared to $\$(174)$ million and $\$ 325$ million for the same periods in 2007. These amounts reflect the changes in discount rates and prepayment speed assumptions, mostly due to changes in interest rates, as well as the effect of changes in other assumptions. For the three and nine months ended September 30, 2008, the amounts did not include $\$(102)$ million and $\$(106)$ million resulting from the actual cash received that was less than expected prepayments. For the three and nine months ended September 30, 2007, the amounts did not include $\$ 23$ million and $\$ 63$ million resulting from the actual cash received exceeding expected prepayments. The net amounts of $\$(179)$ million and $\$ 409$ million for the current periods, and $\$(151)$ million and $\$ 388$ million for the comparable periods in the prior year are included in the line mortgage banking income (loss) in the table Total Realized and Unrealized Gains (Losses) Included in Earnings in Note 16 Fair Value Disclosures to the Consolidated Financial Statements.

As of September 30, 2008, the fair value of consumer MSRs was $\$ 20.8$ billion. The Corporation uses an option-adjusted spread 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 valuations of MSRs include weighted average lives of the MSRs and the option adjusted spread levels.

Key economic assumptions used in determining the fair value of MSRs at September 30, 2008 and December 31, 2007 were as follows:

|  | September 30, 2008 |  | December 31, 2007 |  |
| :--- | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Fixed | Adjustable | Fixed | Adjustable |
| Weighted average option adjusted spread | $\mathbf{1 . 5 0 \%}$ | $\mathbf{6 . 1 3 \%}$ | $0.59 \%$ | $2.54 \%$ |
| Weighted average life, in years | $\mathbf{5 . 3 8}$ | $\mathbf{3 . 7 9}$ | 4.80 | 2.75 |

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The following table presents the sensitivity of the weighted-average lives and fair value of MSRs to changes in modeled assumptions. The sensitivities in the following table 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 a MSR that continues 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. Additionally, the Corporation has the ability to hedge interest rate and market valuation fluctuations associated with MSRs. The above sensitivities do not reflect any hedge strategies that may be undertaken to mitigate such risk.

September 30, 2008
Change in Weighted-Average Lives


Commercial and residential reverse mortgage MSRs are accounted for using the amortization method (i.e., lower of cost or market). Commercial and residential reverse mortgage MSRs totaled $\$ 320$ million and $\$ 294$ million at September 30, 2008 and December 31, 2007 and are not included in the tables above.

## NOTE 18 Business Segment Information

The Corporation reports the results of its operations through three business segments: Global Consumer and Small Business Banking (GCSBB), Global Corporate and Investment Banking (GCIB) and Global Wealth and Investment Management (GWIM). The Corporation may periodically reclassify business segment results based on modifications to its management reporting methodologies and changes in organizational alignment.

## Global Consumer and Small Business Banking

$G C S B B$ provides a diversified range of products and services to individuals and small businesses. The Corporation reports $G C S B B$ s results, specifically credit card and certain unsecured lending portfolios, on a managed basis. Reporting on a managed basis is consistent with the way that management evaluates the results of GCSBB. Managed basis assumes that securitized loans were not sold and presents earnings on these loans in a manner similar to the way loans that have not been sold (i.e., held loans) are presented. This basis of presentation excludes the Corporation s securitized mortgage and home equity portfolios for which the Corporation retains servicing. Loan securitization is an alternative funding process that is used by the Corporation to diversify funding sources. Loan securitization removes loans from the Consolidated Balance Sheet through the sale of loans to an off-balance sheet QSPE which is excluded from the Corporation s Consolidated Financial Statements in accordance with GAAP.

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The performance of the managed portfolio is important in understanding GCSBB s results as it demonstrates the results of the entire portfolio serviced by the business. Securitized loans continue to be serviced by the business and are subject to the same underwriting standards and ongoing monitoring as held loans. In addition, retained excess servicing income is exposed to similar credit risk and repricing of interest rates as held loans. GCSBB s managed income statement line items differ from a held basis as follows:

Managed net interest income includes GCSBB s net interest income on held loans and interest income on the securitized loans less the internal funds transfer pricing allocation related to securitized loans.


#### Abstract

Managed noninterest income includes GCSBB s 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. Noninterest income, both on a held and managed basis, also includes the impact of adjustments to the interest-only strip that are recorded in card income as management continues to manage this impact within GCSBB.


Provision for credit losses represents the provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio.

## Global Corporate and Investment Banking

GCIB provides a wide range of financial services to both the Corporation s issuer and investor clients that range from business banking clients to large international corporate and institutional investor clients using a strategy to deliver value-added financial products and advisory solutions.

## Global Wealth and Investment Management

GWIM offers investment and brokerage services, estate management, financial planning services, fiduciary management, credit and banking expertise, and diversified asset management products to institutional clients, as well as affluent and high net-worth individuals. GWIM also includes the impact of migrated qualifying affluent customers, including their related deposit balances, from GCSBB. After migration, the associated net interest income, service charges and noninterest expense on the deposit balances are recorded in GWIM.

## All Other

All Other consists of equity investment activities including Principal Investing, Corporate Investments and Strategic Investments, the residual impact of the allowance for credit losses and the cost allocation processes, merger and restructuring charges, 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 and a corresponding securitization offset which removes the securitization impact of sold loans in $G C S B B$, in order to present the consolidated results of the Corporation on a GAAP basis (i.e., held basis).

## Basis of Presentation

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 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 the Corporation s ALM activities.

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Certain expenses not directly attributable to a specific business segment are allocated to the segments based on pre-determined means. The most significant of these expenses include data processing costs, 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 which reflect utilization.

The following tables present total revenue, net of interest expense, on a FTE basis and net income for the three and nine months ended September 30, 2008 and 2007, and total assets at September 30, 2008 and 2007 for each business segment, as well as All Other.

## Business Segments

## Three Months Ended September 30

| (Dollars in millions) | Total Corporation ${ }^{(1)}$ |  |  |  | Global Consumer and Small Business Banking (2,3) |  |  |  | Global Corporate and Investment Banking (2) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2008 |  | 2007 |  | 2008 |  | 2007 |  | 2008 |  | 2007 |
| Net interest income ${ }^{(4)}$ | \$ | 11,920 | \$ | 8,992 | \$ | 8,938 | \$ | 7,257 | \$ | 4,124 | \$ | 2,713 |
| Noninterest income |  | 7,979 |  | 7,480 |  | 6,991 |  | 4,818 |  | 413 |  | 206 |
| Total revenue, net of interest expense |  | 19,899 |  | 16,472 |  | 15,929 |  | 12,075 |  | 4,537 |  | 2,919 |
| Provision for credit losses ${ }^{(5)}$ |  | 6,450 |  | 2,030 |  | 6,655 |  | 3,122 |  | 779 |  | 227 |
| Amortization of intangibles |  | 464 |  | 429 |  | 353 |  | 327 |  | 48 |  | 41 |
| Other noninterest expense |  | 11,196 |  | 8,282 |  | 6,922 |  | 4,954 |  | 2,859 |  | 2,497 |
| Income before income taxes |  | 1,789 |  | 5,731 |  | 1,999 |  | 3,672 |  | 851 |  | 154 |
| Income tax expense ${ }^{(4)}$ |  | 612 |  | 2,033 |  | 765 |  | 1,359 |  | 318 |  | 64 |
| Net income | \$ | 1,177 | \$ | 3,698 | \$ | 1,234 | \$ | 2,313 | \$ | 533 | \$ | 90 |
| Period-end total assets |  | 331,177 |  | 578,763 | \$ | 506,154 | \$ | 402,773 | \$ | 3,495 | \$ | 39,427 |


| (Dollars in millions) | Global Wealth and Investment Management ${ }^{(2)}$ |  |  |  | All Other ${ }^{(2,3)}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Net interest income ${ }^{(4)}$ | \$ | 1,249 | \$ | 1,002 | \$ | $(2,391)$ | \$ | $(1,980)$ |
| Noninterest income |  | 298 |  | 1,076 |  | 277 |  | 1,380 |
| Total revenue, net of interest expense |  | 1,547 |  | 2,078 |  | $(2,114)$ |  | (600) |
| Provision for credit losses ${ }^{(5)}$ |  | 150 |  | (29) |  | $(1,134)$ |  | $(1,290)$ |
| Amortization of intangibles |  | 55 |  | 61 |  | 8 |  | - |
| Other noninterest expense |  | 1,229 |  | 1,157 |  | 186 |  | (326) |
| Income (loss) before income taxes |  | 113 |  | 889 |  | $(1,174)$ |  | 1,016 |
| Income tax expense (benefit) ${ }^{(4)}$ |  | 46 |  | 331 |  | (517) |  | 279 |
| Net income (loss) | \$ | 67 | \$ | 558 | \$ | (657) | \$ | 737 |
| Period-end total assets | \$ | 179,347 | \$ | 138,725 | \$ | 92,181 |  | 297,838 |

(1) There were no material intersegment revenues among the segments.
(2) Total assets include asset allocations to match liabilities (i.e., deposits).
${ }^{(3)} G C S B B$ is presented on a managed basis with a corresponding offset recorded in All Other.

[^7]
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Provision for credit losses represents: For GCSBB Provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio and for All Other Provision for credit losses combined with the GCSBB securitization offset.

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## Business Segments <br> Nine Months Ended September 30

| (Dollars in millions) | Total Corporation ${ }^{(1)}$ |  |  |  | Business Banking (2, 3) |  |  |  | Global Corporate and Investment Banking (2) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2008 |  | 2007 |  | 2008 |  | 2007 |  | 2008 |  |  |
| Net interest income ${ }^{(4)}$ | \$ | 33,148 | \$ | 26,375 | \$ | 24,636 | \$ | 21,378 | \$ | 11,540 | \$ | 7,709 |
| Noninterest income |  | 24,848 |  | 28,753 |  | 17,856 |  | 13,953 |  | 2,116 |  | 6,576 |
| Total revenue, net of interest expense |  | 57,996 |  | 55,128 |  | 42,492 |  | 35,331 |  | 13,656 |  | 14,285 |
| Provision for credit losses ${ }^{(5)}$ |  | 18,290 |  | 5,075 |  | 19,655 |  | 8,626 |  | 1,665 |  | 384 |
| Amortization of intangibles |  | 1,357 |  | 1,209 |  | 1,015 |  | 987 |  | 145 |  | 125 |
| Other noninterest expense |  | 29,225 |  | 25,906 |  | 16,805 |  | 13,806 |  | 8,007 |  | 8,621 |
| Income before income taxes |  | 9,124 |  | 22,938 |  | 5,017 |  | 11,912 |  | 3,839 |  | 5,155 |
| Income tax expense ${ }^{(4)}$ |  | 3,327 |  | 8,224 |  | 1,849 |  | 4,393 |  | 1,441 |  | 1,914 |
| Net income | \$ | 5,797 | \$ | 14,714 | \$ | 3,168 | \$ | 7,519 | \$ | 2,398 | \$ | 3,241 |
| Period-end total assets |  | 331,177 |  | 1,578,763 | \$ | 506,154 | \$ | 402,773 | \$ | 753,495 | \$ | 39,427 |


| (Dollars in millions) | Global Wealth and Investment Management ${ }^{(2)}$ |  |  |  | All Other (2, 3) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Net interest income ${ }^{(4)}$ | \$ | 3,380 | \$ | 2,872 | \$ | $(6,408)$ | \$ | $(5,584)$ |
| Noninterest income |  | 2,368 |  | 2,875 |  | 2,508 |  | 5,349 |
| Total revenue, net of interest expense |  | 5,748 |  | 5,747 |  | $(3,900)$ |  | (235) |
| Provision for credit losses ${ }^{(5)}$ |  | 512 |  | (20) |  | $(3,542)$ |  | $(3,915)$ |
| Amortization of intangibles |  | 175 |  | 93 |  | 22 |  | 4 |
| Other noninterest expense |  | 3,661 |  | 3,090 |  | 752 |  | 389 |
| Income (loss) before income taxes |  | 1,400 |  | 2,584 |  | $(1,132)$ |  | 3,287 |
| Income tax expense (benefit) ${ }^{(4)}$ |  | 529 |  | 958 |  | (492) |  | 959 |
| Net income (loss) | \$ | 871 | \$ | 1,626 | \$ | (640) | \$ | 2,328 |
| Period-end total assets | \$ | 179,347 | \$ | 138,725 | \$ | 392,181 | \$ | 297,838 |

${ }^{(1)}$ There were no material intersegment revenues among the segments.
(2) Total assets include asset allocations to match liabilities (i.e., deposits).
${ }^{(3)} G C S B B$ is presented on a managed basis with a corresponding offset recorded in All Other.
(4) FTE basis
(5) Provision for credit losses represents: For $G C S B B$ Provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio and for All Other Provision for credit losses combined with the GCSBB securitization offset.

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$G C S B B$ is reported on a managed basis which includes a securitization impact adjustment which has the effect of presenting securitized loans in a manner similar to the way loans that have not been sold are presented. All Other s results include a corresponding securitization offset which removes the impact of these securitized loans in order to present the consolidated results of the Corporation on a held basis. The tables below reconcile $G C S B B$ and All Other to a held basis by reclassifying net interest income, all other income and realized credit losses associated with the securitized loans to card income.

GCSBB Reconciliation

| (Dollars in millions) | Three Months Ended September 30, 2008 |  |  |  |  |  | Three Months Ended September 30, 2007 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | anaged |  | itization |  |  |  | anaged |  | itization |  | Held |
|  | Basis ${ }^{(1)}$ |  | Impact (2) |  | Held <br> Basis |  | Basis ${ }^{(1)}$ |  | Impact (2) |  | Basis |  |
| Net interest income ${ }^{(3)}$ | \$ | 8,938 | \$ | $(2,207)$ | \$ | 6,731 | \$ | 7,257 | \$ | $(2,085)$ | \$ | 5,172 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income |  | 2,296 |  | 507 |  | 2,803 |  | 2,588 |  | 896 |  | 3,484 |
| Service charges |  | 1,822 |  | - |  | 1,822 |  | 1,519 |  | - |  | 1,519 |
| Mortgage banking income |  | 1,756 |  | - |  | 1,756 |  | 243 |  | - |  | 243 |
| Insurance premiums |  | 709 |  | (44) |  | 665 |  | 266 |  | (58) |  | 208 |
| All other income |  | 408 |  | (10) |  | 398 |  | 202 |  | (12) |  | 190 |
| Total noninterest income |  | 6,991 |  | 453 |  | 7,444 |  | 4,818 |  | 826 |  | 5,644 |
| Total revenue, net of interest expense |  | 15,929 |  | $(1,754)$ |  | 14,175 |  | 12,075 |  | $(1,259)$ |  | 10,816 |
| Provision for credit losses |  | 6,655 |  | $(1,754)$ |  | 4,901 |  | 3,122 |  | $(1,259)$ |  | 1,863 |
| Noninterest expense |  | 7,275 |  | - |  | 7,275 |  | 5,281 |  | - |  | 5,281 |
| Income before income taxes |  | 1,999 |  | - |  | 1,999 |  | 3,672 |  | - |  | 3,672 |
| Income tax expense ${ }^{(3)}$ |  | 765 |  | - |  | 765 |  | 1,359 |  | - |  | 1,359 |
| Net income | \$ | 1,234 | \$ | - | \$ | 1,234 | \$ | 2,313 | \$ | - | \$ | 2,313 |


|  | Nine Months Ended September 30, 2008 |  |  |  |  | Nine Months Ended September 30, 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Managed |  | itization |  | Held | Managed |  | itization |  | Held |
| (Dollars in millions) | Basis ${ }^{(1)}$ | Impact ${ }^{(2)}$ |  | Basis |  | Basis ${ }^{(1)}$ | Impact ${ }^{(2)}$ |  | Basis |  |
| Net interest income ${ }^{(3)}$ | \$ 24,636 | \$ | $(6,402)$ | \$ | 18,234 | \$ 21,378 | \$ | $(5,956)$ |  | 15,422 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |
| Card income | 7,583 |  | 1,768 |  | 9,351 | 7,567 |  | 2,528 |  | 10,095 |
| Service charges | 5,130 |  | - |  | 5,130 | 4,385 |  |  |  | 4,385 |
| Mortgage banking income | 2,820 |  | - |  | 2,820 | 842 |  | - |  | 842 |
| Insurance premiums | 1,203 |  | (152) |  | 1,051 | 662 |  | (193) |  | 469 |
| All other income | 1,120 |  | (28) |  | 1,092 | 497 |  | (28) |  | 469 |
| Total noninterest income | 17,856 |  | 1,588 |  | 19,444 | 13,953 |  | 2,307 |  | 16,260 |
| Total revenue, net of interest expense | 42,492 |  | $(4,814)$ |  | 37,678 | 35,331 |  | $(3,649)$ |  | 31,682 |
| Provision for credit losses | 19,655 |  | $(4,814)$ |  | 14,841 | 8,626 |  | $(3,649)$ |  | 4,977 |
| Noninterest expense | 17,820 |  | - |  | 17,820 | 14,793 |  | - |  | 14,793 |
| Income before income taxes | 5,017 |  | - |  | 5,017 | 11,912 |  | - |  | 11,912 |
| Income tax expense ${ }^{(3)}$ | 1,849 |  | - |  | 1,849 | 4,393 |  | - |  | 4,393 |
| Net income | \$ 3,168 | \$ | - | \$ | 3,168 | \$ 7,519 | \$ | - |  | 7,519 |

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All Other Reconciliation

|  | Three Months Ended September 30, 2008 |  |  |  | Three Months Ended September 30, 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reported |  | tization | As | Reported |  | tization |  | As |
| (Dollars in millions) | Basis ${ }^{(1)}$ | Offset ${ }^{(2)}$ |  | Adjusted | Basis ${ }^{(1)}$ | Offset ${ }^{(2)}$ |  | Adjusted |  |
| Net interest income ${ }^{(3)}$ | \$ $(\mathbf{2 , 3 9 1})$ | \$ | 2,207 | \$ (184) | \$ $(1,980)$ | \$ | 2,085 | \$ | 105 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |
| Card income | 537 |  | (507) | 30 | 739 |  | (896) |  | (157) |
| Equity investment income (loss) | (326) |  | - | (326) | 852 |  | - |  | 852 |
| Gains (losses) on sales of debt securities | (2) |  | - | (2) | 7 |  | - |  | 7 |
| All other income (loss) | 68 |  | 54 | 122 | (218) |  | 70 |  | (148) |
| Total noninterest income | 277 |  | (453) | (176) | 1,380 |  | (826) |  | 554 |
| Total revenue, net of interest expense | $(2,114)$ |  | 1,754 | (360) | (600) |  | 1,259 |  | 659 |
| Provision for credit losses | $(1,134)$ |  | 1,754 | 620 | $(1,290)$ |  | 1,259 |  | (31) |
| Merger and restructuring charges | 247 |  | - | 247 | 84 |  | - |  | 84 |
| All other noninterest expense | (53) |  | - | (53) | (410) |  | - |  | (410) |
| Income (loss) before income taxes | $(1,174)$ |  | - | $(1,174)$ | 1,016 |  | - |  | 1,016 |
| Income tax expense (benefit) ${ }^{(3)}$ | (517) |  | - | (517) | 279 |  | - |  | 279 |
| Net income (loss) | \$ (657) | \$ | - | \$ (657) | \$ 737 | \$ | - | \$ | 737 |


${ }^{(1)}$ Provision for credit losses represents provision for credit losses in All Other combined with the Card Services securitization offset.
(2) The securitization offset to net interest income is on a funds transfer pricing methodology consistent with the way funding costs are allocated to the businesses.
(3) FTE basis

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The following table presents reconciliations of the three business segments (GCSBB, GCIB and GWIM) total revenue, net of interest expense, on a FTE basis and net income to the Consolidated Statement of Income. The adjustments presented in the table below include consolidated income and expense amounts not specifically allocated to individual business segments.

| (Dollars in millions) | Three Months Ended September 30$\mathbf{2 0 0 8}$2007 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segments total revenue, net of interest expense ${ }^{(1)}$ | \$ | 22,013 | \$ | 17,072 | \$ | 61,896 | \$ | 55,363 |
| Adjustments: |  |  |  |  |  |  |  |  |
| ALM activities |  | 338 |  | 19 |  | 846 |  | 121 |
| Equity investment income (loss) |  | (326) |  | 852 |  | 652 |  | 3,467 |
| Liquidating businesses |  | 54 |  | 199 |  | 221 |  | 867 |
| FTE basis adjustment |  | (278) |  | (375) |  | (894) |  | $(1,099)$ |
| Managed securitization impact to total revenue, net of interest expense |  | $(1,754)$ |  | $(1,259)$ |  | $(4,814)$ |  | $(3,649)$ |
| Other |  | (426) |  | (411) |  | (805) |  | $(1,041)$ |
| Consolidated revenue, net of interest expense | \$ | 19,621 | \$ | 16,097 | \$ | 57,102 | \$ | 54,029 |
| Segments net income | \$ | 1,834 | \$ | 2,961 | \$ | 6,437 | \$ | 12,386 |
| Adjustments, net of taxes: |  |  |  |  |  |  |  |  |
| ALM activities |  | (261) |  | (71) |  | (424) |  | (111) |
| Equity investment income (loss) |  | (205) |  | 537 |  | 411 |  | 2,184 |
| Liquidating businesses |  | 37 |  | 98 |  | 90 |  | 534 |
| Merger and restructuring charges |  | 183 |  | 53 |  | 424 |  | 170 |
| Other |  | (411) |  | 120 |  | $(1,141)$ |  | (449) |
| Consolidated net income | \$ | 1,177 | \$ | 3,698 | \$ | 5,797 | \$ | 14,714 |

(1) FTE basis

## NOTE 19 Subsequent Events

In October 2008, the Corporation issued 455 million shares of common stock at $\$ 22.00$ per share which resulted in proceeds of $\$ 9.8$ billion, net of underwriting expenses.

In October 2008, in connection with the Troubled Asset Relief Program (TARP) Capital Purchase Program, established as part of the Emergency Economic Stabilization Act of 2008, the Corporation issued to the U.S. Treasury Department (U.S. Treasury) 600 thousand shares of Bank of America Corporation Fixed Rate Cumulative Perpetual Preferred Stock, Series N (Series N Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 15.0$ billion. The Series N Preferred Stock initially pays quarterly dividends at a five percent annual rate that increases to nine percent after five years on a liquidation preference of $\$ 25,000$ per share. The Series N Preferred Stock has a call feature after three years. In connection with this investment, the Corporation also issued to the U.S. Treasury 10-year warrants to purchase approximately 73.1 million shares of Bank of America Corporation common stock at an exercise price of $\$ 30.79$ per share. Upon the request of the U.S. Treasury, at any time, the Corporation has agreed to enter into a deposit arrangement pursuant to which the Series N Preferred Stock may be deposited and depositary shares, representing $1 / 25^{\text {th }}$ of a share of Series N Preferred Stock, may be issued. The Corporation has agreed to register the Series N Preferred Stock, the warrants, the shares of common stock underlying the warrants and the depositary shares, if any, for resale under the Securities Act of 1933 , as soon as practicable after the issuance of the Series N Preferred Stock and the warrants.

In connection with the sale of the Series N Preferred Stock, Merrill Lynch entered into an agreement with the U.S. Treasury which allows Merrill Lynch to sell preferred stock and 10-year warrants to the U.S. Treasury for a purchase price of $\$ 10.0$ billion prior to January 31 , 2009 under certain circumstances. The U.S. Treasury has agreed with the Corporation that if the closing of the Merrill Lynch acquisition occurs prior to any such sale of preferred stock by Merrill Lynch to the

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U.S. Treasury, the U.S. Treasury will purchase, and the Corporation will issue, 400 thousand additional shares of Series N Preferred Stock (or a substantially similar series) and warrants to purchase approximately 48.7 million additional shares of common stock at an exercise price of $\$ 30.79$, for an aggregate purchase price of $\$ 10.0$ billion.

As required under the TARP Capital Purchase Program in connection with the sale of the Series N Preferred Stock to the U.S. Treasury, dividend payments on, and repurchases of, the Corporation s outstanding preferred and common stock are subject to certain restrictions. For as long as any Series N Preferred Stock is outstanding, no dividends may be declared or paid on the Corporation s outstanding preferred and common stock until all accrued and unpaid dividends on Series N Preferred Stock are fully paid. In addition, the U.S. Treasury s consent is required on any increase in dividends declared on shares of common stock in excess of $\$ 0.32$ per share before the third anniversary of the issuance of the Series N Preferred Stock unless the Series N Preferred Stock is redeemed by the Corporation or transferred in whole by the U.S. Treasury. Further, the U.S. Treasury s consent is required for any repurchase of any equity securities or trust preferred securities except for repurchases of Series N Preferred Stock or repurchases of common shares in connection with benefit plans consistent with past practice before the third anniversary of the issuance of the Series N Preferred Stock unless redeemed by the Corporation or transferred in whole by the U.S. Treasury.

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## Item 2. MANAGEMENT S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

This report on Form 10-Q contains certain statements that are forward-looking within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as expects, anticipates, believes, estimates and other similar expressions or future or conditional verbs such as will, should, would and could are intended to identify such forward-looking statements. These statements are not historical facts, but instead represent Bank of America Corporation and its subsidiaries (the Corporation) current expectations, intentions or forecasts of future events, circumstances or results. 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, our forward-looking statements. You should not place undue reliance on any forward-looking statement and should consider all uncertainties and risks discussed in this report, including under Item 1A. Risk Factors, as well as those discussed under Item 1A. Risk Factors of the Corporation s 2007 Annual Report on Form 10-K and in any of the Corporation sother subsequent SEC filings. 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.

In addition to the risk factors discussed under Item 1A. Risk Factors in this report and Item 1A. Risk Factors of the Corporation s 2007 Annual Report on Form 10-K, other possible events or factors that could cause results or performance to differ materially from those expressed in our forward-looking statements include the following: negative economic conditions that adversely affect the general economy, housing prices, the job market, consumer confidence and spending habits which may affect, among other things, the level of nonperforming assets, charge-offs and provision expense; changes in interest rates and market liquidity which may reduce interest margins, impact funding sources and affect the ability to originate and distribute financial products in the primary and secondary markets; changes in foreign exchange rates; adverse movements and volatility in debt and equity capital markets; changes in market rates and prices which may adversely impact the value of financial products including securities, loans, deposits, debt and derivative financial instruments, and other similar financial instruments; estimates of fair value of certain of the Corporation $s$ assets and liabilities, which could change in value significantly from period to period; legislative and regulatory actions in the United States and internationally which may adversely affect the Corporation $s$ businesses and economic conditions as a whole; liabilities resulting from litigation and regulatory investigations, including costs, expenses, settlements and judgments; changes in domestic or foreign tax laws, rules and regulations as well as court, Internal Revenue Service or other governmental agencies interpretations thereof; various monetary and fiscal policies and regulations, including those determined by the Board of Governors of the Federal Reserve System, the Office of the Comptroller of Currency, the Federal Deposit Insurance Corporation, state regulators and the Financial Services Authority; changes in accounting standards, rules and interpretations; increased competition with other large and well-capitalized banks and financial institutions; the Corporation s ability to grow its core businesses; the Corporation sability to develop and introduce new banking-related products, services and enhancements, and gain market acceptance of such products; mergers and acquisitions and their integration into the Corporation; decisions to downsize, sell or close units or otherwise change the business mix of the Corporation; and management $s$ ability to identify and manage these and other risks.

The Corporation, headquartered in Charlotte, North Carolina, operates in 32 states, the District of Columbia and more than 30 foreign countries. The Corporation provides a diversified range of banking and nonbanking financial services and products domestically and internationally through three business segments: Global Consumer and Small Business Banking (GCSBB), Global Corporate and Investment Banking (GCIB), and Global Wealth and Investment Management (GWIM).

At September 30, 2008, the Corporation had $\$ 1.8$ trillion in assets and approximately 247,000 full-time equivalent employees. Notes to Consolidated Financial Statements referred to in the MD\&A are incorporated by reference into the MD\&A. Certain prior period amounts have been reclassified to conform to current period presentation.

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## 2008 Economic Environment

During the third quarter, market and economic conditions were severely impacted where credit conditions rapidly deteriorated and financial markets experienced widespread illiquidity and elevated levels of volatility. Concerns about future economic growth, oil prices, lower consumer confidence, rapid contraction of credit availability and lower corporate earnings continued to challenge the economy. The rate of unemployment continued to increase, reaching its highest level in nearly five years. Mortgage, corporate and the related counterparty credit spreads widened and heightened concerns about the impact of monoline insurers (monolines), auction rate securities (ARS), and structured investment vehicles (SIVs) adversely impacted the financial markets. As a result of these unparalleled market conditions, federal government agencies including the U.S. Treasury Department (U.S. Treasury) and the Federal Reserve Board initiated several actions which changed the landscape of the U.S. financial services industry. For more information related to these initiatives, see the Regulatory Initiatives discussion below.

The deteriorating economy continued to negatively impact the credit quality of our loan portfolios with more rapid deterioration occurring in the latter part of the most recent quarter. The stress consumers experienced from depreciating home prices, rising unemployment and tighter credit conditions resulted in a higher level of bankruptcy filings during the quarter as well as higher levels of delinquencies and losses in our consumer and small business portfolios. Housing value declines, a slowdown in consumer spending and the turmoil in the global financial markets also impacted our commercial portfolios where we experienced higher levels of losses, particularly in the homebuilder sector of our commercial real estate portfolio. Commercial criticized utilized exposures have also increased due to broader-based economic pressures. During the first nine months of 2008, we increased the allowance for credit losses across most portfolios. For more information on credit quality, see the Credit Risk Management discussion beginning on page 123.

The market dislocations continued to significantly impact our results. We have incurred additional losses on CDOs and related subprime exposure and continue to reduce our exposure to these vehicles. Further, we have also incurred losses associated with investments in certain equity securities (e.g., Fannie Mae and Freddie Mac) and have incurred estimated losses on our commitment to buy back ARS from our clients as discussed in Recent Events below. For more information on CDOs, the related ongoing exposure and the impacts of the continuing market dislocations (e.g., leveraged finance and CMBS writedowns), see the Capital Markets and Advisory Services (CMAS) discussion beginning on page 91 .

The market dislocations have continued to impact certain SIVs and have recently begun to impact senior debt issued by financial services companies. During the first nine months of 2008, we provided additional support to certain cash funds managed within GWIM by utilizing existing capital commitments and purchasing certain investments from these funds. Further, one of the SIV investments that we purchased from these funds was restructured resulting in additional losses. For more information on our cash fund support, see the GWIM discussion beginning on page 99 .

Market conditions also impacted the ratings of certain monolines, which has affected the pricing of certain municipal securities and the liquidity of the short-term public finance markets. We have direct and indirect exposure to monolines and, in certain situations, recognized losses related to some of these exposures during the first nine months of 2008 . For more information related to our monoline exposure, see the Industry Concentrations discussion on page 146.

The above conditions, together with deterioration in the overall economy, will continue to affect these and other global markets in which we do business and will adversely impact our results throughout the remainder of 2008 and into 2009. The degree of the impact is dependent upon the duration and severity of such conditions.

## Regulatory Initiatives

On October 3, 2008, the President signed into law the Emergency Economic Stabilization Act of 2008 (EESA). Pursuant to the EESA, the U.S. Treasury has authority to, among other things, invest in financial institutions and purchase mortgages, mortgage-backed securities 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.

On October 14, 2008, in connection with the Troubled Asset Relief Program (TARP) Capital Purchase Program, established as part of the EESA, the U.S. Treasury announced a plan to invest up to $\$ 250$ billion in certain eligible financial institutions in the form of non-voting, senior preferred stock initially paying quarterly dividends at a five percent annual

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rate. When the U.S. Treasury makes such preferred investments in any company, it will also receive 10 -year warrants to acquire common shares having an aggregate market price of 15 percent of the amount of the senior preferred investment. In connection with the U.S. Treasury s announcement, we were identified as one of the nine financial institutions to participate in the first $\$ 125$ billion of U.S. Treasury investments. As a result, we issued to the U.S. Treasury 600 thousand shares of Bank of America Corporation Fixed Rate Cumulative Perpetual Preferred Stock, Series N (Series N Preferred Stock) with a par value of $\$ 0.01$ per share for $\$ 15.0$ billion. The Series N Preferred Stock initially pays quarterly dividends at a five percent annual rate that increases to nine percent after five years. The Series N Preferred Stock has a call feature after three years. In connection with this investment, we also issued to the U.S. Treasury warrants to purchase approximately 73.1 million shares of Bank of America Corporation common stock at an exercise price of $\$ 30.79$ per share.

In connection with the sale of the Series N Preferred Stock, Merrill Lynch \& Co., Inc. (Merrill Lynch) entered into an agreement with the U.S. Treasury which allows Merrill Lynch to sell preferred stock and 10-year warrants to the U.S. Treasury for a purchase price of $\$ 10.0$ billion prior to January 31, 2009 under certain circumstances. The U.S. Treasury has agreed with the Corporation that if the closing of the Merrill Lynch acquisition occurs prior to any such sale of preferred stock by Merrill Lynch, the U.S. Treasury will purchase, and the Corporation will issue, 400 thousand additional shares of Series N Preferred Stock (or a substantially similar series) and warrants to purchase approximately 48.7 million additional shares of common stock at an exercise price of $\$ 30.79$, for an aggregate purchase price of $\$ 10.0$ billion.

Under the TARP Capital Purchase Program, dividend payments on, and repurchases of, our outstanding preferred and common stock are subject to certain restrictions. For more information on these restrictions, see Note 19 Subsequent Events to the Consolidated Financial Statements.

As part of the regulatory initiatives, the FDIC implemented the Temporary Liquidity Guarantee Program (TLGP) to strengthen confidence and encourage liquidity in the banking system. The TLGP is comprised of the Debt Guarantee Program (DGP) and the Transaction Account Guarantee Program (TAGP). The DGP will guarantee all newly issued senior unsecured debt (e.g., promissory notes, unsubordinated unsecured notes and commercial paper) up to prescribed limits issued by participating entities beginning on October 14, 2008 and continuing through June 30, 2009. For eligible debt issued by that date, the FDIC will provide the guarantee coverage until the earlier of the maturity date of the debt or June 30, 2012. The TAGP will offer full guarantee for noninterest-bearing deposit accounts held at FDIC-insured depository institutions. The unlimited deposit coverage will be voluntary for eligible institutions and would be in addition to the $\$ 250,000$ FDIC deposit insurance per account that was included as part of the EESA. The TAGP coverage became effective on October 14, 2008 and will continue for participating institutions until December 31, 2009.

Initially, these programs were provided at no cost for the first 30 days. On November 3, 2008, the FDIC extended the opt-out period to December 5, 2008 to provide eligible institutions additional time to consider the terms before making a final decision regarding participation in the program. An entity that chooses not to opt out of either or both programs will become a participating entity and will be assessed fees for participation. Participants in the DGP will be charged an annualized fee equal to 75 basis points (bps) multiplied by the debt issued, and calculated for the maturity period of that debt, or through June 30, 2012, whichever is earlier. Any eligible entity that has not chosen to opt out of the TAGP will be assessed, on a quarterly basis, an annualized 10 bps fee on balances in noninterest-bearing transaction accounts that exceed the existing deposit insurance limit of $\$ 250,000$. Details of these programs are being finalized by regulators. We have agreed in principle to participate in these programs.

In addition to the TLGP, in September 2008, the U.S. Treasury implemented the Temporary Guarantee Program for Money Market Funds. This is a voluntary and temporary program that is in effect through December 18, 2008 with the possibility of being extended. The program provides for a guarantee with respect to a fixed number of shares held by certain shareholders as of September 19, 2008, to receive $\$ 1.00$ per share in the event that a participating fund no longer has a $\$ 1.00$ per share net asset value and liquidates. With respect to such shares covered by the program, the guarantee payment would be equal to any shortfall between the amount received by a shareholder in a liquidation and $\$ 1.00$ per share. The eligible money market mutual funds pay a fee to the U.S. Treasury to participate in the program. Several money market funds managed within GWIM currently participate in the program.

In September and October 2008, the Federal Reserve Board announced the creation of the Asset-Backed Commercial Paper Money Market Mutual Fund Liquidity Facility (AMLF), the Commercial Paper Funding Facility (CPFF) as well as the Money Market Investor Funding Facility (MMIFF). These facilities were created to provide liquidity to the U.S. short-term debt markets in an effort to increase the availability of credit. Under the AMLF, nonrecourse loans are provided to U.S. financial institutions for the purchase of U.S. dollar-denominated high-quality asset-backed commercial paper from money market mutual funds under certain conditions. The program is intended to assist money market funds that hold such paper in meeting demands for redemptions by investors and to foster liquidity in the asset-backed commercial paper market and money markets more generally. Financial institutions will bear no credit risk associated with commercial paper purchased under the AMLF. Under the CPFF, registered issuers will be allowed to sell commercial paper through a

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primary dealer to the CPFF subject to certain fees. Pricing will be based on whether the commercial paper is secured or unsecured. In addition, there are issuer-based limits on the amount of commercial paper the facility will hold. Upon implementation of the MMIFF, senior secured funding will be provided to a series of special purpose vehicles to finance the purchase of U.S. dollar-denominated certificates of deposits and commercial paper with a remaining maturity of 90 days or less issued by highly rated financial institutions and from qualifying investors including U.S. money market mutual funds. We have participated in some of the above programs.

In July 2008, the President signed into law the Housing and Economic Recovery Act of 2008. This Act has several provisions including the establishment of a voluntary program that permits the Federal Housing Administration (FHA) to refinance eligible mortgages for certain qualified borrowers. Some of this Act s other provisions include changes to the FHA program, increases in the limits on the principal balances of mortgage loans that the FHA and government-sponsored enterprises (GSEs) can purchase, creating a new regulator for the GSEs, and establishing a registration system for loan originators.

In May 2008, federal bank regulators in the U.S. proposed amendments to the rules regarding Unfair and Deceptive Acts or Practices (UDAP) and Truth in Lending that would restrict certain credit and charge card practices and require expanded disclosures to consumers. Similar legislative initiatives have been proposed. The proposed regulatory amendments include, among other matters, rules relating to the imposition by card issuers of interest rate increases on outstanding balances and the allocation of payments in respect of outstanding balances with different interest rates. If new regulations are adopted as proposed, we would likely make significant changes to our card practices. Also in the May 2008 proposal, federal bank regulators proposed new regulations under the same UDAP authority and under the Truth in Savings Act that would require banks to offer consumer deposit customers the opportunity to opt out of overdraft services and fees. If the new regulations are adopted as proposed, we would need to make significant changes in the manner in which we process transactions that affect consumer deposit accounts.

We are continuing to evaluate these proposals, our participation in the above programs and their impact on our financial condition and results of operations.

## Recent Events

In October 2008, prior to the U.S. Treasury s announcement of the TARP Capital Purchase Program discussed above, we issued 455 million shares of common stock at $\$ 22.00$ per share resulting in proceeds of $\$ 9.8$ billion, net of underwriting expenses.

In October 2008, the Board of Directors (the Board) declared a regular quarterly cash dividend on common stock of $\$ 0.32$ per share, payable on December 26, 2008 to common shareholders of record on December 5, 2008, as compared to the quarterly cash dividend on common stock of $\$ 0.64$ per share paid on September 26, 2008 to common shareholders of record on September 5, 2008. The 50 percent reduction in our regular quarterly cash dividend on common stock was a result of our earnings. In addition in October 2008, we declared aggregate dividends on preferred stock of $\$ 297$ million, and in the third quarter of 2008 declared aggregate dividends on preferred stock of $\$ 473$ million. For further discussion on our liquidity and capital, see Liquidity Risk and Capital Management beginning on page 116.

Also in October 2008, in connection with the Housing and Economic Recovery Act of 2008, we announced the creation of a home retention program that was developed in conjunction with several state attorneys general that will systematically modify troubled mortgages with up to $\$ 8.4$ billion in interest rate and principal reductions for up to 400,000 Countrywide Financial Corporation (Countrywide) customers. This program is eligible to those borrowers who financed their primary residence with subprime or pay option adjustable rate mortgages serviced by Countrywide and originated prior to December 31, 2007. We hold approximately 12 percent of the eligible loans for investment while the remaining 88 percent are loans that we service but do not own. The program is a proactive loan modification process to provide relief to eligible borrowers who are seriously delinquent or are likely to become seriously delinquent as a result of loan features, such as rate resets or payment recasts. Modification options, among others, include FHA refinancing under the Housing and Economic Recovery Act of 2008; interest rate reductions, which may be granted automatically; and principal reductions on certain pay option adjustable rate mortgages. Under this program, eligible borrowers will not be charged loan modification fees, and prepayment penalties will be waived for qualifying subprime and pay option adjustable rate mortgages Countrywide or its affiliates own. In addition, borrowers in participating states will have access to several programs to provide further financial relief. These foreclosure prevention efforts will reduce foreclosures and the related losses providing a solution for customers and protecting investors. This program is in line with the Corporation s original expectations upon acquisition and is not expected to impact the Corporation s purchase accounting adjustments.

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In September 2008, we announced an agreement to acquire Merrill Lynch in an all-stock transaction. The transaction has been approved by the board of directors of each company. Merrill Lynch common shareholders would receive 0.8595 of a share of Bank of America Corporation common stock in exchange for one share of Merrill Lynch common stock. In addition, Merrill Lynch non-convertible preferred shareholders would receive Bank of America Corporation preferred stock having substantially identical terms. Merrill Lynch convertible preferred stock will remain outstanding and will thereafter be convertible into Bank of America common stock at an equivalent exchange ratio. The acquisition would add Merrill Lynch s more than 16,000 financial advisors and its interest in BlackRock, Inc., a publicly traded investment management company. In addition, the acquisition is expected to increase our underwriting capabilities for debt and equity offerings, as well as our ability to advise on global mergers and acquisitions. The completion of this transaction is subject to closing conditions, and shareholder and regulatory approvals, and is expected to close on or around December 31, 2008.

In September 2008, we provided a $\$ 7.5$ billion bilateral secured credit facility to Merrill Lynch, which is collateralized by a variety of assets including corporate and commercial real estate loans. The facility matures on the earlier of March 26, 2009 or the completion or termination date of the pending acquisition of Merrill Lynch. Based on collateral delivered as of September 30, 2008, $\$ 3.2$ billion was available under the facility of which $\$ 3.0$ billion was outstanding. In October 2008, we provided a $\$ 10.0$ billion committed unsecured bank revolving credit facility to Merrill Lynch with borrowings guaranteed by the FDIC under the TLGP. This facility will be available to Merrill Lynch until January 30, 2009 but may expire at an earlier date if the pending acquisition of Merrill Lynch is terminated or consummated prior to January 30, 2009 or if Merrill Lynch elects to participate in the TARP Capital Purchase Program.

In September 2008, we announced an agreement in principle with the Massachusetts Securities Division under which we will offer to purchase at par ARS held by certain customers. The offer will cover approximately $\$ 4.5$ billion in ARS held by an estimated 5,600 of our customers. Further in October 2008, we announced other agreements in principle with the SEC, the Office of the New York State Attorney General (NYAG), and the North American Securities Administrators Association. These agreements are substantially similar except that the agreement with the NYAG requires the payment of a penalty. During the third quarter, we provided for estimated losses on our commitment to buy back ARS from our clients of $\$ 313$ million in other income and recorded a penalty of $\$ 50$ million in other general operating expense.

On July 1, 2008, the Corporation acquired Countrywide through its merger with a subsidiary of the Corporation. Under the terms of the agreement, Countrywide shareholders received 0.1822 of a share of Bank of America Corporation common stock in exchange for one share of Countrywide common stock. The acquisition of Countrywide significantly improved our mortgage originating and servicing capabilities while making us a leading mortgage originator and servicer. For more information related to our Countrywide acquisition, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements.

## Recent Accounting Developments

On September 15, 2008, the FASB released exposure drafts which would amend SFAS 140 and FIN 46R. As written, the proposed amendments would eliminate the concept of a QSPE and change the standards for consolidation of VIEs. The changes would be effective for both existing and newly created entities as of January 1, 2010. If adopted as written, the amendments would likely result in the consolidation of certain QSPEs and VIEs that are not currently recorded on the Consolidated Balance Sheet. These consolidations may result in an increase in outstanding loans and on-balance sheet funding, higher provision and allowance for credit losses as well as changes in the timing of recognition and location of where items are classified on our income statement. In addition, regulatory capital amounts and ratios may be negatively impacted based on the outcome of the FASB and regulatory agencies decisions. However, the impact on the Corporation cannot be determined until the FASB issues the final amendments to SFAS 140 and FIN 46R and the banking regulators provide guidance on how these amendments will impact regulatory capital. See Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements for a further discussion of recently issued accounting pronouncements.

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## Performance Overview

Net income was $\$ 1.2$ billion, or $\$ 0.15$ per diluted common share for the three months ended September 30, 2008, as compared to $\$ 3.7$ billion, or $\$ 0.82$ per diluted common share, for the three months ended September 30, 2007. Net income was $\$ 5.8$ billion, or $\$ 1.10$ per diluted common share for the nine months ended September 30,2008 , as compared to $\$ 14.7$ billion, or $\$ 3.25$ per diluted common share, for the nine months ended September 30, 2007.

## Table 1

## Business Segment Total Revenue and Net Income

|  | Three Months Ended September 30 <br> Total Revenue ${ }^{(1)}$ Net Income |  |  |  | Nine Months Ended September 30 <br> Total Revenue (1) Net Income |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| Global Consumer and Small Business Banking (2) | \$ 15,929 | \$ 12,075 | \$ 1,234 | \$ 2,313 | \$ 42,492 | \$ 35,331 | \$ 3,168 | \$ 7,519 |
| Global Corporate and Investment Banking | 4,537 | 2,919 | 533 | 90 | 13,656 | 14,285 | 2,398 | 3,241 |
| Global Wealth and Investment Management | 1,547 | 2,078 | 67 | 558 | 5,748 | 5,747 | 871 | 1,626 |
| All Other ${ }^{(2)}$ | $(2,114)$ | (600) | (657) | 737 | $(3,900)$ | (235) | (640) | 2,328 |
| Total FTE basis | 19,899 | 16,472 | 1,177 | 3,698 | 57,996 | 55,128 | 5,797 | 14,714 |
| FTE adjustment | (278) | (375) | - | - | (894) | $(1,099)$ | - | - |
| Total Consolidated | \$ 19,621 | \$ 16,097 | \$ 1,177 | \$ 3,698 | \$ 57,102 | \$ 54,029 | \$ 5,797 | \$ 14,714 |

${ }^{(1)}$ Total revenue is net of interest expense, and is on a FTE basis for the business segments and All Other. For more information on a FTE basis, see Supplemental Financial Data beginning on page 71.
${ }^{(2)} G C S B B$ is presented on a managed basis with a corresponding offset recorded in All Other.
The table above presents total revenue and net income for the business segments and All Other and the following discussion presents a summary of the related results. For more information on these results, see Business Segment Operations beginning on page 78.

For the three months ended September 30, 2008, GCSBB $s$ net income decreased as higher revenue was more than offset by increased provision for credit losses and noninterest expense. Total revenue increased from merger-related and organic average loan and deposit growth, as well as higher mortgage banking income due to the acquisition of Countrywide. Higher provision for credit losses resulted from the impacts of the housing weakness and slowing economy. Noninterest expense increased due to the addition of Countrywide and LaSalle Bank Corporation (LaSalle).
In addition to the drivers discussed above, during the nine months ended September 30, 2008, GCSBB $s$ results were favorably impacted by the Card Services portion of the Visa IPO transactions. For more information on GCSBB, see page 79.

For the three months ended September 30, 2008, GCIB $s$ net income increased due to higher revenue, partially offset by increased commercial credit costs and noninterest expense. Revenue increased due to an increase in net interest income, primarily market-based, and service charges. Market-based disruptions continue to impact our CMAS business. The higher provision for credit losses was due to the impact of the housing markets slowdown on the homebuilder loan portfolio and higher commercial domestic net charge-offs.
In addition to the drivers discussed above, during the nine months ended September 30, 2008, GCIB $s$ results were favorably impacted by the Treasury Services portion of the Visa IPO transactions. For more information on GCIB, see page 87.

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For the three months ended September 30, 2008, GWIM $s$ net income decreased due to lower revenue and higher provision for credit losses. Total revenue decreased as higher net interest income was more than offset by losses related to the support of certain cash funds. The increase in provision for credit losses was driven by deterioration in the housing markets. Noninterest expense increased due to the addition of LaSalle. In addition, total revenue and noninterest expense were adversely impacted by losses and a penalty associated with the ARS settlement.
In addition to the drivers discussed above, during the nine months ended September 30, 2008, GWIM $s$ results were impacted by the July 1 , 2007 acquisition of U.S. Trust Corporation. For more information on GWIM, see page 99.

For the three months ended September 30, 2008, All Other $s$ net income decreased due to losses in equity investment income, higher credit costs related to our ALM residential mortgage portfolio and an increase in merger and restructuring charges.
In addition to the drivers discussed above, during the nine months ended September 30, 2008, All Other s results were impacted by the absence of our Latin America operations, which were sold in the first quarter of 2007 . For more information on All Other, see page 105.

## Financial Highlights

## Net Interest Income

Net interest income on a FTE basis increased $\$ 2.9$ billion to $\$ 11.9$ billion and $\$ 6.8$ billion to $\$ 33.1$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007. The increases were driven by the acquisitions of Countrywide and LaSalle, strong loan and deposit growth, hedge income, and the contribution from market-based net interest income related to our CMAS business, which benefited from the steepening of the yield curve and product mix. The net interest yield on a FTE basis increased 32 bps to 2.93 percent and 26 bps to 2.86 percent for the three and nine months ended September 30, 2008 compared to the same periods in 2007, due to increased yields on market based activity, the beneficial impact of the current interest rate environment and hedge income. Partially offsetting these increases were the additions of lower yielding assets from the Countrywide and LaSalle acquisitions. For more information on net interest income on a FTE basis, see Tables 8 and 9 on pages 75 and 77 .

## Noninterest Income

## Table 2

## Noninterest Income

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| (Dollars in millions) | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Card income | \$ | 3,122 | \$ | 3,595 | \$ | 10,212 | \$ | 10,486 |
| Service charges |  | 2,722 |  | 2,221 |  | 7,757 |  | 6,493 |
| Investment and brokerage services |  | 1,238 |  | 1,378 |  | 3,900 |  | 3,720 |
| Investment banking income |  | 474 |  | 389 |  | 1,645 |  | 1,801 |
| Equity investment income (loss) |  | (316) |  | 904 |  | 1,330 |  | 3,747 |
| Trading account profits (losses) |  | (384) |  | $(1,388)$ |  | $(1,810)$ |  | 491 |
| Mortgage banking income |  | 1,674 |  | 155 |  | 2,564 |  | 516 |
| Insurance premiums |  | 678 |  | 235 |  | 1,092 |  | 548 |
| Gains on sales of debt securities |  | 10 |  | 7 |  | 362 |  | 71 |
| Other income (loss) |  | $(1,239)$ |  | (16) |  | $(2,204)$ |  | 880 |
| Total noninterest income | \$ | 7,979 | \$ | 7,480 | \$ | 24,848 | \$ | 28,753 |

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Noninterest income increased $\$ 499$ million to $\$ 8.0$ billion and decreased $\$ 3.9$ billion to $\$ 24.8$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007.

Card income on a held basis decreased $\$ 473$ million and $\$ 274$ million primarily due to the unfavorable change in value of the interest-only strip and decreases in various fees, partially offset by an increase in debit card income. In addition, the decrease during the nine months ended September 30, 2008 was partially offset by an increase in cash advance fees.

Service charges grew $\$ 501$ million and $\$ 1.3$ billion resulting from new account growth in deposit accounts and the beneficial impact of the LaSalle acquisition.

Investment and brokerage services decreased $\$ 140$ million for the three months ended September 30, 2008 primarily due to the absence of fees related to Marsico Capital Management, LLC (Marsico) which was sold in late 2007. Investment and brokerage services increased $\$ 180$ million for the nine months ended September 30, 2008 primarily due to the U.S. Trust Corporation and LaSalle acquisitions, partially offset by the sale of Marsico.

Investment banking income increased $\$ 85$ million for the three months ended September 30, 2008 driven by increased debt underwriting activity as customers demand for liquidity rose. Investment banking income decreased $\$ 156$ million for the nine months ended September 30, 2008, driven by reduced advisory fees due to current market disruptions.

Equity investment income decreased $\$ 1.2$ billion and $\$ 2.4$ billion due to a reduction in gains from our Principal Investing portfolio attributable to the lack of liquidity in the marketplace when compared to the same periods in the prior year and other-than-temporary impairments taken on certain equity securities, including Freddie Mac and Fannie Mae. In addition, during the three months ended September 30, 2007, we recorded a $\$ 353$ million dividend from China Construction Bank (CCB) which included a special dividend of $\$ 184$ million due to CCB s share listing.

Trading account losses were $\$ 384$ million and $\$ 1.8$ billion driven by continued losses related to CDO exposure and the continuing impact of the market disruptions on various parts of our $C M A S$ business. For more information on the impact of these events refer to the $G C I B$ discussion beginning on page 87 .

Mortgage banking income increased $\$ 1.5$ billion and $\$ 2.0$ billion primarily as a result of the Countrywide acquisition, which drove increases in servicing income of $\$ 881$ million and $\$ 1.1$ billion and production income of $\$ 639$ million and $\$ 981$ million.

Insurance premiums increased $\$ 443$ million and $\$ 544$ million primarily due to the acquisition of Countrywide s life and casualty, and reinsurance businesses.

Other income (loss) decreased $\$ 1.2$ billion and $\$ 3.1$ billion due to impairment writedowns of $\$ 789$ million and $\$ 1.9$ billion associated with CDOs classified as AFS debt securities and $\$ 145$ million and $\$ 648$ million of writedowns associated with our leveraged finance loans and commitments. We also recorded losses of $\$ 630$ million and $\$ 886$ million associated with the support provided to certain cash funds managed within GWIM and writedowns related to certain SIV investments that were purchased from the funds. In addition, during the three months ended September 30, 2008 we recorded losses of $\$ 313$ million on a commitment to buy back auction-rate securities from clients. These decreases were partially offset by a $\$ 283$ million gain on the sale of a card portfolio as well as a $\$ 224$ million gain on the sale of our prime brokerage business, both of which occurred in the third quarter of 2008.

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## Provision for Credit Losses

The provision for credit losses increased $\$ 4.4$ billion to $\$ 6.5$ billion and $\$ 13.2$ billion to $\$ 18.3$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007. Deterioration in the housing markets, particularly in geographic areas that have experienced the most significant home price declines, as well as the impacts of a slowing economy and seasoning drove higher credit costs.

For more information on credit quality, see Provision for Credit Losses beginning on page 151.

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## Noninterest Expense

## Table 3

## Noninterest Expense

| (Dollars in millions) | Three Months Ended September 30$\mathbf{2 0 0 8}$2007 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personnel | \$ | 5,198 | \$ | 4,169 | \$ | 14,344 | \$ | 13,931 |
| Occupancy |  | 926 |  | 754 |  | 2,623 |  | 2,211 |
| Equipment |  | 440 |  | 336 |  | 1,208 |  | 1,018 |
| Marketing |  | 605 |  | 552 |  | 1,813 |  | 1,644 |
| Professional fees |  | 424 |  | 258 |  | 1,071 |  | 770 |
| Amortization of intangibles |  | 464 |  | 429 |  | 1,357 |  | 1,209 |
| Data processing |  | 755 |  | 463 |  | 1,905 |  | 1,372 |
| Telecommunications |  | 288 |  | 255 |  | 814 |  | 750 |
| Other general operating |  | 2,313 |  | 1,411 |  | 4,818 |  | 3,940 |
| Merger and restructuring charges |  | 247 |  | 84 |  | 629 |  | 270 |
| Total noninterest expense | \$ | 11,660 | \$ | 8,711 | \$ | 30,582 | \$ | 27,115 |

Noninterest expense increased $\$ 2.9$ billion and $\$ 3.5$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007, primarily due to the acquisitions of Countrywide and LaSalle. The nine months ended September 30, 2008 was also impacted by the reversal of certain Visa-related litigation costs associated with the completion of the Visa IPO and a reduction in performance-based incentive compensation expense due in part to modifications to certain employee incentive programs primarily in GCIB.

## Income Tax Expense

Income tax expense was $\$ 334$ million for the three months ended September 30, 2008 compared to $\$ 1.7$ billion for the same period in 2007 resulting in an effective tax rate of 22.1 percent and 31.0 percent. Income tax expense was $\$ 2.4$ billion for the nine months ended September 30 , 2008 compared to $\$ 7.1$ billion for the same period in 2007 resulting in an effective tax rate of 29.6 percent and 32.6 percent. The decreases in the effective tax rates reflect the impact of lower pre-tax income offset by a decrease in the relative percentage of our earnings taxed solely outside of the U.S. and the remeasurement of tax positions in accordance with FIN 48. For more information on income tax expense, see Note 15 Income Taxes to the Consolidated Financial Statements.

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## Assets

At September 30, 2008, total assets were $\$ 1.8$ trillion, an increase of $\$ 115.4$ billion from December 31, 2007. The increase in total assets was primarily attributable to the acquisition of Countrywide, which impacted various line items including loans and leases, debt securities, mortgage servicing rights and other assets. Partially offsetting these increases was a decrease in federal funds sold and securities purchased under agreements to resell, primarily due to the sale of our equity prime brokerage business. In addition to the acquisition of Countrywide, debt securities also increased due to net purchases of securities and the securitization of residential mortgage loans into mortgage-backed securities which we retained.

Average total assets for the three and nine months ended September 30, 2008 increased $\$ 325.1$ billion, or 21 percent, and $\$ 254.0$ billion, or 16 percent, from the same periods in 2007 primarily due to higher loans and leases and debt

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securities. The increase in average loans and leases was attributable to organic growth and the Countrywide and LaSalle acquisitions. The increase in debt securities was driven by the same factors as noted above and the LaSalle merger.

## Liabilities and Shareholders Equity

At September 30, 2008, total liabilities were $\$ 1.7$ trillion, an increase of $\$ 101.2$ billion from December 31, 2007. The increase in total liabilities was attributable to the acquisition of Countrywide, which impacted various line items including deposits, long-term debt, and accrued expenses and other liabilities. Deposits increased $\$ 68.9$ billion due to the addition of Countrywide and the benefit we received from a consumer and business flight-to-safety resulting from market instability. Partially offsetting these increases was a decrease in commercial paper and other short-term borrowings due in part to the sale of our equity prime brokerage business.

Average total liabilities for the three and nine months ended September 30, 2008 increased $\$ 293.2$ billion, or 20 percent, and $\$ 227.0$ billion, or 16 percent, from the same periods in 2007. The increase in average total liabilities was attributable to higher deposits and long-term debt to support growth in overall assets, the assumption of liabilities associated with Countrywide and LaSalle, and the funding of the LaSalle acquisition.

Period end shareholders equity was $\$ 161.0$ billion at September 30, 2008, an increase of $\$ 14.2$ billion from December 31, 2007, due to the issuance of preferred stock of $\$ 19.7$ billion, net income of $\$ 5.8$ billion and stock issued in the Countrywide acquisition of $\$ 4.2$ billion, partially offset by dividend payments of $\$ 9.5$ billion and a decrease in accumulated OCI of $\$ 6.8$ billion. The decrease in accumulated OCI was due in part to the decrease in the fair value of our CCB investment during 2008.

Average shareholders equity for the three and nine months ended September 30, 2008 compared to the same periods in 2007, increased $\$ 32.0$ billion and $\$ 27.0$ billion due to the same period-end factors discussed above except that accumulated OCI increased due to the fair value adjustment related to our investment in CCB.

## Impact of Countrywide Acquisition

Effective July 1, 2008, Countrywide s results of operations are included in the Corporation s consolidated results. For the three and nine months ended September 30, 2008, the Countrywide acquisition contributed $\$ 644$ million to net interest income on a FTE basis, $\$ 1.7$ billion to noninterest income, $\$ 2.0$ billion to noninterest expense and $\$ 259$ million to net income. The acquisition of Countrywide did not have a significant impact on the provision for credit losses as impaired loans acquired from Countrywide were initially recorded at fair value. At July 1 , 2008, the Countrywide acquisition contributed $\$ 86.2$ billion to total loans and leases, $\$ 17.4$ billion to securities, $\$ 17.2$ billion to MSRs, and $\$ 63.0$ billion to total deposits.

The majority of Countrywide s ongoing operations are recorded in MHEIS. Countrywide s acquired first mortgage portfolio was recorded in All Other and is managed as part of our overall ALM activities. For more information on Countrywide s impact in MHEIS, see the MHEIS discussion beginning on page 85 . For more information related to the Countrywide acquisition, see Note 2 Merger and Restructuring Activity to

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## Table 4

Selected Quarterly Financial Data


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${ }^{(1)}$ Tangible shareholders equity is a non-GAAP measure. For additional information on ROTE and a corresponding reconciliation of tangible shareholders equity to a GAAP financial measure, see Supplemental Financial Data beginning on page 71.
(2) We account for acquired impaired loans in accordance with SOP 03-3. For more information on the impact of SOP 03-3 on asset quality, see Consumer Portfolio Credit Risk beginning on page 123.
${ }^{(3)}$ Includes the allowance for loan and lease losses, and the reserve for unfunded lending commitments.
${ }^{(4)}$ Balances and ratios do not include nonperforming LHFS included in other assets and nonperforming AFS debt securities.
${ }^{(5)}$ Balances and ratios do not include loans measured at fair value in accordance with SFAS 159.
$\mathrm{n} / \mathrm{m}=$ not meaningful

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## Table 5

## Selected Year-to-Date Financial Data

| (Dollars in millions, except per share information) | Nine Months Ended September 30 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  |  | 2007 |  |  |
| Income statement |  |  |  |  |  |  |
| Net interest income | \$ | 32,254 |  | \$ | 25,276 |  |
| Noninterest income |  | 24,848 |  |  | 28,753 |  |
| Total revenue, net of interest expense |  | 57,102 |  |  | 54,029 |  |
| Provision for credit losses |  | 18,290 |  |  | 5,075 |  |
| Noninterest expense, before merger and restructuring charges |  | 29,953 |  |  | 26,845 |  |
| Merger and restructuring charges |  | 629 |  |  | 270 |  |
| Income before income taxes |  | 8,230 |  |  | 21,839 |  |
| Income tax expense |  | 2,433 |  |  | 7,125 |  |
| Net income | \$ | 5,797 |  | \$ | 14,714 |  |
| Average common shares issued and outstanding (in thousands) |  | 4,469,517 |  |  | 4,424,269 |  |
| Average diluted common shares issued and outstanding (in thousands) |  | 4,493,506 |  |  | 4,483,465 |  |
| Performance ratios |  |  |  |  |  |  |
| Return on average assets |  | 0.43 | \% |  | 1.27 | \% |
| Return on average common shareholders equity |  | 4.68 |  |  | 14.88 |  |
| Return on tangible shareholders equity ${ }^{(1)}$ |  | 9.47 |  |  | 29.11 |  |
| Total ending equity to total ending assets |  | 8.79 |  |  | 8.77 |  |
| Total average equity to total average assets |  | 8.90 |  |  | 8.61 |  |
| Dividend payout |  | 174.73 |  |  | 53.79 |  |
| Per common share data |  |  |  |  |  |  |
| Earnings | \$ | 1.11 |  | \$ | 3.30 |  |
| Diluted earnings |  | 1.10 |  |  | 3.25 |  |
| Dividends paid |  | 1.92 |  |  | 1.76 |  |
| Book value |  | 30.01 |  |  | 30.45 |  |
| Market price per share of common stock |  |  |  |  |  |  |
| Closing | \$ | 35.00 |  | \$ | 50.27 |  |
| High closing |  | 45.03 |  |  | 54.05 |  |
| Low closing |  | 18.52 |  |  | 47.00 |  |
| Market capitalization | \$ | 159,672 |  | \$ | 223,041 |  |
| Average balance sheet |  |  |  |  |  |  |
| Total loans and leases | \$ | 900,574 |  | \$ | 745,162 |  |
| Total assets |  | 1,808,765 |  |  | 1,554,760 |  |
| Total deposits |  | 810,663 |  |  | 695,465 |  |
| Long-term debt |  | 223,017 |  |  | 160,895 |  |
| Common shareholders equity |  | 141,337 |  |  | 131,017 |  |
| Total shareholders equity |  | 160,890 |  |  | 133,878 |  |
| Asset quality ${ }^{(2)}$ |  |  |  |  |  |  |
| Allowance for credit losses ${ }^{(3)}$ | \$ | 20,773 |  | \$ | 9,927 |  |
| Nonperforming assets ${ }^{(4)}$ |  | 13,576 |  |  | 3,372 |  |
| Allowance for loan and lease losses as a percentage of total loans and leases outstanding (5) |  | 2.17 | \% |  | 1.21 | \% |
| Allowance for loan and lease losses as a percentage of total nonperforming loans and leases (5) |  | 173 |  |  | 300 |  |
| Net charge-offs | \$ | 10,690 |  | \$ | 4,495 |  |
| Annualized net charge-offs as a percentage of average loans and leases outstanding (5) |  | 1.59 | \% |  | 0.80 | \% |
| Nonperforming loans and leases as a percentage of total loans and leases outstanding (5) |  | 1.25 |  |  | 0.40 |  |
| Nonperforming assets as a percentage of total loans, leases and foreclosed properties ( 4,5 ) |  | 1.45 |  |  | 0.43 |  |
| Ratio of the allowance for loan and lease losses at period end to annualized net charge-offs |  | 1.42 |  |  | 1.59 |  |

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## Supplemental Financial Data

Table 6 provides a reconciliation of the supplemental financial data mentioned below with financial measures defined by GAAP. Other companies may define or calculate supplemental financial data differently.

## Operating Basis Presentation

In managing our business, we may at times look at performance excluding certain nonrecurring items. For example, as an alternative to net income, we view results on an operating basis, which represents net income excluding merger and restructuring charges. The operating basis of presentation is not defined by GAAP. We believe that the exclusion of merger and restructuring charges, which represent events outside our normal operations, provides a meaningful period-to-period comparison and is more reflective of normalized operations.

## Net Interest Income - FTE Basis

In addition, we view net interest income and related ratios and analysis (i.e., efficiency ratio, net interest yield and operating leverage) on a FTE basis. Although this is a non-GAAP measure, 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.

## Performance Measures

As mentioned above, certain performance measures including the efficiency ratio, net interest yield and operating leverage 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. Operating leverage measures the total percentage revenue growth minus the total percentage expense growth for the corresponding period. During our annual integrated planning process, we set operating leverage and 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, investment appetite, competitive environment, market factors, and other items (e.g., risk appetite). The aforementioned performance measures and ratios, return on average assets and dividend payout ratio, as well as those measures discussed more fully below, are presented in Table 6.

## Return on Average Common Shareholders Equity and Return on Average Tangible Shareholders Equity

We also evaluate our business based upon ROE and ROTE measures. ROE and ROTE utilize non-GAAP allocation methodologies. ROE measures the earnings contribution of a unit as a percentage of the shareholders equity allocated to that unit. ROTE measures our earnings contribution as a percentage of shareholders equity reduced by goodwill. These measures are used to evaluate our use of equity (i.e., capital) at the individual unit level and are integral components in the analytics for resource allocation. In addition, profitability, relationship, and investment models all use ROE as key measures to support our overall growth goal.

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## Table 6

## Supplemental Financial Data and Reconciliations to GAAP Financial Measures

| (Dollars in millions) | Three Months Ended September 30 |  |  |  |  |  | Nine Months Ended September 30 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  |  | 2007 |  |  | 2008 |  |  | 2007 |  |  |
| Operating basis |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating earnings | \$ | 1,360 |  | \$ | 3,751 |  | \$ | 6,221 |  | \$ | 14,884 |  |
| Return on average assets |  | 0.28 | \% |  | 0.94 | \% |  | 0.46 | \% |  | 1.28 | \% |
| Return on average common shareholders equity |  | 2.48 |  |  | 11.18 |  |  | 5.08 |  |  | 15.06 |  |
| Return on average tangible shareholders equity |  | 6.40 |  |  | 22.21 |  |  | 10.17 |  |  | 29.45 |  |
| Operating efficiency ratio (FTE basis) |  | 57.36 |  |  | 52.38 |  |  | 51.65 |  |  | 48.70 |  |
| Dividend payout ratio |  | n/m |  |  | 76.86 |  |  | 160.94 |  |  | 53.17 |  |
| Operating leverage (FTE basis) |  | (11.48) |  |  | (10.99) |  |  | (6.37) |  |  | (2.85) |  |
| FTE basis data |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | \$ | 11,920 |  | \$ | 8,992 |  | \$ | 33,148 |  | \$ | 26,375 |  |
| Total revenue, net of interest expense |  | 19,899 |  |  | 16,472 |  |  | 57,996 |  |  | 55,128 |  |
| Net interest yield |  | 2.93 | \% |  | 2.61 | \% |  | 2.86 | \% |  | 2.60 | \% |
| Efficiency ratio |  | 58.60 |  |  | 52.89 |  |  | 52.73 |  |  | 49.19 |  |
| Reconciliation of net income to operating earnings |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | \$ | 1,177 |  | \$ | 3,698 |  | \$ | 5,797 |  | \$ | 14,714 |  |
| Merger and restructuring charges |  | 247 |  |  | 84 |  |  | 629 |  |  | 270 |  |
| Related income tax benefit |  | (64) |  |  | (31) |  |  | (205) |  |  | (100) |  |
| Operating earnings | \$ | 1,360 |  | \$ | 3,751 |  | \$ | 6,221 |  | \$ | 14,884 |  |
| Reconciliation of average shareholders equity to average tangible shareholders equity |  |  |  |  |  |  |  |  |  |  |  |  |
| Average shareholders equity |  | 66,454 |  | \$ | 134,487 |  |  | 60,890 |  | \$ | 133,878 |  |
| Average goodwill |  | $(81,977)$ |  |  | $(67,499)$ |  |  | $(79,150)$ |  |  | $(66,309)$ |  |
| Average tangible shareholders equity | \$ | 84,477 |  | \$ | 66,988 |  | \$ | 81,740 |  | \$ | 67,569 |  |
| Reconciliation of return on average assets to operating return on average assets |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on average assets |  | 0.25 | \% |  | 0.93 | \% |  | 0.43 | \% |  | 1.27 | \% |
| Effect of merger and restructuring charges, net-of-tax |  | 0.03 |  |  | 0.01 |  |  | 0.03 |  |  | 0.01 |  |
| Operating return on average assets |  | 0.28 | \% |  | 0.94 | \% |  | 0.46 | \% |  | 1.28 | \% |
| Reconciliation of return on average common shareholders equity to operating return on average common shareholders equity |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on average common shareholders equity |  | 1.97 | \% |  | 11.02 | \% |  | 4.68 | \% |  | 14.88 | \% |
| Effect of merger and restructuring charges, net-of-tax |  | 0.51 |  |  | 0.16 |  |  | 0.40 |  |  | 0.18 |  |
| Operating return on average common shareholders equity |  | 2.48 | \% |  | 11.18 | \% |  | 5.08 | \% |  | 15.06 | \% |
| Reconciliation of return on average tangible shareholders equity to operating return on average tangible shareholders equity |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on average tangible shareholders equity |  | 5.54 | \% |  | 21.90 | \% |  | 9.47 | \% |  | 29.11 | \% |
| Effect of merger and restructuring charges, net-of-tax |  | 0.86 |  |  | 0.31 |  |  | 0.70 |  |  | 0.34 |  |
| Operating return on average tangible shareholders equity |  | 6.40 | \% |  | 22.21 | \% |  | 10.17 | \% |  | 29.45 | \% |
| Reconciliation of efficiency ratio to operating efficiency ratio (FTE basis) |  |  |  |  |  |  |  |  |  |  |  |  |
| Efficiency ratio |  | 58.60 | \% |  | 52.89 | \% |  | 52.73 | \% |  | 49.19 | \% |
| Effect of merger and restructuring charges |  | (1.24) |  |  | (0.51) |  |  | (1.08) |  |  | (0.49) |  |
| Operating efficiency ratio |  | 57.36 | \% |  | 52.38 | \% |  | 51.65 | \% |  | 48.70 | \% |
| Reconciliation of dividend payout ratio to operating dividend payout ratio |  |  |  |  |  |  |  |  |  |  |  |  |
| Dividend payout ratio |  | n/m | \% |  | 77.97 | \% |  | 174.73 | \% |  | 53.79 | \% |
| Effect of merger and restructuring charges, net-of-tax |  | n/m |  |  | (1.11) |  |  | (13.79) |  |  | (0.62) |  |
| Operating dividend payout ratio |  | n/m | \% |  | 76.86 | \% |  | 160.94 | \% |  | 53.17 | \% |
| Reconciliation of operating leverage to operating basis operating leverage (FTE basis) |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating leverage |  | (13.04) | \% |  | (8.91) | \% |  | (7.58) | \% |  | (1.70) | \% |
| Effect of merger and restructuring charges |  | 1.56 |  |  | (2.08) |  |  | 1.21 |  |  | (1.15) |  |
| Operating leverage |  | (11.48) | \% |  | (10.99) | \% |  | (6.37) | \% |  | (2.85) |  |

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## Core Net Interest Income Managed Basis

We manage core net interest income managed basis, which adjusts reported net interest income on a FTE basis for the impact of market-based activities and certain securitizations, net of retained securities. As discussed in the GCIB business segment section beginning on page 87 , we evaluate our market-based results and strategies on a total market-based revenue approach by combining net interest income and noninterest income for CMAS. We also adjust for loans that we originated and subsequently sold into certain securitizations. These securitizations include off-balance sheet loans and leases, primarily credit card securitizations. Noninterest income, rather than net interest income and provision for credit losses, is recorded for assets that have been securitized as we are compensated for servicing the securitized assets and record servicing income and gains or losses on securitizations, where appropriate. We believe the use of this non-GAAP presentation provides additional clarity in managing our results. An analysis of core net interest income managed basis, core average earning assets managed basis and core net interest yield on earning assets managed basis, which adjusts for the impact of these two non-core items from reported net interest income on a FTE basis, is shown below.

Table 7
Core Net Interest Income Managed Basis


| Average earning assets |  |  |  |  |
| :--- | :---: | ---: | ---: | :---: |
| As reported | $\mathbf{\$ 1 , 6 2 2 , 4 6 6}$ | $\$ 1,375,795$ | $\mathbf{\$ 1 , 5 4 4 , 6 1 7}$ | $\$ 1,352,177$ |
| Impact of market-based earning assets ${ }^{(2)}$ | $\mathbf{( 3 7 7 , 6 3 0})$ | $(407,066)$ | $\mathbf{( 3 8 5 , 5 1 7 )}$ | $(414,363)$ |
| Core average earning assets | $\mathbf{1 , 2 4 4 , 8 3 6}$ | 968,729 | $\mathbf{1 , 1 5 9 , 1 0 0}$ | 937,814 |
| Impact of securitizations | $\mathbf{1 0 1 , 7 4 3}$ | 104,181 | $\mathbf{1 0 2 , 4 8 1}$ | 103,028 |
| Core average earning assets | managed basis | $\mathbf{\$ 1 , 3 4 6 , 5 7 9}$ | $\$ 1,072,910$ | $\mathbf{\$ 1 , 2 6 1 , 5 8 1}$ |



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Core net interest income on a managed basis increased $\$ 2.6$ billion and $\$ 5.4$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007. The increases were driven by the acquisitions of Countrywide and LaSalle, strong loan and deposit growth and hedge income.

On a managed basis, core average earning assets increased $\$ 273.7$ billion and $\$ 220.7$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007 due to higher loan levels and the impact of the Countrywide and LaSalle acquisitions.

Core net interest yield on a managed basis decreased 1 bp to 3.79 percent and 11 bps to 3.77 percent for the three and nine months ended September 30, 2008 compared to the same periods in 2007, driven by the additions of lower yielding assets from the Countrywide and LaSalle acquisitions, partially offset by the beneficial impact of the current interest rate environment and hedge income.

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## Table 8

## Quarterly Average Balances and Interest Rates - FTE Basis

| (Dollars in millions) | Average Balance |  | Income/ Expense |  | Yield/ <br> Rate |  | Average Balance |  | Income/ <br> Expense |  | Yield/ <br> Rate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning assets |  |  |  |  |  |  |  |  |  |  |  |  |
| Time deposits placed and other short-term investments | \$ | 11,361 | \$ | 101 | 3.54 | \% | \$ | 10,310 | \$ | 87 | 3.40 | \% |
| Federal funds sold and securities purchased under agreements to resell |  | 136,322 |  | 912 | 2.67 |  |  | 126,169 |  | 800 | 2.54 |  |
| Trading account assets |  | 191,757 |  | 2,390 | 4.98 |  |  | 184,547 |  | 2,282 | 4.95 |  |
| Debt securities ${ }^{(1)}$ |  | 266,013 |  | 3,672 | 5.52 |  |  | 235,369 |  | 2,963 | 5.04 |  |
| Loans and leases ${ }^{(2)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgage |  | 260,748 |  | 3,712 | 5.69 |  |  | 256,164 |  | 3,541 | 5.54 |  |
| Home equity |  | 151,142 |  | 2,124 | 5.59 |  |  | 120,265 |  | 1,627 | 5.44 |  |
| Discontinued real estate |  | 22,031 |  | 399 | 7.25 |  |  | n/a |  | n/a | n/a |  |
| Credit card domestic |  | 63,414 |  | 1,682 | 10.55 |  |  | 61,655 |  | 1,603 | 10.45 |  |
| Credit card foreign |  | 17,075 |  | 535 | 12.47 |  |  | 16,566 |  | 512 | 12.43 |  |
| Direct/Indirect consumer ${ }^{(3)}$ |  | 85,392 |  | 1,790 | 8.34 |  |  | 82,593 |  | 1,731 | 8.43 |  |
| Other consumer ${ }^{(4)}$ |  | 3,723 |  | 80 | 8.78 |  |  | 3,953 |  | 84 | 8.36 |  |
| Total consumer |  | 603,525 |  | 10,322 | 6.82 |  |  | 541,196 |  | 9,098 | 6.75 |  |
| Commercial domestic |  | 224,117 |  | 2,852 | 5.06 |  |  | 219,537 |  | 2,762 | 5.06 |  |
| Commercial real estate ${ }^{(5)}$ |  | 63,220 |  | 727 | 4.57 |  |  | 62,810 |  | 737 | 4.72 |  |
| Commercial lease financing |  | 22,585 |  | 53 | 0.93 |  |  | 22,276 |  | 243 | 4.37 |  |
| Commercial foreign |  | 33,467 |  | 377 | 4.48 |  |  | 32,820 |  | 366 | 4.48 |  |
| Total commercial |  | 343,389 |  | 4,009 | 4.64 |  |  | 337,443 |  | 4,108 | 4.89 |  |
| Total loans and leases |  | 946,914 |  | 14,331 | 6.03 |  |  | 878,639 |  | 13,206 | 6.04 |  |
| Other earning assets |  | 70,099 |  | 1,068 | 6.07 |  |  | 65,200 |  | 1,005 | 6.19 |  |
| Total earning assets ${ }^{(6)}$ |  | 1,622,466 |  | 22,474 | 5.52 |  |  | 1,500,234 |  | 20,343 | 5.44 |  |
| Cash and cash equivalents |  | 36,030 |  |  |  |  |  | 33,799 |  |  |  |  |
| Other assets, less allowance for loan and lease losses |  | 247,195 |  |  |  |  |  | 220,580 |  |  |  |  |
| Total assets |  | ,905,691 |  |  |  |  |  | 1,754,613 |  |  |  |  |

## Interest-bearing liabilities

| Domestic interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Savings | \$ | 32,297 | \$ | 58 | 0.72 | \% | \$ | 33,164 | \$ | 64 | 0.77 | \% |
| NOW and money market deposit accounts |  | 278,520 |  | 973 | 1.39 |  |  | 258,104 |  | 856 | 1.33 |  |
| Consumer CDs and IRAs |  | 218,862 |  | 1,852 | 3.37 |  |  | 178,828 |  | 1,646 | 3.70 |  |
| Negotiable CDs, public funds and other time deposits |  | 36,039 |  | 291 | 3.21 |  |  | 24,216 |  | 195 | 3.25 |  |
| Total domestic interest-bearing deposits |  | 565,718 |  | 3,174 | 2.23 |  |  | 494,312 |  | 2,761 | 2.25 |  |
| Foreign interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |
| Banks located in foreign countries |  | 36,230 |  | 266 | 2.91 |  |  | 33,777 |  | 272 | 3.25 |  |
| Governments and official institutions |  | 11,847 |  | 72 | 2.43 |  |  | 11,789 |  | 77 | 2.62 |  |
| Time, savings and other |  | 48,209 |  | 334 | 2.76 |  |  | 55,403 |  | 410 | 2.97 |  |
| Total foreign interest-bearing deposits |  | 96,286 |  | 672 | 2.78 |  |  | 100,969 |  | 759 | 3.02 |  |
| Total interest-bearing deposits |  | 662,004 |  | 3,846 | 2.31 |  |  | 595,281 |  | 3,520 | 2.38 |  |
| Federal funds purchased, securities sold under agreements to repurchase and other short-term borrowings |  | 465,511 |  | 3,223 | 2.76 |  |  | 444,578 |  | 3,087 | 2.79 |  |
| Trading account liabilities |  | 77,271 |  | 661 | 3.40 |  |  | 70,546 |  | 749 | 4.27 |  |
| Long-term debt |  | 264,934 |  | 2,824 | 4.26 |  |  | 205,194 |  | 2,050 | 4.00 |  |
| Total interest-bearing liabilities ${ }^{(6)}$ |  | 1,469,720 |  | 10,554 | 2.86 |  |  | 1,315,599 |  | 9,406 | 2.87 |  |
| Noninterest-bearing sources: |  |  |  |  |  |  |  |  |  |  |  |  |
| Noninterest-bearing deposits |  | 195,841 |  |  |  |  |  | 190,721 |  |  |  |  |
| Other liabilities |  | 73,676 |  |  |  |  |  | 86,865 |  |  |  |  |
| Shareholders equity |  | 166,454 |  |  |  |  |  | 161,428 |  |  |  |  |
| Total liabilities and shareholders equity |  | 1,905,691 |  |  |  |  |  | 1,754,613 |  |  |  |  |
| Net interest spread |  |  |  |  | 2.66 | \% |  |  |  |  | 2.57 | \% |
| Impact of noninterest-bearing sources |  |  |  |  | 0.27 |  |  |  |  |  | 0.35 |  |
| Net interest income/yield on earning assets |  |  |  | 11,920 | 2.93 | \% |  |  |  | 0,937 | 2.92 | \% |

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(1) Yields on AFS debt securities are calculated based on fair value rather than historical cost balances. The use of fair value does not have a material impact on net interest yield.
(2) Nonperforming loans are included in the respective average loan balances. Income on these nonperforming loans is recognized on a cash basis. We account for acquired impaired loans in accordance with SOP 03-3. Loans accounted for in accordance with SOP 03-3 were written down to fair value upon acquisition and accrete interest income over the remaining life of the loan.
(3) Includes foreign consumer loans of $\$ 2.6$ billion, $\$ 3.0$ billion and $\$ 3.3$ billion in the third, second and first quarters of 2008, and $\$ 3.6$ billion and $\$ 3.8$ billion in the fourth and third quarters of 2007 , respectively.
(4) Includes consumer finance loans of $\$ 2.7$ billion, $\$ 2.8$ billion and $\$ 3.0$ billion in the third, second and first quarters of 2008 , and $\$ 3.1$ billion and $\$ 3.2$ billion in the fourth and third quarters of 2007, respectively; and other foreign consumer loans of $\$ 1.1$ billion, $\$ 862$ million and $\$ 857$ million in the third, second and first quarters of 2008 , and $\$ 845$ million and $\$ 843$ million in the fourth and third quarters of 2007, respectively.
(5) Includes domestic commercial real estate loans of $\$ 62.2$ billion, $\$ 61.6$ billion and $\$ 61.0$ billion in the third, second and first quarters of 2008 , and $\$ 58.5$ billion and $\$ 38.0$ billion in the fourth and third quarters of 2007 , respectively.
(6) Interest income includes the impact of interest rate risk management contracts, which decreased interest income on assets $\$ 12$ million, $\$ 104$ million and $\$ 103$ million in the third, second and first quarters of 2008, and $\$ 134$ million and $\$ 170$ million in the fourth and third quarters of 2007, respectively. Interest expense includes the impact of interest rate risk management contracts, which increased interest expense on liabilities $\$ 86$ million, $\$ 37$ million and $\$ 49$ million in the third, second and first quarters of 2008, and $\$ 201$ million and $\$ 226$ million in the fourth and third quarters of 2007, respectively. For further information on interest rate contracts, see Interest Rate Risk Management for Nontrading Activities beginning on page 160.
$\mathrm{n} / \mathrm{a}=$ not applicable

## Table of Contents

## Quarterly Average Balances and Interest Rates FTE Basis (continued)



Interest-bearing liabilities

| Domestic interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Savings | \$ | 31,798 | \$ | 50 | 0.63 | \% | \$ | 31,961 | \$ | 50 | 0.63 | \% | \$ | 31,510 | \$ | 50 | 0.62 | \% |
| NOW and money market deposit accounts |  | 248,949 |  | 1,139 | 1.84 |  |  | 240,914 |  | 1,334 | 2.20 |  |  | 215,078 |  | 1,104 | 2.04 |  |
| Consumer CDs and IRAs |  | 188,005 |  | 2,071 | 4.43 |  |  | 183,910 |  | 2,179 | 4.70 |  |  | 165,840 |  | 1,949 | 4.66 |  |
| Negotiable CDs, public funds and other time deposits |  | 32,201 |  | 320 | 4.00 |  |  | 34,997 |  | 420 | 4.76 |  |  | 17,392 |  | 227 | 5.20 |  |
| Total domestic interest-bearing deposits |  | 500,953 |  | 3,580 | 2.87 |  |  | 491,782 |  | 3,983 | 3.21 |  |  | 429,820 |  | 3,330 | 3.07 |  |
| Foreign interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Banks located in foreign countries |  | 39,196 |  | 400 | 4.10 |  |  | 45,050 |  | 557 | 4.91 |  |  | 43,727 |  | 564 | 5.12 |  |
| Governments and official institutions |  | 14,650 |  | 132 | 3.62 |  |  | 16,506 |  | 192 | 4.62 |  |  | 17,206 |  | 218 | 5.03 |  |
| Time, savings and other |  | 53,064 |  | 476 | 3.61 |  |  | 51,919 |  | 521 | 3.98 |  |  | 41,868 |  | 433 | 4.09 |  |
| Total foreign interest-bearing deposits |  | 106,910 |  | 1,008 | 3.79 |  |  | 113,475 |  | 1,270 | 4.44 |  |  | 102,801 |  | 1,215 | 4.69 |  |
| Total interest-bearing deposits |  | 607,863 |  | 4,588 | 3.04 |  |  | 605,257 |  | 5,253 | 3.44 |  |  | 532,621 |  | 4,545 | 3.39 |  |
| Federal funds purchased, securities sold under agreements to repurchase and other short-term |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trading account liabilities |  | 82,432 |  | 840 | 4.10 |  |  | 81,500 |  | 825 | 4.02 |  |  | 86,118 |  | 906 | 4.17 |  |
| Long-term debt |  | 198,463 |  | 2,298 | 4.63 |  |  | 196,444 |  | 2,638 | 5.37 |  |  | 175,265 |  | 2,446 | 5.58 |  |
| Total interest-bearing liabilities ${ }^{(6)}$ |  | 1,341,612 |  | 11,868 | 3.55 |  |  | 1,339,731 |  | 14,314 | 4.25 |  |  | 1,203,074 |  | 13,416 | 4.43 |  |
| Noninterest-bearing sources: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Noninterest-bearing deposits |  | 179,760 |  |  |  |  |  | 176,368 |  |  |  |  |  | 169,860 |  |  |  |  |
| Other liabilities |  | 88,827 |  |  |  |  |  | 81,444 |  |  |  |  |  | 73,144 |  |  |  |  |
| Shareholders equity |  | 154,728 |  |  |  |  |  | 144,924 |  |  |  |  |  | 134,487 |  |  |  |  |
| Total liabilities and shareholders equity |  | 1,764,927 |  |  |  |  |  | 1,742,467 |  |  |  |  |  | ,580,565 |  |  |  |  |
| Net interest spread |  |  |  |  | 2.34 | \% |  |  |  |  | 2.14 | \% |  |  |  |  | 2.05 | \% |
| Impact of noninterest-bearing sources |  |  |  |  | 0.39 |  |  |  |  |  | 0.47 |  |  |  |  |  | 0.56 |  |
| Net interest income/yield on earning assets |  |  |  | 10,291 | 2.73 | \% |  |  | \$ | 9,815 | 2.61 | \% |  |  | \$ | 8,992 | 2.61 | \% |

For Footnotes, see page 75.

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## Table 9

## Year-to-Date Average Balances and Interest Rates - FTE Basis

| (Dollars in millions) | Nine Months Ended September 30 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 <br> Interest |  |  | $\begin{aligned} & 2007 \\ & \text { Interest } \end{aligned}$ |  |  |  |  |
|  | Average Balance | Income/ <br> Expense | Yield/ Rate |  | Average Balance | Income/ Expense | Yield/ <br> Rate |  |
| Earning assets |  |  |  |  |  |  |  |  |
| Time deposits placed and other short-term investments | \$ 10,758 | \$ 282 | 3.50 | \% | \$ 14,059 | \$ 505 | 4.80 | \% |
| Federal funds sold and securities purchased under agreements to resell | 135,846 | 2,920 | 2.87 |  | 157,139 | 5,974 | 5.07 |  |
| Trading account assets | 189,579 | 7,089 | 4.99 |  | 186,137 | 7,325 | 5.25 |  |
| Debt securities ${ }^{(1)}$ | 240,347 | 9,470 | 5.25 |  | 179,589 | 7,225 | 5.37 |  |
| Loans and leases (2): |  |  |  |  |  |  |  |  |
| Residential mortgage | 262,478 | 11,090 | 5.63 |  | 260,469 | 11,140 | 5.70 |  |
| Home equity | 129,402 | 5,623 | 5.80 |  | 94,179 | 5,342 | 7.58 |  |
| Discontinued real estate | 7,397 | 399 | 7.25 |  | n/a | n/a | n/a |  |
| Credit card domestic | 62,784 | 5,059 | 10.76 |  | 57,148 | 5,444 | 12.74 |  |
| Credit card foreign | 16,297 | 1,521 | 12.47 |  | 11,694 | 1,038 | 11.86 |  |
| Direct/Indirect consumer ${ }^{(3)}$ | 82,242 | 5,220 | 8.48 |  | 68,281 | 4,344 | 8.51 |  |
| Other consumer ${ }^{(4)}$ | 3,908 | 251 | 8.58 |  | 4,614 | 318 | 9.21 |  |
| Total consumer | 564,508 | 29,163 | 6.90 |  | 496,385 | 27,626 | 7.43 |  |
| Commercial domestic | 218,702 | 8,812 | 5.38 |  | 168,948 | 9,180 | 7.26 |  |
| Commercial real estate (5) | 62,746 | 2,351 | 5.00 |  | 37,305 | 2,092 | 7.50 |  |
| Commercial lease financing | 22,364 | 557 | 3.32 |  | 19,828 | 638 | 4.29 |  |
| Commercial foreign | 32,254 | 1,130 | 4.68 |  | 22,696 | 1,026 | 6.05 |  |
| Total commercial | 336,066 | 12,850 | 5.11 |  | 248,777 | 12,936 | 6.95 |  |
| Total loans and leases | 900,574 | 42,013 | 6.23 |  | 745,162 | 40,562 | 7.27 |  |
| Other earning assets | 67,513 | 3,202 | 6.33 |  | 70,091 | 3,333 | 6.35 |  |
| Total earning assets (6) | 1,544,617 | 64,976 | 5.61 |  | 1,352,177 | 64,924 | 6.41 |  |
| Cash and cash equivalents | 34,598 |  |  |  | 32,881 |  |  |  |
| Other assets, less allowance for loan and lease losses | 229,550 |  |  |  | 169,702 |  |  |  |
| Total assets | \$ 1,808,765 |  |  |  | \$ 1,554,760 |  |  |  |

Interest-bearing liabilities

| Domestic interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Savings | \$ | 32,419 | \$ | 172 | 0.71 | \% | \$ | 32,436 | \$ 138 | 0.57 | \% |
| NOW and money market deposit accounts |  | 261,918 |  | 2,968 | 1.51 |  |  | 213,230 | 3,027 | 1.90 |  |
| Consumer CDs and IRAs |  | 195,318 |  | 5,569 | 3.81 |  |  | 162,372 | 5,638 | 4.64 |  |
| Negotiable CDs, public funds and other time deposits |  | 30,838 |  | 806 | 3.49 |  |  | 15,690 | 554 | 4.72 |  |
| Total domestic interest-bearing deposits |  | 520,493 |  | 9,515 | 2.44 |  |  | 423,728 | 9,357 | 2.95 |  |
| Foreign interest-bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |
| Banks located in foreign countries |  | 36,401 |  | 938 | 3.44 |  |  | 42,025 | 1,617 | 5.14 |  |
| Governments and official institutions |  | 12,758 |  | 281 | 2.94 |  |  | 16,529 | 620 | 5.01 |  |
| Time, savings and other |  | 52,211 |  | 1,220 | 3.12 |  |  | 40,587 | 1,246 | 4.10 |  |
| Total foreign interest-bearing deposits |  | 101,370 |  | 2,439 | 3.21 |  |  | 99,141 | 3,483 | 4.70 |  |
| Total interest-bearing deposits |  | 621,863 |  | 11,954 | 2.57 |  |  | 522,869 | 12,840 | 3.28 |  |
| Federal funds purchased, securities sold under agreements to repurchase and other short-term borrowings |  | 454,355 |  | 10,452 | 3.07 |  |  | 414,126 | 16,369 | 5.28 |  |
| Trading account liabilities |  | 76,752 |  | 2,250 | 3.92 |  |  | 83,132 | 2,619 | 4.21 |  |
| Long-term debt |  | 223,017 |  | 7,172 | 4.29 |  |  | 160,895 | 6,721 | 5.57 |  |
| Total interest-bearing liabilities ${ }^{(6)}$ |  | 1,375,987 |  | 31,828 | 3.09 |  |  | 1,181,022 | 38,549 | 4.36 |  |
| Noninterest-bearing sources: |  |  |  |  |  |  |  |  |  |  |  |
| Noninterest-bearing deposits |  | 188,800 |  |  |  |  |  | 172,596 |  |  |  |
| Other liabilities |  | 83,088 |  |  |  |  |  | 67,264 |  |  |  |
| Shareholders equity |  | 160,890 |  |  |  |  |  | 133,878 |  |  |  |
| Total liabilities and shareholders equity |  | 1,808,765 |  |  |  |  |  | 1,554,760 |  |  |  |
| Net interest spread |  |  |  |  | 2.52 | \% |  |  |  | 2.05 | \% |
| Impact of noninterest-bearing sources |  |  |  |  | 0.34 |  |  |  |  | 0.55 |  |
| Net interest income/yield on earning assets |  |  |  | 33,148 | 2.86 | \% |  |  | \$ 26,375 | 2.60 | \% |

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(1) Yields on AFS debt securities are calculated based on fair value rather than historical cost balances. The use of fair value does not have a material impact on net interest yield.
(2) Nonperforming loans are included in the respective average loan balances. Income on these nonperforming loans is recognized on a cash basis. We account for acquired impaired loans in accordance with SOP 03-3. Loans accounted for in accordance with SOP 03-3 were written down to fair value upon acquisition and accrete interest income over the remaining life of the loan.
(3) Includes foreign consumer loans of $\$ 3.0$ billion and $\$ 3.9$ billion for the nine months ended September 30, 2008 and 2007.
(4) Includes consumer finance loans of $\$ 2.8$ billion and $\$ 3.2$ billion, and other foreign consumer loans of $\$ 947$ million and $\$ 1.2$ billion for the nine months ended September 30, 2008 and 2007.
(5) Includes domestic commercial real estate loans of $\$ 61.6$ billion and $\$ 36.6$ billion for the nine months ended September 30, 2008 and 2007.
(6) Interest income includes the impact of interest rate risk management contracts, which decreased interest income on assets $\$ 219$ million and $\$ 408$ million for the nine months ended September 30, 2008 and 2007. Interest expense includes the impact of interest rate risk management contracts, which increased interest expense on liabilities $\$ 172$ million and $\$ 612$ million for the nine months ended September 30, 2008 and 2007. For further information on interest rate contracts, see Interest Rate Risk Management for Nontrading Activities beginning on page 160.
$\mathrm{n} / \mathrm{a}=$ not applicable

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## Business Segment Operations

## Segment Description

We report the results of our operations through three business segments: GCSBB, GCIB and GWIM, with the remaining operations recorded in All Other. Certain prior period amounts have been reclassified to conform to current period presentation. For more information on our basis of presentation, selected financial information for the business segments and reconciliations to consolidated total revenue and net income, see Note 18 Business Segment Information to the Consolidated Financial Statements.

## Basis of 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 71. We begin by evaluating the operating results of the businesses which by definition exclude merger and restructuring charges. The segment results also reflect certain revenue and expense methodologies which 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.

The management accounting reporting process derives segment and business results by utilizing allocation methodologies for revenue, expense and capital. 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.

Our 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. Our goal is to manage interest rate sensitivity so that movements in interest rates do not significantly adversely affect net interest income. The results of the business segments will fluctuate based on the performance of corporate ALM activities. Some ALM activities are recorded in the businesses (e.g., Deposits and Student Lending) such as external product pricing decisions, including deposit pricing strategies, as well as the effects of our internal funds transfer pricing process. The net effects of other ALM activities are reported within the Deposits and Student Lending business for GCSBB , and for GCIB and GWIM segments under ALM/Other. In addition, certain residual impacts of the funds transfer pricing process are retained in All Other.

Certain expenses not directly attributable to a specific business segment are allocated to the segments based on pre-determined means. The most significant of these expenses include data processing costs, 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 which reflect utilization.

Equity is allocated to business segments and related businesses using a risk-adjusted methodology incorporating each unit stand-alone credit, market, interest rate and operational risk components. The nature of these risks is discussed further beginning on page 115. The Corporation benefits from the diversification of risk across these components, which is reflected as a reduction to allocated equity for each segment. For GCSBB, this benefit is reflected as a reduction to allocated equity proportionately across the three consumer businesses, Deposits and Student Lending, Card Services, and Mortgage, Home Equity and Insurance Services. For our GCIB and GWIM segments, this benefit is recorded within $A L M / O t h e r$. Average equity is allocated to the business segments and the businesses, and is impacted by the portion of goodwill that is specifically assigned to them.

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## Global Consumer and Small Business Banking

Three Months Ended September 30, 2008
Deposits and

| (Dollars in millions) | Total ${ }^{(1)}$ |  |  | Student Lending |  |  | Card Services ${ }^{(1)}$ |  | Equity and Insurance Services |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(2)}$ | \$ | 8,938 |  | \$ | 2,997 |  | \$ | 4,831 |  | \$ | 1,110 |  |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income |  | 2,296 |  |  | 616 |  |  | 1,679 |  |  | 1 |  |
| Service charges |  | 1,822 |  |  | 1,821 |  |  | - |  |  | 1 |  |
| Mortgage banking income |  | 1,756 |  |  | - |  |  | - |  |  | 1,756 |  |
| Insurance premiums |  | 709 |  |  | - |  |  | 139 |  |  | 570 |  |
| All other income |  | 408 |  |  | 8 |  |  | 394 |  |  | 6 |  |
| Total noninterest income |  | 6,991 |  |  | 2,445 |  |  | 2,212 |  |  | 2,334 |  |
| Total revenue, net of interest expense |  | 15,929 |  |  | 5,442 |  |  | 7,043 |  |  | 3,444 |  |
| Provision for credit losses ${ }^{(3)}$ |  | 6,655 |  |  | 239 |  |  | 5,462 |  |  | 954 |  |
| Noninterest expense |  | 7,275 |  |  | 2,362 |  |  | 2,161 |  |  | 2,752 |  |
| Income (loss) before income taxes |  | 1,999 |  |  | 2,841 |  |  | (580) |  |  | (262) |  |
| Income tax expense (benefit) ${ }^{(2)}$ |  | 765 |  |  | 1,072 |  |  | (207) |  |  | (100) |  |
| Net income (loss) | \$ | 1,234 |  | \$ | 1,769 |  | \$ | (373) |  | \$ | (162) |  |
| Net interest yield ${ }^{(2)}$ |  | 8.28 | \% |  | 3.20 | \% |  | 8.25 | \% |  | 2.57 | \% |
| Return on average equity (4) |  | 6.19 |  |  | 35.87 |  |  | (3.57) |  |  | (3.57) |  |
| Efficiency ratio ${ }^{(2)}$ |  | 45.68 |  |  | 43.41 |  |  | 30.68 |  |  | 79.92 |  |
| Period end total asset(5) |  | 06,154 |  | \$ | 397,801 |  | \$ | 253,671 |  | \$ | 203,936 |  |



[^14](2) FTE basis
${ }^{(3)}$ Represents provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio.
(4) Average allocated equity for $G C S B B$ was $\$ 79.3$ billion and $\$ 62.3$ billion for the three months ended September 30, 2008 and 2007.
(5) Total assets include asset allocations to match liabilities (i.e., deposits).

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## Global Consumer and Small Business Banking

## Nine Months Ended September 30, 2008

Mortgage, Home
Deposits and

| (Dollars in millions) | Total ${ }^{(1)}$ |  |  | Student Lending |  |  | Card Services ${ }^{(1)}$ |  | Equity and Insurance Services |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income ${ }^{(2)}$ | \$ | 24,636 |  | \$ | 8,258 |  | \$ | 13,977 |  | \$ | 2,401 |  |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income |  | 7,583 |  |  | 1,795 |  |  | 5,783 |  |  | 5 |  |
| Service charges |  | 5,130 |  |  | 5,127 |  |  | - |  |  | 3 |  |
| Mortgage banking income |  | 2,820 |  |  | - |  |  | - |  |  | 2,820 |  |
| Insurance premiums |  | 1,203 |  |  | - |  |  | 432 |  |  | 771 |  |
| All other income |  | 1,120 |  |  | 47 |  |  | 924 |  |  | 149 |  |
| Total noninterest income |  | 17,856 |  |  | 6,969 |  |  | 7,139 |  |  | 3,748 |  |
| Total revenue, net of interest expense |  | 42,492 |  |  | 15,227 |  |  | 21,116 |  |  | 6,149 |  |
| Provision for credit losses ${ }^{(3)}$ |  | 19,655 |  |  | 772 |  |  | 13,834 |  |  | 5,049 |  |
| Noninterest expense |  | 17,820 |  |  | 7,409 |  |  | 6,198 |  |  | 4,213 |  |
| Income (loss) before income taxes |  | 5,017 |  |  | 7,046 |  |  | 1,084 |  |  | $(3,113)$ |  |
| Income tax expense (benefit) ${ }^{(2)}$ |  | 1,849 |  |  | 2,608 |  |  | 359 |  |  | $(1,118)$ |  |
| Net income (loss) | \$ | 3,168 |  | \$ | 4,438 |  | \$ | 725 |  | \$ | $(1,995)$ |  |
| Net interest yield ${ }^{(2)}$ |  | 8.41 | \% |  | 3.17 | \% |  | 8.09 | \% |  | 2.23 | \% |
| Return on average equity (4) |  | 5.98 |  |  | 29.56 |  |  | 2.34 |  |  | (28.53) |  |
| Efficiency ratio ${ }^{(2)}$ |  | 41.94 |  |  | 48.66 |  |  | 29.35 |  |  | 68.53 |  |
| Period end total asset(5) |  | 506,154 |  | \$ | 397,801 |  | \$ | 253,671 |  | \$ | 203,936 |  |

Nine Months Ended September 30, 2007
Mortgage, Home


[^15](2) FTE basis
${ }^{(3)}$ Represents provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio.
(4) Average allocated equity for $G C S B B$ was $\$ 70.7$ billion and $\$ 61.8$ billion for the nine months ended September 30, 2008 and 2007.
(5) Total assets include asset allocations to match liabilities (i.e., deposits).

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|  | Ending Balance |  |  |  | Average Balance |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September 30 |  |  |  | Three Months Ended September 30 |  | Nine Months Ended September 30 |  |
| (Dollars in millions) |  | 2008 |  | 2007 | 2008 | 2007 | 2008 | 2007 |
| Total loans and leases | \$ | 392,219 | \$ | 337,792 | \$ 393,373 | \$ 331,674 | \$ 374,494 | \$ 319,123 |
| Total earning assets ${ }^{(1)}$ |  | 445,682 |  | 355,389 | 429,440 | 351,218 | 391,432 | 352,239 |
| Total assets ${ }^{(1)}$ |  | 506,154 |  | 402,773 | 509,139 | 401,004 | 457,419 | 403,705 |
| Total deposits |  | 400,122 |  | 322,697 | 397,073 | 323,282 | 362,387 | 326,528 |

(1) Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits).

The strategy for $G C S B B$ is to attract, retain and deepen customer relationships. We achieve this strategy through our ability to offer a wide range of products and services through a franchise that stretches coast to coast through 32 states and the District of Columbia. We also provide credit card products to customers in Canada, Ireland, Spain and the United Kingdom. In the U.S., we serve approximately 59 million consumer and small business relationships utilizing our network of 6,139 banking centers, 18,584 domestic branded ATMs, and telephone and Internet channels. GCSBB is made up of three businesses: Deposits and Student Lending, Card Services and Mortgage, Home Equity and Insurance Services (MHEIS). GCSBB, specifically the Card Services business, is presented on a managed basis. For a reconciliation of managed GCSBB to held GCSBB, see Note 18 Business Segment Information to the Consolidated Financial Statements.

## Three months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income decreased $\$ 1.1$ billion, or 47 percent, as increases in noninterest income and net interest income were more than offset by higher provision for credit losses and noninterest expense.

Net interest income increased $\$ 1.7$ billion, or 23 percent, due to increased spreads and higher margin on ALM activities, and the acquisition of Countrywide. In addition, average loans and leases, and average deposits increased $\$ 61.7$ billion and $\$ 73.8$ billion, or 19 percent and 23 percent. Noninterest income increased $\$ 2.2$ billion, or 45 percent, due to increased mortgage banking income and insurance premiums primarily as a result of the Countrywide acquisition, higher service charges and a $\$ 283$ million gain on the sale of a card portfolio.

Provision for credit losses increased $\$ 3.5$ billion to $\$ 6.7$ billion driven by increases of $\$ 2.7$ billion and $\$ 757$ million in Card Services and MHEIS. For further discussion related to Card Services and MHEIS, see their respective discussions beginning on pages 82 and 85 .

Noninterest expense increased $\$ 2.0$ billion, or 38 percent, primarily driven by the Countrywide acquisition.

## Nine months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 4.4$ billion, or 58 percent, as increases in noninterest income of $\$ 3.9$ billion and net interest income of $\$ 3.3$ billion were more than offset by higher provision for credit losses of $\$ 11.0$ billion and noninterest expense of $\$ 3.0$ billion. In addition to the factors described in the three-month discussion above, noninterest income and noninterest expense benefited from the favorable impact of the Visa IPO transactions.

## Deposits and Student Lending

Deposits and Student Lending includes the results of our consumer deposits activities which include a comprehensive range of products to consumers and small businesses. In addition, Deposits and Student Lending includes our student lending and small business banking results, excluding business card, and the net effect of our ALM activities. Debit Card results are also included in Deposits and Student Lending.

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 revenues from investing this liquidity in earning assets through client-facing lending

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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 generate fees such as account service fees, non-sufficient fund fees, overdraft charges and ATM fees, while debit cards generate merchant interchange fees based on purchase volume.

We added 823 thousand and 2.1 million net new retail checking accounts for the three and nine months ended September 30, 2008. These additions resulted from continued improvement in sales and service results in the Banking Center Channel and Online, and the success of such products as Keep the Change ${ }^{\mathrm{TM}}$ and new Affinity relationships. During the first nine months of 2008, we added 4.8 million subscribers to our active online banking customer base. In addition, our active bill pay users paid $\$ 229.1$ billion worth of bills online for the nine months ended September 30, 2008.

We continue to migrate qualifying affluent customers and their related deposit balances from Deposits and Student Lending to GWIM. For the three and nine months ended September 30, 2008, a total of $\$ 3.3$ billion and $\$ 15.9$ billion of deposits, including $\$ 2.3$ billion during the first quarter of 2008 related to the initial migration of legacy LaSalle accounts, were migrated from Deposits and Student Lending to GWIM. For the three and nine months ended September 30, 2007 a total of $\$ 2.6$ billion and $\$ 9.0$ billion were migrated from Deposits and Student Lending to GWIM. After migration, the associated net interest income, service charges and noninterest expense are recorded in GWIM.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income increased $\$ 523$ million, or 42 percent, driven by higher net interest income and noninterest income as well as lower noninterest expense. Net interest income increased $\$ 434$ million, or 17 percent, driven by a higher contribution from our ALM activities and growth in average deposits partially offset by the impact of competitive deposit pricing. Average deposits increased $\$ 62.2$ billion, or 20 percent, due to the acquisitions of Countrywide and LaSalle and organic growth including customers flight-to-safety resulting from market instability partially offset by the migration of customer relationships and related deposit balances to GWIM. The acquisition of Countrywide contributed $\$ 38.7$ billion of the increase in average deposits. The increase in noninterest income was driven by higher service charges of $\$ 303$ million, or 20 percent, primarily as a result of increased volume, new demand deposit account growth and the addition of LaSalle. Additionally, debit card revenue growth of $\$ 65$ million, or 12 percent, was due to new account and card growth, increased usage and the addition of LaSalle.

Provision for credit losses increased $\$ 55$ million to $\$ 239$ million primarily driven by deposit overdrafts reflecting a higher average balance per account and account growth.

Noninterest expense decreased $\$ 118$ million, or five percent, primarily due to efficiency gains partially offset by the addition of Countrywide.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income increased $\$ 383$ million, or nine percent, driven by higher noninterest income of $\$ 909$ million and net interest income of $\$ 490$ million partially offset by increases in noninterest expense of $\$ 420$ million and provision for credit losses of $\$ 392$ million. These period-over-period changes were driven by the same factors as described in the three-month discussion above with the exception of provision for credit losses, which was principally driven by deterioration in the small business lending portfolio due to the impacts of a slowing economy and seasoning, reflective of growth. In addition, the increase in noninterest expense was due to the acquisitions of LaSalle and Countrywide, and a higher number of accounts and transaction volumes.

## Card Services

Card Services, which excludes the results of Debit Card (included in Deposits and Student Lending), provides a broad offering of products, including U.S. Consumer and Business Card, Unsecured Lending, and International Card. We offer a variety of co-branded and affinity credit card products and have become the leading issuer of credit cards through endorsed marketing in the U.S. and Europe.

The Corporation reports its Card Services results on a managed basis, which is consistent with the way that management evaluates the results of Card Services. Managed basis assumes that securitized loans were not sold and

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presents 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. Loan securitization removes loans from the Consolidated Balance Sheet through the sale of loans to an off-balance sheet QSPE which is excluded from the Corporation s Consolidated Financial Statements in accordance with GAAP.

Securitized loans continue to be serviced by the business and are subject to the same underwriting standards and ongoing monitoring as held loans. In addition, excess servicing income is exposed to similar credit risk and repricing of interest rates as held loans. The financial market disruptions that began in 2007 continued to impact the economy and financial services sector. Late in the third quarter of 2008, liquidity for asset backed securities disappeared and spreads rose to historic highs, negatively impacting our credit card securitization programs. If these conditions persist it could adversely affect our ability to access these markets at favorable terms. In addition, the spread between the three-month LIBOR rate and the Federal Funds target rate has significantly widened since December 31, 2007. For more information see our Interest Rate Risk Management for Nontrading Activities discussion on page 160.

Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007
Card Services net income decreased $\$ 1.4$ billion to a net loss of $\$ 373$ million as growth in net interest income was more than offset by higher provision for credit losses and lower noninterest income.

Net interest income grew $\$ 703$ million, or 17 percent, driven by higher managed average loans and leases of $\$ 22.4$ billion, or 11 percent combined with the beneficial impact of the decrease in short-term interest rates on our funding costs. Noninterest income decreased $\$ 141$ million, or six percent, as card income was impacted by an unfavorable change in the value of the interest-only strip and decreases in various fees. This decrease in card income was partially offset by an increase in all other income due to a $\$ 283$ million gain on the sale of a card portfolio.

Provision for credit losses increased $\$ 2.7$ billion primarily driven by higher managed losses and reserve increases from portfolio deterioration and higher bankruptcies reflecting the impacts of the slowing economy, a lower level of securitization issuance and seasoning of the portfolio reflective of growth. For further discussion, see Provision for Credit Losses beginning on page 151.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 2.4$ billion, or 77 percent, as growth in net interest income of $\$ 2.0$ billion and noninterest income of $\$ 409$ million were more than offset by higher provision for credit losses of $\$ 5.9$ billion. These period-over-period changes were driven by the same factors as described in the three-month discussion above. Additionally, noninterest income benefited from the $\$ 388$ million gain related to Card Services allocation of the Visa IPO and higher cash advance fees. Noninterest expense increased $\$ 230$ million as higher personnel-related expenses and technology-related costs primarily driven by increased customer assistance and collection infrastructure were offset by the reversal of certain Visa-related litigation costs associated with the completion of the Visa IPO.

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## Key Statistics

| (Dollars in millions) | Three Months Ended September 30 |  |  |  |  | Nine Months Ended September 30 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  |  | 2008 |  | 2007 |  |  |
| Card Services |  |  |  |  |  |  |  |  |  |  |
| Average total loans and leases: |  |  |  |  |  |  |  |  |  |  |
| Managed | \$ 232,578 |  | \$ | 210,168 |  | \$ 230,423 |  | \$ | 204,209 |  |
| Held | 126,659 |  |  | 105,851 |  | 124,246 |  |  | 101,534 |  |
| Period end total loans and leases: |  |  |  |  |  |  |  |  |  |  |
| Managed | 228,831 |  |  | 213,859 |  | 228,831 |  |  | 213,859 |  |
| Held | 126,783 |  |  | 110,317 |  | 126,783 |  |  | 110,317 |  |
| Managed net losses ${ }^{(1)}$ : |  |  |  |  |  |  |  |  |  |  |
| Amount | 4,074 |  |  | 2,513 |  | 10,807 |  |  | 7,373 |  |
| Percent ${ }^{(3)}$ | 6.97 | \% |  | 4.74 | \% | 6.26 | \% |  | 4.83 | \% |
| Credit Card ${ }^{(2)}$ |  |  |  |  |  |  |  |  |  |  |
| Average total loans and leases: |  |  |  |  |  |  |  |  |  |  |
| Managed | \$ 186,408 |  | \$ | 172,002 |  | \$ 185,258 |  | \$ | 169,005 |  |
| Held | 80,489 |  |  | 69,486 |  | 79,081 |  |  | 68,842 |  |
| Period end total loans and leases: |  |  |  |  |  |  |  |  |  |  |
| Managed | 183,398 |  |  | 173,770 |  | 183,398 |  |  | 173,770 |  |
| Held | 81,350 |  |  | 71,702 |  | 81,350 |  |  | 71,702 |  |
| Managed net losses ${ }^{(1)}$ : |  |  |  |  |  |  |  |  |  |  |
| Amount | 2,996 |  |  | 2,024 |  | 8,119 |  |  | 6,076 |  |
| Percent ${ }^{(3)}$ | 6.40 | \% |  | 4.67 | \% | 5.85 | \% |  | 4.81 | \% |

${ }^{(1)}$ Represents net charge-offs on held loans combined with realized credit losses associated with the securitized loan portfolio.
${ }^{(2)}$ Includes U.S. Consumer, foreign and U.S. Government card. Does not include business card and unsecured lending.
${ }^{(3)}$ Ratios are calculated as annualized managed net losses divided by average outstanding managed loans and leases during the period.
The table above and the following discussion presents select key indicators for the Card Services and credit card portfolios.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Managed Card Services net losses increased $\$ 1.6$ billion to $\$ 4.1$ billion, or 6.97 percent of average outstandings compared to $\$ 2.5$ billion, or 4.74 percent in the same period in 2007. This increase was driven by portfolio deterioration and higher bankruptcies reflecting the impacts of a slowing economy. Additionally, recent portfolio deterioration and growth related seasoning of the unsecured lending portfolio drove a portion of the increase.

Managed credit card net losses increased $\$ 972$ million to $\$ 3.0$ billion, or 6.40 percent of average credit card outstandings compared to $\$ 2.0$ billion, or 4.67 percent for the same period in 2007. The increase was driven by portfolio deterioration and higher bankruptcies reflecting the impacts of a slowing economy.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

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Managed Card Services net losses increased $\$ 3.4$ billion to $\$ 10.8$ billion, or 6.26 percent of average outstandings compared to $\$ 7.4$ billion, or 4.83 percent in the same period in 2007. The increase was driven by the same factors as described in the three-month discussion above.

Managed credit card net losses increased $\$ 2.0$ billion to $\$ 8.1$ billion, or 5.85 percent of average credit card outstandings compared to $\$ 6.1$ billion, or 4.81 percent for the same period in 2007. The increase was driven by the same factors as described in the three-month discussion above.

For more information on credit quality, see Consumer Portfolio Credit Risk Management beginning on page 124.

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## Mortgage, Home Equity and Insurance Services

MHEIS generates revenue by providing an extensive line of consumer real estate products and services to customers nationwide. MHEIS products are available to our customers through a retail network of personal bankers located in 6,139 banking centers, mortgage loan officers in over 1,100 locations and through a sales force offering our customers direct telephone and online access to our products as well as through our correspondent and wholesale loan acquisition channels. MHEIS 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 the Bank of America customer relationships, or are held on our balance sheet for ALM purposes. MHEIS is not impacted by the Corporation s mortgage production retention decisions as MHEIS is compensated for the decision on a management accounting basis with a corresponding offset recorded in All Other. In addition, MHEIS offers property, casualty, life, disability, credit insurance and primary mortgage reinsurance.

First mortgage and home equity production was $\$ 49.6$ billion and $\$ 5.3$ billion for the three months ended September 30,2008 compared to $\$ 24.5$ billion and $\$ 17.4$ billion for the same period in 2007 and $\$ 86.2$ billion and $\$ 28.1$ billion for the nine months ended September 30, 2008 compared to $\$ 70.9$ billion and $\$ 53.2$ billion for the same period in 2007. The increase in first mortgage production was due to the acquisition of Countrywide partially offset by a decrease in market share of the combined entity. The decrease in home equity production was primarily due to our more stringent underwriting guidelines for home equity lines of credit and loans.

Effective July 1, 2008, Countrywide s results of operations are included in the Corporation s consolidated results with the majority of its ongoing operations being recorded in MHEIS. Countrywide s acquired first mortgage portfolio was recorded in All Other and is managed as part of our overall ALM activities. For the three and nine months ended September 30, 2008 the Countrywide acquisition contributed $\$ 432$ million to net interest income, $\$ 1.7$ billion to noninterest income and $\$ 1.9$ billion to noninterest expense in MHEIS. The acquisition of Countrywide did not have a significant impact on the provision for credit losses as impaired loans acquired from Countrywide were initially recorded at fair value under SOP 03-3. For more information related to the Countrywide acquisition, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

MHEIS net income decreased $\$ 192$ million to a net loss of $\$ 162$ million as growth in total revenue was more than offset by higher noninterest expense and provision for credit losses. Net interest income grew $\$ 544$ million, or 96 percent, driven primarily by an increase in average loans and leases, and LHFS. The growth in average loans and leases of $\$ 37.0$ billion, or 34 percent, and an $\$ 11.0$ billion increase in LHFS was attributable to the Countrywide and LaSalle acquisitions as well as increases in our home equity portfolio as a result of slower prepayment speeds and organic growth. Mortgage banking income grew $\$ 1.5$ billion due primarily to the acquisition of Countrywide combined with favorable MSR valuation changes, net of hedge activities. For more information see the mortgage banking income discussion which follows. Insurance premiums increased $\$ 483$ million due to the acquisition of Countrywide s life and casualty, and reinsurance businesses.

Provision for credit losses increased $\$ 757$ million to $\$ 954$ million compared to the same period in 2007. This increase was driven primarily by higher losses in the home equity portfolio, reflective of deterioration in the housing markets particularly in geographic areas that have experienced the most significant declines in home prices. In addition, most home equity loans are secured by second lien positions, significantly reducing and in some cases resulting in no collateral value after consideration of the first lien position. This drove more severe charge-offs as borrowers defaulted. For further discussion, see Provision for Credit Losses beginning on page 151.

Noninterest expense increased $\$ 2.1$ billion to $\$ 2.8$ billion primarily driven by the Countrywide acquisition.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

MHEIS net income decreased $\$ 2.4$ billion to a net loss of $\$ 2.0$ billion as growth in noninterest income of $\$ 2.6$ billion and net interest income of $\$ 787$ million were more than offset by higher provision for credit losses of $\$ 4.7$ billion and an increase in noninterest expense of $\$ 2.4$ billion. These period-over-period changes were driven by the same conditions as described in the three-month discussion above.

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## Mortgage Banking Income

We categorize MHEIS $s$ mortgage banking income into production and servicing income. Production income is comprised of revenue from the fair value gains and losses recognized on our IRLCs and LHFS, and the related secondary market execution, and amounts related to representations and warranties given in the sales transactions and other obligations incurred in the sales of mortgage loans. In addition, production income includes revenue for transfers of mortgage loans from MHEIS to the ALM portfolio related to the Corporation s mortgage production retention decisions which is eliminated in consolidation in All Other.

Servicing activities primarily 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. Servicing income includes ancillary income derived in connection with these activities such as late fees and MSR valuation adjustments, net of hedge activities.

The following table summarizes the components of mortgage banking income:

## Mortgage banking income

| (Dollars in millions) | Three Months Ended September 30$\mathbf{2 0 0 8}$ |  |  |  | Nine Months Ended September 30 2008 2007 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production income | \$ | 749 | \$ | 119 | \$ | 1,428 | \$ | 519 |
| Servicing income: |  |  |  |  |  |  |  |  |
| Servicing fees and ancillary income |  | 1,526 |  | 225 |  | 2,042 |  | 660 |
| Impact of customer payments |  | $(1,425)$ |  | (187) |  | $(1,855)$ |  | (554) |
| Fair value changes of MSRs, net of hedge results |  | 823 |  | 86 |  | 1,123 |  | 217 |
| Other servicing related revenue |  | 83 |  | - |  | 82 |  | - |
| Total net servicing income |  | 1,007 |  | 124 |  | 1,392 |  | 323 |
| Total mortgage banking income | \$ | 1,756 | \$ | 243 | \$ | 2,820 | \$ | 842 |

Production income increased $\$ 630$ million and $\$ 909$ million for the three and nine months ended September 30, 2008 compared to the same periods in 2007. This increase was driven primarily by the Countrywide acquisition which resulted in higher volumes and an improvement in margins.

Net servicing income increased $\$ 883$ million and $\$ 1.1$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007 due primarily to increases in the value of MSR economic hedge instruments, net of decreased valuation of MSRs. Generally, when mortgage interest rates decline, as occurred during the three months ended September 30, 2008, there is an increase in the value of instruments used to economically hedge MSRs and a corresponding decrease in the value of MSRs. The decrease in the value of MSRs during the third quarter of 2008 was tempered by the expectation that weakness in the housing market would reduce the impact of market interest rates on expected future prepayments

The MHEIS $s$ servicing portfolio includes residential mortgage, home equity line of credit and home equity loans. The servicing portfolio at September 30, 2008 was $\$ 2,012.1$ billion, $\$ 1,495.2$ billion higher than at December 31, 2007, driven by the acquisition of Countrywide. Included in this amount was $\$ 1,653.6$ billion of residential first mortgage, home equity lines of credit and home equity loans serviced for others.

At September 30, 2008, the consumer MSR balance was $\$ 20.8$ billion, an increase of $\$ 17.8$ billion from December 31, 2007, due to the acquisition of Countrywide. This value represented 126 bps of the related unpaid principal balance as compared to 118 bps at December 31, 2007. The increase of 8 bps was driven by a number of factors, including substantial increases in mortgage spreads relative to historical norms as well as changes in yield curves and volatility. Combining these changes with observed housing market distress, the MSR asset benefited from a substantial reduction in expected prepayments which more than offset deterioration in credit performance, increasing the expected life of the MSR asset and its value. Partially offsetting the increase in value driven by longer weighted average lives of MSRs was a change in portfolio

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mix associated with the acquisition of Countrywide. The Countrywide portfolio was more heavily concentrated in lower-value MSRs.

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## Global Corporate and Investment Banking



| (Dollars in millions) | Three Months Ended September 30, 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  |  | Business <br> Lending |  | Capital Markets and Advisory Services ${ }^{(1)}$ |  |  | Treasury <br> Services |  |  | ALM/ Other |  |  |
| Net interest income ${ }^{(2)}$ | \$ | 2,713 |  | \$ | 1,073 |  | \$ | 811 |  | \$ | 928 |  | \$ | (99) |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Service charges |  | 673 |  |  | 115 |  |  | 36 |  |  | 522 |  |  | - |
| Investment and brokerage services |  | 236 |  |  | - |  |  | 225 |  |  | 11 |  |  | - |
| Investment banking income |  | 436 |  |  |  |  |  | 436 |  |  | - |  |  | - |
| Trading account profits (losses) |  | $(1,376)$ |  |  | (45) |  |  | $(1,349)$ |  |  | 18 |  |  | - |
| All other income (loss) |  | 237 |  |  | 214 |  |  | (277) |  |  | 271 |  |  | 29 |
| Total noninterest income |  | 206 |  |  | 284 |  |  | (929) |  |  | 822 |  |  | 29 |
| Total revenue, net of interest expense |  | 2,919 |  |  | 1,357 |  |  | (118) |  |  | 1,750 |  |  | (70) |
| Provision for credit losses |  | 227 |  |  | 238 |  |  | (4) |  |  | (8) |  |  | 1 |
| Noninterest expense |  | 2,538 |  |  | 552 |  |  | 1,083 |  |  | 865 |  |  | 38 |
| Income (loss) before income taxes |  | 154 |  |  | 567 |  |  | $(1,197)$ |  |  | 893 |  |  | (109) |
| Income tax expense (benefit) ${ }^{(2)}$ |  | 64 |  |  | 215 |  |  | (441) |  |  | 330 |  |  | (40) |
| Net income (loss) | \$ | 90 |  | \$ | 352 |  | \$ | (756) |  | \$ | 563 |  | \$ | (69) |
| Net interest yield ${ }^{(2)}$ |  | 1.62 | \% |  | 1.75 | \% |  | $\mathrm{n} / \mathrm{m}$ |  |  | 2.77 | \% |  | $\mathrm{n} / \mathrm{m}$ |
| Return on average equity ${ }^{(3)}$ |  | 0.81 |  |  | 9.02 |  |  | (21.91) | \% |  | 28.08 |  |  | $\mathrm{n} / \mathrm{m}$ |
| Efficiency ratio ${ }^{(2)}$ |  | 86.96 |  |  | 40.66 |  |  | $\mathrm{n} / \mathrm{m}$ |  |  | 49.38 |  |  | $\mathrm{n} / \mathrm{m}$ |
| Period end total assets ${ }^{4}$ ) |  | 739,427 |  | \$ | 253,231 |  | \$ | 431,506 |  | \$ | 155,919 |  |  | $\mathrm{n} / \mathrm{m}$ |

[^16](2) FTE basis

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(3) Average allocated equity for $G C I B$ was $\$ 61.8$ billion and $\$ 44.0$ billion for the three months ended September 30, 2008 and 2007. The increase was attributable to goodwill associated with the LaSalle acquisition, portfolio growth, and higher trading and operational risk.
(4) Total assets include asset allocations to match liabilities (i.e., deposits). $\mathrm{n} / \mathrm{m}=$ not meaningful

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## Global Corporate and Investment Banking

$\left.\begin{array}{lcccc} & & \text { Nine Months Ended September 30, 2008 } \\ \text { Capital Markets }\end{array}\right)$
$\left.\begin{array}{lccccccc} & & \text { Nine Months Ended September 30, 2007 } \\ \text { Capital } \\ \text { Markets }\end{array}\right)$

[^17][^18]
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(3) Average allocated equity for $G C I B$ was $\$ 60.5$ billion and $\$ 42.5$ billion for the nine months ended September 30, 2008 and 2007. The increase was attributable to goodwill associated with the LaSalle acquisition, portfolio growth, and higher trading and operational risk.
(4) Total assets include asset allocations to match liabilities (i.e., deposits).
$\mathrm{n} / \mathrm{m}=$ not meaningful

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|  | Ending Balance September 30 |  | Average Balance |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2008 | 2007 | 2008 | 2007 |  | 2008 |  | 2007 |
| Total loans and leases | \$ 339,645 | \$ 276,143 | \$ 342,494 | \$ 268,294 | \$ | 335,328 | \$ | 256,899 |
| Total trading-related assets | 277,442 | 333,107 | 350,063 | 356,867 |  | 349,683 |  | 364,843 |
| Total market-based earning assets ${ }^{(1)}$ | 289,918 | 375,100 | 377,630 | 407,066 |  | 385,517 |  | 414,363 |
| Total earning assets ${ }^{(2)}$ | 633,976 | 637,512 | 710,004 | 663,720 |  | 710,997 |  | 662,599 |
| Total assets ${ }^{(2)}$ | 753,495 | 739,427 | 821,444 | 758,281 |  | 824,788 |  | 752,860 |
| Total deposits | 244,304 | 210,656 | 237,935 | 216,715 |  | 235,671 |  | 214,553 |

(1) Total market-based earning assets represents earning assets included in CMAS but excludes loans that are accounted for at fair value in accordance with SFAS 159.
(2) Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits).
$G C I B$ provides a wide range of financial services to both our issuer and investor clients that range from business banking clients to large international corporate and institutional investor clients using a strategy to deliver value-added financial products, transaction and advisory services. GCIB s products and services are delivered from three primary businesses: Business Lending, CMAS, and Treasury Services, and are provided to our clients through a global team of client relationship managers and product partners. In addition, $A L M / O t h e r$ includes the results of ALM activities and other GCIB activities. Our clients are supported through offices in 22 countries that are divided into four distinct geographic regions: U.S. and Canada; Asia; Europe, Middle East, and Africa; and Latin America. For more information on our foreign operations, see Foreign Portfolio beginning on page 149.

In September 2008, we announced an agreement to acquire Merrill Lynch in an all-stock transaction. The acquisition is expected to increase our underwriting capabilities for debt and equity offerings, as well as our ability to advise on global mergers and acquisitions. The completion of this transaction is subject to closing conditions and shareholder and regulatory approvals, and is expected to close on or around December $31,2008$.

During the third quarter of 2008, we reached an agreement with the Massachusetts Securities Division under which we offered to purchase at par ARS held by our retail customers, including individual investors, businesses, and charitable organizations. The repurchase program will take place during the fourth quarter of 2008 . We will purchase approximately $\$ 4.5$ billion of securities, $\$ 2.9$ billion of which will be purchased by $G W I M$ and $\$ 1.6$ billion of which will be purchased by GCIB. During the third quarter, we recognized mark-to-market losses of $\$ 123$ million and $\$ 190$ million in $G W I M$ and $G C I B$ on these securities and a penalty of $\$ 50$ million which was equally allocated to $G W I M$ and $G C I B$. For more information related to our agreements to purchase ARS, see Recent Events on page 62.

Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income increased $\$ 443$ million to $\$ 533$ million as growth in net interest income and noninterest income more than offset higher provision for credit losses and noninterest expense.

Net interest income increased $\$ 1.4$ billion, or 52 percent, driven primarily by higher market-based net interest income which benefited from the steepening of the yield curve and product mix. Additionally, net interest income benefited from growth in average loans and leases of $\$ 74.2$ billion, or 28 percent, combined with a higher margin on ALM activities. These benefits were partially offset by the impact of competitive deposit pricing and a shift in the deposit product mix as more customers moved their deposits to higher yielding products. The growth in average loans and deposits was due to the LaSalle merger as well as organic growth.

Noninterest income increased $\$ 207$ million primarily driven by an improvement in trading account profits despite the market-based disruptions that continue to impact our CMAS business, and higher service charges of $\$ 185$ million. Additionally, we recognized a gain of $\$ 224$ million on the sale of our equity prime brokerage business to BNP Paribas which was recorded in ALM/Other. For further information on market-based disruptions, see the CMAS discussion.

The provision for credit losses increased $\$ 552$ million to $\$ 779$ million reflecting higher credit costs in Business Lending. For further information, see the Business Lending discussion.

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Noninterest expense increased $\$ 369$ million, or 15 percent, mainly due to an increase in personnel-related cost and other general operating expense related to the integration of LaSalle.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 843$ million, or 26 percent, driven by lower noninterest income of $\$ 4.5$ billion and an increase of $\$ 1.3$ billion in provision for credit losses. These items were partially offset by an increase in net interest income of $\$ 3.8$ billion and a decrease of $\$ 594$ million in noninterest expense. These period-over-period changes were driven by the same factors as described in the three-month discussion above, except that the decrease in noninterest income was driven by the market disruptions that adversely impacted $C M A S$ for the nine months ended September 30, 2008 compared to only the three months ended September 30, 2007. The decrease in noninterest expense was driven by reduced performance-based incentive compensation partially offset by the addition of LaSalle.

## Business Lending

Business Lending provides a wide range of lending-related products and services to our clients through client relationship teams along with various product partners. Products include commercial and corporate bank loans and commitment facilities which cover our business banking clients, middle market commercial clients and our large multinational corporate clients. Real estate lending products are issued primarily to public and private developers, homebuilders and commercial real estate firms. Leasing and asset-based lending products offer our clients innovative financing products. Products also include indirect consumer loans which allow us to offer financing through automotive, marine, motorcycle and recreational vehicle dealerships across the U.S. Business Lending also contains the results for the economic hedging of our risk to certain middle market and real estate-related commercial credit counterparties utilizing various risk mitigation tools.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income increased $\$ 22$ million, or six percent, to $\$ 374$ million as increases in net interest income and noninterest income were partially offset by higher provision for credit losses. Net interest income increased $\$ 469$ million, or 44 percent, driven by average loan growth of 31 percent to $\$ 313.4$ billion. The increase in average loans and leases was attributable to the LaSalle merger and organic growth primarily in commercial domestic and real estate loans. The increase in noninterest income of $\$ 103$ million, or 36 percent, was mainly driven by a valuation adjustment related to our option to purchase loans, which was recorded in trading account profits, and an increase in service charges.

The provision for credit losses increased $\$ 542$ million to $\$ 780$ million reflecting reserve increases and higher charge-offs primarily due to the continued weakness in the housing markets on the homebuilder loan portfolio. Also contributing to this increase were higher commercial domestic net charge-offs which increased from very low prior year levels and higher net charge-offs and reserve increases in the retail dealer-related loan portfolios due to deterioration and seasoning of the portfolio reflective of growth.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income increased $\$ 17$ million, or one percent, to $\$ 1.4$ billion as increases in net interest income of $\$ 1.2$ billion and noninterest income of $\$ 204$ million were partially offset by an increase in provision for credit losses of $\$ 1.3$ billion. These period-over-period changes were driven by the same factors as described in the three-month discussion above, except the increase in noninterest income was also the result of improved economic hedging results of our exposures to certain commercial clients.

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## Capital Markets and Advisory Services

$C M A S$ provides financial products, advisory services and financing globally to our institutional investor clients in support of their investing and trading activities. We also work with our commercial and corporate issuer clients to provide debt and equity underwriting and distribution capabilities, merger-related advisory services and risk management products using interest rate, equity, credit, currency and commodity derivatives, foreign exchange, fixed income and mortgage-related products. The business may take positions in these products and participate in market-making activities dealing in government securities, equity and equity-linked securities, high-grade and high-yield corporate debt securities, commercial paper, mortgage-backed securities and ABS. Underwriting debt and equity, securities research and certain market-based activities are executed through Banc of America Securities, $L L C$, which is a primary dealer in the U.S.

In January 2008, we announced changes in our CMAS business which better align the strategy of this business with GCIB $s$ broader integrated platform. We continue to provide corporate, commercial and institutional clients with debt and equity capital-raising services, strategic advice, and a wide range of corporate banking capabilities. However, we have reduced activities in certain structured products (e.g., CDOs).

Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007
CMAS recognized a net loss of $\$ 693$ million, an improvement of $\$ 63$ million, or eight percent, driven by higher market-based revenue of $\$ 389$ million, partially offset by an increase in CMAS spersonnel-related costs. Market-based disruptions continue to adversely impact results including losses of $\$ 952$ million, net of hedges, resulting from CDO exposure, losses of $\$ 293$ million on ARS in our public finance business including losses of $\$ 190$ million on our commitment to buy back ARS, $\$ 148$ million of losses on CMBS funded debt and the forward calendar, $\$ 145$ million of losses on leveraged finance loans and the leveraged forward calendar, and losses on several other credit-related books. These losses were partially offset by favorable results in liquid products and debt underwriting. Noninterest expense increased $\$ 257$ million as performance-based compensation was lower in the prior year. For more information relating to our market-based revenue, see the discussion below.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

CMAS recognized a net loss of $\$ 1.3$ billion as compared to net income of $\$ 398$ million in 2007 driven by lower market-based revenue of $\$ 3.5$ billion. Market-based revenue was adversely impacted by $\$ 3.1$ billion of losses, net of hedges, resulting from our CDO exposure, $\$ 648$ million of losses on leveraged finance loans and the leveraged forward calendar, $\$ 545$ million of net losses on ARS in our public finance business including estimated losses on our commitment to buy back ARS, $\$ 419$ million of losses on CMBS funded debt and the forward calendar, $\$ 325$ million of losses for counterparty credit risk valuations included in our structured credit trading business, and $\$ 218$ million in losses associated with equity investments we made in acquisition-related financing transactions. Partially offsetting these declines were favorable results in our liquid products business and equity underwriting. In addition, noninterest expense declined $\$ 647$ million primarily due to lower performance-based incentive compensation. For more information relating to our market-based revenue, see the discussion below.

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## Market-Based Revenue

$C M A S$ evaluates its results using market-based revenue that is comprised of net interest income and noninterest income. The following table presents further detail regarding market-based revenue. Sales and trading revenue is segregated into fixed income from liquid products (primarily interest rate and commodity derivatives, foreign exchange contracts and public finance), credit products (primarily investment and noninvestment grade corporate debt obligations and credit derivatives), structured products (primarily CMBS, residential mortgage-backed securities, structured credit trading and CDOs ), and equity income from equity-linked derivatives and cash equity activity.

| (Dollars in millions) | Three Months Ended September 30 |  |  |  | Nine Months Ended September 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Investment banking income |  |  |  |  |  |  |  |  |
| Advisory fees | \$ | 63 | \$ | 94 | \$ | 180 | \$ | 334 |
| Debt underwriting |  | 378 |  | 281 |  | 1,342 |  | 1,395 |
| Equity underwriting |  | 50 |  | 61 |  | 400 |  | 231 |
| Total investment banking income |  | 491 |  | 436 |  | 1,922 |  | 1,960 |
| Sales and trading revenue |  |  |  |  |  |  |  |  |
| Fixed income: |  |  |  |  |  |  |  |  |
| Liquid products |  | 1,063 |  | 634 |  | 3,027 |  | 1,559 |
| Credit products |  | (151) |  | (844) |  | (123) |  | 171 |
| Structured products |  | $(1,329)$ |  | (618) |  | $(4,101)$ |  | 185 |
| Total fixed income |  | (417) |  | (828) |  | $(1,197)$ |  | 1,915 |
| Equity income |  | 175 |  | 252 |  | 807 |  | 1,119 |
| Total sales and trading revenue |  | (242) |  | (576) |  | (390) |  | 3,034 |
| Total Capital Markets and Advisory Services market-based revenue ${ }^{(1)}$ | \$ | 249 | \$ | (140) | \$ | 1,532 | \$ | 4,994 |

(1) Excludes $\$ 23$ million and $\$ 22$ million for the three months ended September 30, 2008 and 2007, and $\$ 75$ million and $\$ 44$ million for the nine months ended September 30, 2008 and 2007, of net interest income on loans for which the fair value option has been elected and is not considered market-based income. Effective April 1, 2007, the results of loans and loan commitments to certain large corporate clients for which we elected the fair value option (including the associated risk mitigation tools) were transferred from Business Lending to CMAS to reflect the manner in which they are managed.

## Three and Nine Months Ended September 30, 2008 Compared to the Same Periods in 2007

Investment banking income increased $\$ 55$ million to $\$ 491$ million for the three months ended September 30, 2008 driven by increased debt underwriting activity as customers demand for liquidity rose. Investment banking income decreased $\$ 38$ million to $\$ 1.9$ billion for the nine months September 30, 2008 as advisory fees were adversely impacted by reduced activity due to the market disruption and debt underwriting by the utilization of fees to distribute leveraged loan commitments during the first quarter of 2008. Equity underwriting income was driven by fees earned on the Corporation s preferred stock issuances in the first half of 2008 for which CMAS was compensated on a management accounting basis with a corresponding offset in All Other.

Sales and trading revenue resulted in losses of $\$ 242$ million and $\$ 390$ million, an improvement of $\$ 334$ million and a decrease of $\$ 3.4$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007.

Liquid products sales and trading revenue increased $\$ 429$ million and $\$ 1.5$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007 as CMAS took advantage of trending volatility in interest rate and foreign exchange markets which also drove favorable client flows.

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Credit products sales and trading revenue improved $\$ 693$ million to a loss of $\$ 151$ million for the three months ended September 30, 2008 compared to the same period in 2007. We incurred losses of $\$ 145$ million on leveraged finance loans and the leveraged forward calendar as liquidity in these markets continues to be limited. No fees were utilized to distribute leveraged loan commitments during the three months ended September 30, 2008. Losses for the three months ended September 30, 2007 were primarily driven by spread widening. Credit products sales and trading revenue declined $\$ 294$ million to a loss of $\$ 123$ million for the nine months ended September 30, 2008 compared to the same period in 2007. We incurred losses of $\$ 648$ million, net of $\$ 286$ million of fees, on leveraged finance loans and the leveraged forward calendar as these markets continued to experience illiquidity during the first nine months of the year. Losses incurred on our leveraged exposure were not concentrated in any one type (senior secured or subordinated/senior unsecured) and were generally due to wider new issuance credit spreads as compared to the negotiated spreads. Credit products also included the impact of net losses on ARS of $\$ 293$ million and $\$ 545$ million both of which included $\$ 190$ million representing CMAS s portion of the commitment to buy back ARS from clients. Losses on ARS included $\$ 80$ million and $\$ 284$ million related to student loan ARS. For further discussion on our ARS exposure, see Industry Concentrations beginning on page 146 .
At September 30, 2008 and December 31, 2007, the Corporation s leveraged forward calendar was $\$ 2.3$ billion and $\$ 12.2$ billion and funded positions held for distribution were $\$ 4.3$ billion and $\$ 6.1$ billion. The decrease of $\$ 9.9$ billion in the leveraged forward finance calendar was primarily due to the funding of outstanding commitments, approximately 71 percent of which were distributed through syndication, and client-terminated commitments. These decreases were partially offset by new commitments that were entered into during the period. The leveraged forward calendar at September 30, 2008 generally represents new business at market terms. Pre-market disruption exposure originated prior to September 30, 2007, all of which was funded, amounted to $\$ 4.2$ billion at September 30, 2008 compared to $\$ 10.7$ billion of unfunded and $\$ 6.1$ billion of funded at December 31, 2007. At September 30, 2008, approximately $\$ 3.5$ billion, or 53 percent, of the leveraged forward calendar and the funded positions held for distribution were senior secured, of which $\$ 2.0$ billion were originated prior to September 30, 2007. At December 31, 2007, approximately $\$ 12.5$ billion, or 69 percent, of the leveraged forward calendar and the funded positions held for distribution were senior secured, of which $\$ 11.2$ billion were originated prior to September 30, 2007.

Structured products sales and trading revenue was a loss of $\$ 1.3$ billion and $\$ 4.1$ billion, which represented declines in revenue of $\$ 711$ million and $\$ 4.3$ billion for the three and nine months ended September 30, 2008 compared to the same periods in the prior year. The decreases were driven by $\$ 952$ million and $\$ 3.1$ billion of losses resulting from our CDO exposure, which includes our super senior, warehouse, and sales and trading positions, and our hedging activities including counterparty credit valuations. See the detailed CDO exposure discussion below. Also, structured products was adversely impacted by $\$ 148$ million and $\$ 419$ million of losses (net of hedges) on CMBS funded debt and the forward calendar for the three and nine months ended September 30, 2008, and losses related to other structured products including $\$ 325$ million of losses for counterparty credit risk valuations related to our structured credit trading business during the nine months ended September 30, 2008. In addition, the three and nine months ended September 30, 2008 included $\$ 34$ million and $\$ 218$ million in losses associated with equity investments we made in acquisition-related financing transactions. Other structured products, including residential mortgage-backed securities as well as other residual structured credit positions were negatively impacted by spread widening due to the credit market disruptions that continued into the third quarter of 2008. The results for the three and nine months ended September 30, 2007 were adversely impacted by the market disruptions that began during the third quarter of 2007.

At September 30, 2008 and December 31, 2007, we held $\$ 7.5$ billion and $\$ 13.6$ billion of funded CMBS debt of which $\$ 6.5$ billion and $\$ 8.9$ billion were primarily floating-rate acquisition-related financings to major, well known operating companies. In addition, at September 30, 2008 and December 31, 2007, we had a forward calendar of $\$ 700$ million and $\$ 2.2$ billion. The decrease in funded CMBS debt was driven by loan sales, including approximately $\$ 980$ million in the third quarter of 2008 of floating-rate acquisition-related financings, while the decrease in the forward calendar was driven by the funding of outstanding commitments and the business decision not to enter into any new floating-rate acquisition-related financings. The forward calendar at September 30, 2008 was comprised primarily of fixed-rate conduit product financings. The $\$ 148$ million and $\$ 419$ million of losses recorded during the three and nine months ended September 30, 2008, associated with our CMBS exposure were concentrated in the more difficult to hedge floating-rate debt. We have not originated any material CMBS exposures subsequent to September 30, 2007.

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Equity products sales and trading revenue decreased $\$ 77$ million and $\$ 312$ million to $\$ 175$ million and $\$ 807$ million for the three and nine months ended September 30, 2008 compared to the same periods in 2007 primarily due to lower trading results in the institutional derivatives business.
Collateralized Debt Obligation Exposure at September 30, 2008
CDO vehicles hold diversified pools of fixed income securities. CDO vehicles issue multiple tranches of debt securities, including commercial paper, mezzanine and equity securities.

Our CDO 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 liquidity commitments, refer to Collateralized Debt Obligation Vehicles as part of Off- and On-Balance Sheet Arrangements beginning on page 107. 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.

During the three and nine months ended September 30, 2008, we recorded CDO-related losses of $\$ 952$ million and $\$ 3.1$ billion including losses on super senior exposure of $\$ 725$ million and $\$ 2.7$ billion. Also included in CDO-related losses were $\$ 152$ million and $\$ 292$ million of losses on purchased securities from liquidated CDO vehicles. These securities were purchased from the vehicles at auction and the losses were recorded subsequent to their purchase. These combined losses reduced trading account profits (losses) by $\$ 88$ million and $\$ 1.2$ billion and other income by $\$ 789$ million and $\$ 1.9$ billion. Also included during the three and nine months ended September 30, 2008 were net gains of $\$ 168$ million and $\$ 803$ million related to our hedging activity, $\$ 18$ million and $\$ 217$ million of losses related to subprime sales and trading and CDO warehouse positions, and $\$ 225$ million and $\$ 612$ million of losses to cover counterparty risk on our CDO and subprime-related exposure. The losses recorded in other income noted above were other-than-temporary impairment charges related to CDOs and purchased securities classified as AFS debt securities at September 30, 2008. We had unrealized losses on super senior exposure including purchased securities from liquidated CDOs of $\$ 47$ million in accumulated OCI at September 30, 2008.

The CDO and related markets continued to deteriorate into the third quarter of 2008, experiencing significant illiquidity impacting the availability and reliability of transparent pricing. At September 30, 2008, we valued these CDO structures consistent with how we valued them at December 31, 2007. We assumed the CDO structures would terminate and looked through the structures to the underlying net asset values of the securities. We were able to obtain security values using either external pricing services or offsetting trades for approximately 71 percent of the CDO exposure for which we used the average of all prices obtained by security. The majority of the remaining positions where no pricing quotes were available were valued using matrix pricing by aligning the value to securities that had similar vintage of underlying assets and ratings, using the lowest rating between the rating services. The remaining securities were valued as interest-only strips, based on estimated average life, exposure type and vintage of the underlying assets. We assigned a zero value to the CDO positions for which an event of default has been triggered and liquidation notice has been issued. The value of cash held by the trustee for all CDO structures was also incorporated into the resulting net asset value. In addition, we were able to obtain security values using the same methodology as the CDO exposure for approximately 93 percent of the purchased securities from liquidated CDOs.

As presented in the following table, during the three and nine months ended September 30, 2008, our super senior net exposure, excluding purchased securities from liquidated CDOs, decreased $\$ 787$ million and $\$ 5.7$ billion to $\$ 6.0$ billion at September 30, 2008, primarily driven by writedowns, paydowns and liquidations. Including purchased securities, our super senior net exposure decreased $\$ 996$ million and $\$ 4.2$ billion to $\$ 7.4$ billion at September 30, 2008. In addition, during the nine-month period, we reclassified $\$ 5.2$ billion of super senior liquidity commitments to other super senior exposure. This amount represents the net exposure, after insurance and writedowns, at the time of reclassification of four CDO vehicles and a CDO conduit to which we had an aggregate gross liquidity exposure of $\$ 11.1$ billion at December 31, 2007. As described further within the Collateralized Debt Obligation Vehicles section beginning on page 112, we no longer have liquidity exposure to these vehicles. Instead, we now hold cash positions, including super senior securities issued by the CDOs.

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The following table presents a rollforward of our super senior CDO exposure for the three and nine months ended September 30, 2008.

## Super Senior Collateralized Debt Obligation Exposure Rollforward

Three Months Ended September 30, 2008

| (Dollars in millions) | June 30, 2008 <br> Net Exposure |  | Paydowns$/$Liquidations /Other |  | Third Quarter 2008 Net Writedowns (1) |  | Reclassifications ${ }^{(2)}$ |  | September 30, 2008 <br> Net <br> Exposure |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Super senior liquidity commitments |  |  |  |  |  |  |  |  |  |  |
| High grade | \$ | 714 | \$ | (26) | \$ | - | \$ | - | \$ | 688 |
| Mezzanine |  | 358 |  | - |  | (21) |  | - |  | 337 |
| CDO-squared |  | - |  | - |  | - |  | - |  | - |
| Total super senior liquidity commitments |  | 1,072 |  | (26) |  | (21) |  | - |  | 1,025 |
| Other super senior exposure |  |  |  |  |  |  |  |  |  |  |
| High grade |  | 3,608 |  | (13) |  | (257) |  | - |  | 3,338 |
| Mezzanine |  | 277 |  | (14) |  | (84) |  | - |  | 179 |
| CDO-squared |  | 1,804 |  | (9) |  | (363) |  | - |  | 1,432 |
| Total other super senior |  | 5,689 |  | (36) |  | (704) |  | - |  | 4,949 |
| Total super senior | \$ | 6,761 | \$ | (62) | \$ | (725) | \$ | - | \$ | 5,974 |
| Purchased securities from liquidated CDOs |  | 1,667 |  | (57) |  | (152) |  | - |  | 1,458 |
| Total | \$ | 8,428 | \$ | (119) | \$ | (877) | \$ | - | \$ | 7,432 |

Nine Months Ended September 30, 2008

|  | December 31, 2007 <br> Net <br> Exposure |  | Paydowns$/$Liquidations /Other |  | $\begin{gathered} \text { Year-to-Date } \\ 2008 \\ \text { Net } \\ \text { Writedowns } \\ \text { (1) } \end{gathered}$ |  | Reclassifications <br> (2) |  | September <br> 30, 2008 <br> Net <br> Exposure |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Super senior liquidity commitments |  |  |  |  |  |  |  |  |  |  |
| High grade | \$ | 5,166 | \$ | (141) | \$ | (420) | \$ | $(3,917)$ | \$ | 688 |
| Mezzanine |  | 358 |  | - |  | (21) |  | - |  | 337 |
| CDO-squared |  | 2,227 |  | (361) |  | (548) |  | $(1,318)$ |  | - |
| Total super senior liquidity commitments |  | 7,751 |  | (502) |  | (989) |  | $(5,235)$ |  | 1,025 |
| Other super senior exposure |  |  |  |  |  |  |  |  |  |  |
| High grade |  | 2,125 |  | $(2,191)$ |  | (513) |  | 3,917 |  | 3,338 |
| Mezzanine |  | 795 |  | (164) |  | (452) |  | - |  | 179 |
| CDO-squared |  | 959 |  | (58) |  | (787) |  | 1,318 |  | 1,432 |
| Total other super senior |  | 3,879 |  | $(2,413)$ |  | $(1,752)$ |  | 5,235 |  | 4,949 |
| Total super senior | \$ | 11,630 | \$ | $(2,915)$ | \$ | $(2,741)$ | \$ | - | \$ | 5,974 |
| Purchased securities from liquidated CDOs |  | - |  | 1,750 |  | (292) |  | - |  | 1,458 |
| Total | \$ | 11,630 | \$ | $(1,165)$ | \$ | $(3,033)$ | \$ | - | \$ | 7,432 |

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The following table presents our super senior CDO exposure at September 30, 2008 and December 31, 2007.

## Super Senior Collateralized Debt Obligation Exposure

Total CDO Exposure at September 30, 2008

|  |  |  | rime Expo |  |  | Septe | Non-Su | 08 |  | pos | sure |  |  | al | CDO |  | Exposure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Cumulative |  |  |  |  |  |  | mulativ |  |  |  |  |  |  |
|  |  |  | Net of Insured | Write- |  |  |  |  |  |  | Write- |  |  |  |  | Dec | mber 31 |
| (Dollars in millions) | Gross | Insured | Amounts | downs ${ }^{(3)}$ | Net Exposure | Gross | Insured | Am | unts |  | $\underset{\text { (3) }}{\text { downs }}$ |  | Net Se | te | $\begin{aligned} & \text { mber } \\ & 008 \end{aligned}$ |  | 007 |
| Super senior liquidity commitments |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High grade | \$ | \$ - | \$ | \$ | \$ - | 688 | \$ - | \$ | 688 | \$ |  | \$ | 688 | \$ | 688 | \$ | 5,166 |
| Mezzanine | 363 |  | 363 | (26) | 337 | - | - |  | - |  |  |  | - |  | 337 |  | 358 |
| CDO-squared | - | - | - | - | - | - | - |  | - |  |  |  | - |  | - |  | 2,227 |
| Total super senior liquidity commitments | 363 | - | 363 | (26) | 337 | 688 | - |  | 688 |  |  |  | 688 |  | 1,025 |  | 7,751 |


| Other super senior exposure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| High grade | 5,142 | $(3,723)$ |  | 1,419 |  | (477) |  | 942 | 3,459 | (735) |  | 2,724 |  | (328) |  | 2,396 |  | 3,338 |  | 2,125 |
| Mezzanine | 1,006 | - |  | 1,006 |  | (827) |  | 179 | - | - |  | - |  | - |  | - |  | 179 |  | 795 |
| CDO-squared | 5,098 | - |  | 5,098 |  | $(3,666)$ |  | 1,432 | 349 | (349) |  | - |  | - |  | - |  | 1,432 |  | 959 |
| Total other super senior | 11,246 | $(3,723)$ |  | 7,523 |  | $(4,970)$ |  | 2,553 | 3,808 | $(1,084)$ |  | 2,724 |  | (328) |  | 2,396 |  | 4,949 |  | 3,879 |
| Total super senior | \$ 11,609 | \$ $(3,723)$ | \$ | 7,886 | \$ | $(4,996)$ | \$ | 2,890 | \$ 4,496 | \$ (1,084) | \$ | 3,412 | \$ | (328) | \$ | 3,084 | \$ | 5,974 | \$ | 11,630 |
| Purchased securities from |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| liquidated CDOs | 1,750 | - |  | 1,750 |  | (292) |  | 1,458 | - | - |  | - |  | - |  | - |  | 1,458 |  | - |
| Total | \$ 13,359 | \$ (3,723) | \$ | 9,636 | \$ | $(5,288)$ | \$ | 4,348 | \$ 4,496 | \$ $(1,084)$ | \$ | 3,412 | \$ | (328) | \$ | 3,084 | \$ | 7,432 | \$ | 11,630 |

${ }^{(1)}$ Classified as subprime when subprime consumer real estate loans make up at least 35 percent of the ultimate underlying collateral s original net exposure value.
${ }^{(2)}$ Includes highly-rated collateralized loan obligations and commercial mortgage-backed securities super senior exposure.
${ }^{(3)}$ Net of insurance excluding losses taken on liquidated CDOs.
At September 30, 2008, we held $\$ 3.7$ billion of purchased insurance on our subprime super senior CDO exposure of which 59 percent was provided by monolines in the form of CDS, total-return-swaps (TRS) or financial guarantees. In the case of default, we look to the underlying securities and then to recovery on purchased insurance. At September 30, 2008, these contracts were valued at $\$ 2.0$ billion by referencing the fair value of the CDO which is valued in the same manner as the unhedged portion. We have adjusted these values downward by a total of $\$ 700$ million to date to reflect counterparty credit risk to the issuers of the insurance. In addition, we held collateral in the form of cash and marketable securities of $\$ 566$ million related to our purchased insurance. The underlying insured CDOs are collateralized with approximately 46 percent of subprime assets of which approximately 66 percent are of higher quality vintages from 2005 and prior.

In addition, at September 30, 2008 we held $\$ 1.1$ billion of purchased insurance on our non-subprime super senior CDO exposure all of which was provided by monolines in the form of CDS, TRS or financial guarantees. At September 30, 2008, these contracts were valued at $\$ 49$ million by referencing the fair value of the CDO which is valued in the same manner as the unhedged portion. We have adjusted these values downward by a total of $\$ 16$ million to date to reflect counterparty credit risk to the issuers of the insurance. For more information on our credit exposure to monolines, see Industry Concentrations beginning on page 146 .

At September 30, 2008, the carrying value of the super senior exposure in the form of cash positions, liquidity commitments, and derivative contracts consisted of net subprime super senior exposure of $\$ 2.9$ billion and net non-subprime super senior exposure of $\$ 3.1$ billion. In addition, we had $\$ 1.5$ billion of exposure in purchased securities from liquidated CDOs. At September 30, 2008, these purchased securities were carried at approximately 48 percent of their original net exposure amount and approximately 51 percent of the underlying assets are subprime. For more

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information on our super senior liquidity exposure, see the CDO discussion beginning on page 112 .

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The following table presents the carrying values of our subprime net exposures including subprime collateral content and percentages of recent vintages.

Subprime Super Senior Collateralized Debt Obligation Carrying Values ${ }^{(1)}$

September 30, 2008

${ }^{(1)}$ Classified as subprime when subprime consumer real estate loans make up at least 35 percent of the ultimate underlying collateral s original net exposure value.
(2) Based on current net exposure value.

Net subprime super senior liquidity commitments were $\$ 337$ million at September 30, 2008. This mezzanine exposure is collateralized with about 42 percent of subprime assets of which approximately 54 percent are of higher quality vintages from 2005 and prior. We incurred $\$ 21$ million in losses associated with these exposures during the three and nine months ended September 30, 2008.

Net other subprime super senior exposure was $\$ 2.6$ billion at September 30, 2008. Other subprime super senior exposure consists primarily of cash securities and CDS on CDO positions. The collateral supporting the high grade exposure consisted of about 56 percent subprime, of which approximately 14 percent was made up of 2006 and 2007 vintages while the remaining amount was comprised of higher quality vintages from 2005 and prior. The mezzanine exposure underlying collateral was heavily weighted to subprime with approximately 69 percent coming from later vintages while the CDO-squared collateral was approximately 23 percent subprime of which approximately 71 percent was comprised of later vintages. We recorded losses associated with these exposures of $\$ 558$ million and $\$ 2.5$ billion for the three and nine months ended September 30, 2008.

We also had net non-subprime super senior exposure of $\$ 3.1$ billion which primarily included highly-rated CLO and CMBS super senior exposures. The net non-subprime super senior exposure is comprised of $\$ 688$ million of high grade super senior liquidity commitment exposure and $\$ 2.4$ billion of high grade other super senior exposure. We recorded losses of $\$ 146$ million and $\$ 271$ million associated with these exposures during the three and nine months ended September 30, 2008. These losses were primarily driven by spread widening and impairments of principal from the non-CLO and CMBS exposure in these super senior CDOs. These non-subprime super senior exposures could experience additional impairments of principal in future periods as credit conditions have begun to deteriorate in the corporate debt and commercial mortgage markets.

In addition to the super senior exposure including purchased securities at September 30, 2008, we also had commercial real estate and mortgage-related security exposure with a market value of $\$ 721$ million in our CDO sales and trading portfolio of which approximately $\$ 329$ million was classified as subprime. This subprime exposure is carried at approximately 14 percent of par value and includes $\$ 162$ million of

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positions in legacy warehouses which were initiated in 2007. We also had purchased exposure related to a subprime mortgage securitization of $\$ 47$ million.

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## Treasury Services

Treasury Services provides integrated working capital management and treasury solutions to clients worldwide through our network of proprietary offices and special clearing arrangements. Our clients include multinationals, middle-market companies, correspondent banks, commercial real estate firms and governments. Our products and services include treasury management, trade finance, foreign exchange, short-term credit facilities and short-term investing options. Net interest income is derived from interest-bearing and noninterest-bearing deposits, sweep investments, and other liability management products. Deposit products provide a relatively stable source of funding and liquidity. We earn net interest spread revenues from investing this liquidity in earning assets through client-facing lending activity and our ALM activities. The revenue is attributed to the deposit products using our funds transfer pricing process which takes into account the interest rates and maturity characteristics of the deposits. Noninterest income is generated from payment and receipt products, merchant services, wholesale card products, and trade services and is comprised largely of service charges which are net of market-based earnings credit rates applied against noninterest-bearing deposits.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income was relatively flat at $\$ 557$ million, as higher noninterest income was largely offset by increases in noninterest expense. Net interest income remained relatively unchanged in spite of strong average deposit growth of $\$ 30.7$ billion, or 20 percent, due to organic growth as well as the LaSalle merger. Deposit growth was accentuated by our clients flight-to-safety, notably seen in activity of our large corporate and hedge fund clients, and contributed to overall total deposits growth of 14 percent during the last month of the quarter. This increase was offset by spread compression resulting from the change in the mix between interest-bearing and noninterest-bearing deposits as clients shifted to interest-bearing and/or higher yielding investment alternatives. Noninterest income grew $\$ 151$ million, or 18 percent, driven by increased service charges of $\$ 128$ million which was due to organic growth, changes in our pricing structure, and the LaSalle merger. Noninterest expense increased $\$ 117$ million, or 14 percent, due to the LaSalle merger.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income increased $\$ 337$ million, or 20 percent, as an increase of $\$ 846$ million in noninterest income was partially offset by a decrease in net interest income of $\$ 196$ million, combined with an increase of $\$ 97$ million in noninterest expense. These period-over-period changes were driven by the same factors as described in the three-month discussion above, except that noninterest income and noninterest expense benefited from the favorable impact of the Visa IPO transactions.

## ALM/Other

$A L M / O t h e r$ includes an allocation of a portion of the Corporation s net interest income from ALM activities as well as residual amounts related to discontinued business activities.

Net income increased $\$ 364$ million and $\$ 544$ million for the three and nine months ended September 30, 2008 compared to the same periods in 2007 mainly due to increases in net interest income of $\$ 298$ million and $\$ 564$ million, resulting from a higher contribution from the Corporation s ALM activities, which was due in part to investing the Corporation s deposits at profitable spreads. In addition, at September 30, 2008, we completed the sale of our equity prime brokerage business to BNP Paribas which resulted in a gain of $\$ 224$ million which was recorded in all other income.

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## Global Wealth and Investment Management



(1) FTE basis
(2) Average allocated equity for GWIM was $\$ 11.7$ billion and $\$ 10.7$ billion for the three months ended September 30, 2008 and 2007.
(3) Total assets include asset allocations to match liabilities (i.e., deposits).
$\mathrm{n} / \mathrm{m}=$ not meaningful

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## Global Wealth and Investment Management



|  |  |  |  |  | Nine | ont |  | Septe | er 3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  | Total |  |  | U.S. $\text { rust }{ }^{(1)}$ |  |  | umbia gement |  |  | remier king and estments |  |  | $\begin{aligned} & \text { LM/ } \\ & \text { ther } \end{aligned}$ |
| Net interest income ${ }^{(2)}$ | \$ | 2,872 |  | \$ | 738 |  | \$ | 4 |  | \$ | 2,009 |  | \$ | 121 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Investment and brokerage services |  | 2,701 |  |  | 843 |  |  | 1,034 |  |  | 704 |  |  | 120 |
| All other income |  | 174 |  |  | 39 |  |  | 19 |  |  | 104 |  |  | 12 |
| Total noninterest income |  | 2,875 |  |  | 882 |  |  | 1,053 |  |  | 808 |  |  | 132 |
| Total revenue, net of interest expense |  | 5,747 |  |  | 1,620 |  |  | 1,057 |  |  | 2,817 |  |  | 253 |
| Provision for credit losses |  | (20) |  |  | (25) |  |  | - |  |  | 5 |  |  | - |
| Noninterest expense |  | 3,183 |  |  | 1,097 |  |  | 745 |  |  | 1,264 |  |  | 77 |
| Income before income taxes |  | 2,584 |  |  | 548 |  |  | 312 |  |  | 1,548 |  |  | 176 |
| Income tax expense ${ }^{(2)}$ |  | 958 |  |  | 203 |  |  | 115 |  |  | 573 |  |  | 67 |
| Net income | \$ | 1,626 |  | \$ | 345 |  | \$ | 197 |  | \$ | 975 |  | \$ | 109 |
| Net interest yield ${ }^{(2)}$ |  | 3.14 | \% |  | 2.74 | \% |  | $\mathrm{n} / \mathrm{m}$ |  |  | 2.80 | \% |  | $\mathrm{n} / \mathrm{m}$ |
| Return on average equity (3) |  | 23.14 |  |  | 20.61 |  |  | 53.93 | \% |  | 81.05 |  |  | $\mathrm{n} / \mathrm{m}$ |
| Efficiency ratio ${ }^{(2)}$ |  | 55.38 |  |  | 67.74 |  |  | 70.44 |  |  | 44.88 |  |  | $\mathrm{n} / \mathrm{m}$ |
| Period end total assets ${ }^{(4)}$ |  | 138,725 |  | \$ | 46,034 |  | \$ | 1,407 |  | \$ | 102,180 |  |  | $\mathrm{n} / \mathrm{m}$ |

${ }^{(1)}$ In July 2007, the operations of the acquired U.S. Trust Corporation were combined with the former Private Bank creating U.S. Trust, Bank of America Private Wealth Management. The results of the combined business were reported for periods beginning on July 1, 2007. Prior to July 1, 2007, the results solely reflect that of the former Private Bank.

[^20](3) Average allocated equity for GWIM was $\$ 11.7$ billion and $\$ 9.4$ billion for the nine months ended September 30, 2008 and 2007.
(4) Total assets include asset allocations to match liabilities (i.e., deposits).
$\mathrm{n} / \mathrm{m}=$ not meaningful

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|  | Ending Balance |  |  | Average Balance |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September 30 |  |  | Three Months Ended September 30 |  | Nine Months Ended September 30 |  |
| (Dollars in millions) |  | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| Total loans and leases | \$ | 88,979 | \$ 78,324 | \$ 88,253 | \$ 77,045 | \$ 87,160 | \$ 70,325 |
| Total earning assets ${ }^{(1)}$ |  | 169,582 | 130,304 | 162,859 | 128,148 | 155,491 | 122,263 |
| Total assets ${ }^{(1)}$ |  | 179,347 | 138,725 | 172,313 | 137,093 | 165,063 | 129,530 |
| Total deposits |  | 166,273 | 130,534 | 160,999 | 127,821 | 155,558 | 120,392 |

(1) Total earning assets and total assets include asset allocations to match liabilities (i.e., deposits).

GWIM provides a wide offering of customized banking, investment and brokerage services tailored to meet the changing wealth management goals of our individual and institutional customer base. Our clients have access to a range of services offered through three primary businesses: U.S. Trust, Bank of America Private Wealth Management (U.S. Trust); Columbia Management (Columbia); and Premier Banking and Investments ( $P B \& I$ ). In addition, ALM/Other primarily includes the results of ALM activities.

In December 2007, we completed the sale of Marsico. Prior year Marsico business results have been transferred to All Other to better facilitate year-over-year comparisons.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income decreased $\$ 491$ million, or 88 percent, as higher net interest income was more than offset by lower noninterest income and increased provision for credit losses.

Net interest income increased $\$ 247$ million, or 25 percent, due to higher margin on ALM activities, the acquisition of LaSalle, and growth in average deposit and loan balances partially offset by spread compression driven by deposit mix and competitive deposit pricing. GWIM average deposit growth benefited from the migration of customer relationships and related deposit balances from $G C S B B$, organic growth and the LaSalle acquisition. A more detailed discussion regarding migrated customer relationships and related deposit balances is provided in the $P B \& I$ discussion beginning on page 104.

Noninterest income decreased $\$ 778$ million, driven by $\$ 630$ million in losses related to the support provided to certain cash funds managed within Columbia and losses of $\$ 123$ million associated with the commitment to buy back ARS of which $\$ 94$ million is included in $P B \& I$ and $\$ 29$ million is included in U.S. Trust. For more information on the buy back of ARS see Recent Events on page 62.

Provision for credit losses increased $\$ 179$ million to $\$ 150$ million as a result of increased reserves and higher net charge-offs primarily in $P B \&$ due to the deterioration in the housing markets and the impacts of a slower economy.

Noninterest expense increased \$66 million, or five percent, due to the addition of LaSalle and a penalty associated with the commitment to buy back ARS.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 755$ million, or 46 percent, driven by losses of $\$ 886$ million associated with the support of certain cash funds, increases of $\$ 653$ million in noninterest expense and $\$ 532$ million in provision for credit losses as well as losses associated with our commitment to buy back ARS. Partially offsetting these items was an increase of $\$ 508$ million in net interest income. These period-over-period changes were driven by the same factors as discussed in the three-month discussion above, as well as the U.S. Trust Corporation acquisition and expenses related to the mass affluent and retirement initiatives.

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## Client Assets

The following table presents client assets which consist of AUM, client brokerage assets and assets in custody.

## Client Assets ${ }^{(1)}$

|  | September 30 |  |  |
| :--- | :---: | :---: | :---: |
| (Dollars in millions) | $\mathbf{2 0 0 8}$ | 2007 |  |
| Assets under management | $\mathbf{5 6 4 , 4 3 8}$ | $\$$ | 709,955 |
| Client brokerage assets | $\mathbf{1 9 6 , 5 6 6}$ | 217,916 |  |
| Assets in custody | $\mathbf{1 5 0 , 5 7 5}$ | 158,756 |  |
| Less: Client brokerage assets and assets in custody included in assets under management | $\mathbf{( 8 2 , 9 2 1 )}$ | $(87,386)$ |  |
| Total net client assets | $\mathbf{8 2 8 , 6 5 8}$ | $\mathbf{9 9 9 , 2 4 1}$ |  |
|  | $\mathbf{\$}$ | $\$$ |  |


#### Abstract

${ }^{(1)}$ In December 2007, the Corporation completed the sale of Marsico. Total AUM at September 30, 2007 includes AUM that were managed prior to the sale of Marsico of $\$ 59.5$ billion (including $\$ 5.3$ billion in eliminations). Prior year Marsico business results have been transferred to All Other to better facilitate year-over-year comparisons. AUM decreased $\$ 145.5$ billion, or 20 percent, as of September 30, 2008 compared to the same period in 2007, driven by market declines of $\$ 77.9$ billion, the sale of Marsico which resulted in a decrease of $\$ 60.9$ billion, and net client outflows of $\$ 13.6$ billion partially offset by the LaSalle acquisition, which contributed $\$ 7.5$ billion. As of September 30, 2008, client brokerage assets decreased by $\$ 21.4$ billion, or ten percent, compared to the same period in 2007, driven by market declines partially offset by the addition of LaSalle. Assets in custody decreased $\$ 8.2$ billion, or five percent, compared to the same period in 2007.


In September 2008, we announced an agreement to acquire Merrill Lynch in an all-stock transaction. The acquisition would add Merrill Lynch s more than 16,000 financial advisors and its interest in BlackRock, Inc., a publicly traded investment management company. The completion of this transaction is subject to closing conditions, and shareholder and regulatory approvals, and is expected to close on or around December 31, 2008.

## U.S. Trust, Bank of America Private Wealth Management

In July 2007, the acquisition of U.S. Trust Corporation was completed for $\$ 3.3$ billion in cash combining it with the Private Bank, to form U.S. Trust. The results of the combined business were reported for periods beginning on July 1, 2007. Prior to July 1, 2007, the results solely reflect that of the former Private Bank. U.S. Trust provides comprehensive wealth management solutions to wealthy and ultra-wealthy clients with investable assets of more than $\$ 3$ million. In addition, U.S. Trust provides resources and customized solutions to meet clients wealth structuring, investment management, trust and banking needs as well as specialty asset management services (oil and gas, real estate, farm and ranch, timberland, private businesses and tax advisory). Clients also benefit from access to resources available through the Corporation including capital markets products, large and complex financing solutions, and its extensive banking platform.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income decreased $\$ 59$ million, or 42 percent, driven by lower noninterest income and increased provision for credit losses partially offset by higher net interest income. Noninterest income decreased $\$ 64$ million, or 17 percent, driven by lower investment and brokerage services income due to the impact of lower equity markets as well as a $\$ 29$ million loss on the commitment to buy back ARS previously discussed. Provision for

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credit losses increased $\$ 49$ million to $\$ 15$ million compared to the same period in 2007, primarily due to the absence of a prior year reserve reduction. These decreases were partially offset by higher net interest income of $\$ 25$ million, or 9 percent, due to organic growth in average deposits and average loans and leases as well as the LaSalle acquisition. This growth was partially offset by spread compression, driven by deposit mix and competitive deposit pricing.

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## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 6$ million, or two percent, due to increases of $\$ 350$ million in noninterest expense and $\$ 50$ million in provision for credit losses. Partially offsetting these items were increases of $\$ 232$ million in noninterest income and $\$ 158$ million in net interest income. These period-over-period changes were driven by the U.S. Trust Corporation and LaSalle acquisitions, as well as the factors discussed in the three-month discussion above.

## Columbia Management

Columbia is an asset management business serving the needs of both institutional clients and individual customers. Columbia provides asset management products and services, including mutual funds and separate accounts. Columbia mutual fund offerings provide a broad array of investment strategies and products including equity, fixed income (taxable and nontaxable) and money market (taxable and nontaxable) funds. Columbia distributes its products and services to institutional clients and individuals directly and through U.S. Trust, PB\&I, GCIB, and nonproprietary channels including other brokerage firms.

In December 2007, we completed the sale of Marsico. Prior year Marsico business results have been transferred to All Other to better facilitate year-over-year comparisons.

Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007
Net income decreased $\$ 423$ million to a loss of $\$ 354$ million primarily due to $\$ 630$ million in support provided to certain cash funds as discussed below.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income declined $\$ 592$ million to a loss of $\$ 395$ million due to $\$ 886$ million in support provided to certain cash funds combined with an increase in noninterest expense of $\$ 185$ million. These items were partially offset by an increase of $\$ 161$ million in investment and brokerage services income. The increase in investment and brokerage services income was driven by the U.S. Trust Corporation acquisition, partially offset by the impact of lower equity markets. The increase in noninterest expense was driven by the U.S. Trust Corporation acquisition and higher revenue-related expenses.

## Cash Funds Support

Beginning in the second half of 2007, we provided support to certain cash funds managed within Columbia. The funds for which we provided support typically invest in high quality, short-term securities with a portfolio weighted average maturity of 90 days or less, including securities issued by SIVs and senior debt holdings of financial service companies. Due to market disruptions, certain investments in SIVs and the senior debt securities were downgraded by the rating agencies and experienced a decline in fair value. We entered into capital commitments which required the Corporation to provide cash to these funds in the event the net asset value per unit of a fund declined below certain thresholds. The capital commitments expire no later than the third quarter of 2010. At September 30, 2008 and December 31, 2007 we had gross (i.e., funded and unfunded) capital commitments to the funds of $\$ 1.1$ billion and $\$ 565$ million. For the three and nine months ended September 30, 2008, we incurred losses of $\$ 358$ million and $\$ 521$ million related to these capital commitments. At September 30, 2008 and December 31, 2007, the remaining loss exposure on capital commitments was $\$ 160$ million and $\$ 183$ million.

Additionally, during the three and nine months ended September 30, 2008 we purchased $\$ 525$ million and $\$ 1.5$ billion of certain investments from the funds and recorded losses of $\$ 272$ million and $\$ 365$ million. At September 30, 2008 and December 31, 2007, we held $\$ 893$ million and $\$ 163$ million of these AFS debt securities of which $\$ 401$ million and $\$ 159$ million were classified as nonperforming AFS securities. At September 30, 2008, $\$ 65$ million of unrealized losses on these investments were recorded in accumulated OCI. No such losses were recorded in accumulated OCI at December 31, 2007.

We may from time to time, but are under no obligation to, provide additional support to funds managed within Columbia. During the fourth quarter of 2008, we have provided an additional $\$ 210$ million in support to these funds which may result in further losses. Future support, if any, may take the form of additional capital commitments to the funds or the purchase of assets from the funds.

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We do not consolidate the cash funds managed within Columbia because the subordinated support provided by the Corporation will not absorb a majority of the variability created by the assets of the funds. The cash funds had total AUM of $\$ 174.9$ billion and $\$ 189.5$ billion at September 30, 2008 and December 31, 2007.

## Premier Banking and Investments

$P B \& I$ includes Banc of America Investments, our full-service retail brokerage business and our Premier Banking channel. PB\&I brings personalized banking and investment expertise through priority service with client-dedicated teams. $P B \& I$ provides a high-touch client experience through a network of approximately 5,500 client facing associates to our affluent customers with a personal wealth profile of at least $\$ 100,000$ of investable assets.
$P B \& I$ includes the impact of migrating qualifying affluent customers, including their related deposit balances, from $G C S B B$ to our $P B \& I$ model. After migration, the associated net interest income, service charges and noninterest expense are recorded in $P B \& I$. The change reported in the financial results of $P B \& I$ includes both the impact of migration, as well as the impact of incremental organic growth from providing a broader array of financial products and services to $P B \& I$ customers. For the three and nine months ended September 30, 2008 a total of $\$ 3.3$ billion and $\$ 15.9$ billion of deposits, including $\$ 2.3$ billion during the first quarter of 2008 related to the initial migration of legacy LaSalle accounts, were migrated from GCSBB to PB\&I. For the three and nine months ended September 30, 2007 a total of $\$ 2.6$ billion and $\$ 9.0$ billion of deposits were migrated from $G C S B B$ to $P B \& I$.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income decreased $\$ 236$ million, driven by lower net interest income, an increase in provision for credit losses and $\$ 94$ million in losses on the commitment to buy back ARS. Net interest income declined $\$ 145$ million, or 21 percent, as spread compression, driven by deposit mix and competitive deposit pricing, more than offset higher average deposit balances. Provision for credit losses increased $\$ 130$ million primarily driven by higher credit costs in the home equity portfolio reflective of deterioration in the housing markets and the impacts of a slowing economy.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income decreased $\$ 592$ million primarily due to an increase of $\$ 482$ million in provision for credit losses, a decrease of $\$ 404$ million in net interest income, and losses on commitments to buy back ARS. These period-over-period changes were driven by the same factors as discussed in the three-month discussion above.

## ALM/Other

ALM/Other primarily includes the results of ALM activities.
Net income increased $\$ 227$ million and $\$ 435$ million for the three and nine months ended September 30, 2008, compared to the same periods in the prior year. These increases were driven by higher net interest income of $\$ 369$ million and $\$ 760$ million primarily due to the increased contribution from ALM activities. In addition, noninterest expense increased $\$ 52$ million for the nine months ended September 30, 2008, primarily driven by higher expenses related to the mass affluent and retirement initiatives.

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## All Other

| (Dollars in millions) | For the Three Months Ended September 30, 2008 |  |  |  |  |  | For the Three Months Ended September 30, 2007 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reported <br> Basis (1) |  | Securitization Offset ${ }^{(2)}$ |  | As <br> Adjusted |  | Reported Basis (1) |  | Securitization <br> Offset (2) |  | As Adjusted |  |
| Net interest income ${ }^{(3)}$ | \$ | $(2,391)$ | \$ | 2,207 | \$ | (184) | \$ | $(1,980)$ | \$ | 2,085 | \$ | 105 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income |  | 537 |  | (507) |  | 30 |  | 739 |  | (896) |  | (157) |
| Equity investment income |  | (326) |  | - |  | (326) |  | 852 |  | - |  | 852 |
| Gains (losses) on sales of debt securities |  | (2) |  | - |  | (2) |  | 7 |  | - |  | 7 |
| All other income (loss) |  | 68 |  | 54 |  | 122 |  | (218) |  | 70 |  | (148) |
| Total noninterest income |  | 277 |  | (453) |  | (176) |  | 1,380 |  | (826) |  | 554 |
| Total revenue, net of interest expense |  | $(2,114)$ |  | 1,754 |  | (360) |  | (600) |  | 1,259 |  | 659 |
| Provision for credit losses |  | $(1,134)$ |  | 1,754 |  | 620 |  | $(1,290)$ |  | 1,259 |  | (31) |
| Merger and restructuring charges (4) |  | 247 |  | - |  | 247 |  | 84 |  | - |  | 84 |
| All other noninterest expense |  | (53) |  | - |  | (53) |  | (410) |  | - |  | (410) |
| Income (loss) before income taxes |  | $(1,174)$ |  | - |  | $(1,174)$ |  | 1,016 |  | - |  | 1,016 |
| Income tax expense (benefit) ${ }^{(3)}$ |  | (517) |  | - |  | (517) |  | 279 |  | - |  | 279 |
| Net income (loss) | \$ | (657) | \$ | - | \$ | (657) | \$ | 737 | \$ | - | \$ | 737 |


| (Dollars in millions) | For the Nine Months Ended September$\text { 30, } 2008$ |  |  |  |  |  | For the Nine Months Ended September$30,2007$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | As |  |  |  |  |  | As |
|  | Reported <br> Basis ${ }^{(1)}$ |  | Securitization Offset ${ }^{(2)}$ |  | Adjusted |  | Reported <br> Basis ${ }^{(1)}$ |  | Securitization Offset ${ }^{(2)}$ |  | Adjusted |  |
| Net interest income ${ }^{(3)}$ | \$ | $(6,408)$ | \$ | 6,402 | \$ | (6) | \$ | $(5,584)$ | \$ | 5,956 | \$ | 372 |
| Noninterest income: |  |  |  |  |  |  |  |  |  |  |  |  |
| Card income |  | 1,796 |  | $(1,768)$ |  | 28 |  | 2,137 |  | $(2,528)$ |  | (391) |
| Equity investment income |  | 652 |  | - |  | 652 |  | 3,467 |  | - |  | 3,467 |
| Gains on sales of debt securities |  | 349 |  | - |  | 349 |  | 70 |  | - |  | 70 |
| All other income (loss) |  | (289) |  | 180 |  | (109) |  | (325) |  | 221 |  | (104) |
| Total noninterest income |  | 2,508 |  | $(1,588)$ |  | 920 |  | 5,349 |  | $(2,307)$ |  | 3,042 |
| Total revenue, net of interest expense |  | $(3,900)$ |  | 4,814 |  | 914 |  | (235) |  | 3,649 |  | 3,414 |
| Provision for credit losses |  | $(3,542)$ |  | 4,814 |  | 1,272 |  | $(3,915)$ |  | 3,649 |  | (266) |
| Merger and restructuring charges ${ }^{(4)}$ |  | 629 |  | - |  | 629 |  | 270 |  | - |  | 270 |
| All other noninterest expense |  | 145 |  | - |  | 145 |  | 123 |  | - |  | 123 |
| Income (loss) before income taxes |  | $(1,132)$ |  | - |  | $(1,132)$ |  | 3,287 |  | - |  | 3,287 |
| Income tax expense (benefit) ${ }^{(3)}$ |  | (492) |  | - |  | (492) |  | 959 |  | - |  | 959 |
| Net income (loss) | \$ | (640) | \$ | - | \$ | (640) | \$ | 2,328 | \$ | - | \$ | 2,328 |

${ }^{(1)}$ Provision for credit losses represents provision for credit losses in All Other combined with the GCSBB securitization offset.
(2) The securitization offset on net interest income is on a funds transfer pricing methodology consistent with the way funding costs are allocated to the businesses.
(3) FTE basis

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${ }^{(4)}$ For more information on merger and restructuring charges, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements.

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GCSBB is reported on a managed basis which includes a securitization impact adjustment which has the effect of assuming that loans that have been securitized were not sold and presenting these loans in a manner similar to the way loans that have not been sold are presented. All Other $s$ results include a corresponding securitization offset which removes the impact of these securitized loans in order to present the consolidated results on a GAAP basis (i.e., held basis). See the GCSBB section beginning on page 79 for information on the GCSBB managed results. The following All Other discussion focuses on the results on an as adjusted basis excluding the securitization offset. For additional information, see Note 18 Business Segment Information to the Consolidated Financial Statements.

In addition to the securitization offset discussed above, All Other includes our Equity Investments businesses and Other.
Equity Investments includes Principal Investing, Corporate Investments and Strategic Investments. Principal Investing is comprised of a diversified portfolio of investments in privately-held and publicly-traded companies at all stages of their life cycle from start-up to buyout. These investments are made either directly in a company or held through a fund and are accounted for at fair value. In addition, Principal Investing has unfunded equity commitments related to some of these investments. For more information on these commitments see Note 12 Commitments and Contingencies to the Consolidated Financial Statements.

Corporate Investments primarily includes investments in publicly-traded equity securities and funds which are accounted for as AFS marketable equity securities. Strategic Investments includes investments of $\$ 14.5$ billion in CCB, $\$ 3.7$ billion in Banco Itaú, $\$ 2.9$ billion in Grupo Financiero Santander, S.A. (Santander) and other investments. On July 21, 2008, under the terms of our purchase option we increased our ownership in CCB to approximately 11 percent by purchasing approximately $\$ 1.9$ billion of the common shares. These recently purchased shares are accounted for at cost in other assets and are non-transferable until August 2011. The initial investment in the 19.1 billion common shares are accounted for at fair value and recorded as AFS marketable equity securities in other assets with an offset, net-of-tax, to accumulated OCI. These shares became transferable in October 2008. We also hold an option to increase our ownership interest in CCB to 19.1 percent. Additional shares received upon exercise of this option are restricted through August 2011. The strike price of the option is based on the greater of 1.2 times the book value per share for the most recent calendar year-end or the IPO price that steps up on an annual basis and is currently at 107 percent of the IPO price. The strike price of the option when based upon the IPO price is capped at 118 percent. The restricted shares of Banco Itaú are carried at fair value with an offset, net-of-tax, to accumulated OCI and are accounted for as AFS marketable equity securities. Prior to the second quarter of 2008, these shares were accounted for at cost. Our investment in Santander is accounted for under the equity method of accounting. Income associated with Equity Investments is recorded in equity investment income.

The following table presents the components of All Other s equity investment income and a reconciliation to the total consolidated equity investment income for the three and nine months ended September 30, 2008 and 2007.

## Components of Equity Investment Income

|  | Three Months Ended September 30 |  |  | Nine Months Ended September 30 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2008 |  | 007 | 2008 |  | 2007 |
| Principal Investing | \$ (29) | \$ | 275 | \$ 279 | \$ | 2,100 |
| Corporate Investments | (369) |  | 112 | (225) |  | 452 |
| Strategic and other investments | 72 |  | 465 | 598 |  | 915 |
| Total equity investment income (loss) included in All Other | (326) |  | 852 | 652 |  | 3,467 |
| Total equity investment income included in the business segments | 10 |  | 52 | 678 |  | 280 |
| Total consolidated equity investment income (loss) | \$ (316) | \$ | 904 | \$ 1,330 |  | 3,747 |

Other includes the residual impact of the allowance for credit losses and 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. Other also includes certain amounts associated with ALM activities, including the residual impact of funds transfer pricing allocation methodologies, amounts associated with the change in the value of derivatives used as economic hedges of interest rate and foreign exchange rate fluctuations that do not qualify for SFAS 133 hedge accounting treatment, foreign exchange rate fluctuations related to SFAS 52 revaluation of foreign denominated debt issuances, certain gains (losses) on sales of whole mortgage loans, and gains (losses) on sales of debt securities. Other also includes adjustments to noninterest income and income tax expense to remove the FTE impact of items (primarily low-

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income housing tax credits) that have been grossed up within noninterest income to a FTE amount in the business segments.

## Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Net income (loss) decreased $\$ 1.4$ billion to $\$(657)$ million due to a decrease in total revenue combined with higher provision for credit losses, increased noninterest expense and merger and restructuring charges.

Net interest income decreased $\$ 289$ million to $\$(184)$ million due to the reclassification to card income related to our funds transfer pricing allocations for Card Services securitizations. This difference is recorded in All Other and the reclassification is performed to present our consolidated results on a held basis.

Noninterest income declined $\$ 730$ million to $\$(176)$ million driven by a decrease in equity investment income of $\$ 1.2$ billion due to $\$ 375$ million of other-than-temporary impairment losses on AFS marketable equity securities which included writedowns on Fannie Mae and Freddie Mac preferred securities and a number of other equity securities, and losses from our Principal Investing portfolio attributable to the lack of liquidity in the marketplace when compared to the same periods in the prior year. In addition, during the three months ended September 30, 2007, we recorded a $\$ 353$ million dividend from CCB which included a special dividend of $\$ 184$ million due to CCB s share listing. This decrease was partially offset by the increase in card income of $\$ 187$ million driven by the funds transfer pricing allocations discussed in net interest income above. Also, this decrease was partially offset by the increase in all other income of $\$ 270$ million driven by the results of economic hedging activities.

Provision for credit losses increased $\$ 651$ million to $\$ 620$ million primarily due to higher credit costs related to our ALM residential mortgage portfolio reflective of deterioration in the housing markets and the impacts of a slowing economy.

Merger and restructuring charges increased $\$ 163$ million to $\$ 247$ million due to the integration costs associated with the Countrywide and LaSalle acquisitions. For additional information on merger and restructuring charges, see Note 2 Merger and Restructuring Activity to the Consolidated Financial Statements.

All other noninterest expense increased $\$ 357$ million to $\$(53)$ million due to increases in unallocated residual general operating expenses.

## Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Net income (loss) decreased $\$ 3.0$ billion to $\$(640)$ million primarily due to a decrease of $\$ 378$ million in net interest income and $\$ 2.1$ billion in noninterest income combined with a higher provision for credit losses of $\$ 1.5$ billion and increased merger and restructuring charges of $\$ 359$ million. These changes were due to the same factors as described in the three-month discussion above. In addition, net income (loss) reflects a decrease in income tax expense (benefit) of $\$ 1.5$ billion driven by lower pre-tax income. All Other $s$ results were adversely impacted by the absence of earnings due to the sale of our Latin American operations in the first quarter of 2007.

As discussed in the 2008 Economic Environment on page 60, market and economic conditions have adversely impacted financial markets. These conditions will continue to impact markets in which we do business and will adversely impact our revenues and expenses including certain personnel costs such as pension costs in 2009.

## Off- and On-Balance Sheet Arrangements

In the ordinary course of business, we support our customers financing needs by facilitating their access to the commercial paper market. In addition, we utilize certain financing arrangements to meet our balance sheet management, funding and liquidity needs. For additional information on our liquidity risk, see Liquidity Risk and Capital Management beginning on page 116. These activities utilize SPEs, typically in the form of corporations, limited liability companies, or trusts, which raise funds by issuing short-term commercial paper or similar instruments to third party investors. These SPEs typically hold various types of financial assets whose cash flows are the primary source of repayment for the liabilities of the SPEs. Investors have recourse to the assets in the SPE and often benefit from other credit enhancements, such as overcollateralization in the form of excess assets in the SPE, liquidity facilities, and other arrangements. As a result, the SPEs can typically obtain a favorable credit rating from the rating agencies, resulting in lower financing costs for our customers.

We have liquidity agreements, SBLCs or other arrangements with the SPEs, as described below, under which we are obligated to provide funding in the event of a market disruption or other specified event or otherwise provide credit support

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to the entities (hereinafter referred to as liquidity exposure). We manage our credit risk and any market risk on these arrangements by subjecting them to our normal underwriting and risk management processes. Our credit ratings and changes thereto will affect the borrowing cost and liquidity of these SPEs. In addition, significant changes in counterparty asset valuation and credit standing may also affect the ability of the SPEs to issue commercial paper. The contractual or notional amount of these commitments as presented in Table 10 represents our maximum possible funding obligation and is not, in management $s$ view, representative of expected losses or funding requirements.

The following table presents our liquidity exposure to these consolidated and unconsolidated SPEs, which include VIEs and QSPEs. VIEs are SPEs which lack sufficient equity at risk or whose equity investors do not have a controlling financial interest. QSPEs are SPEs whose activities are strictly limited to holding and servicing financial assets. Some, but not all, of the liquidity commitments to VIEs are considered to be significant variable interests and are disclosed in Note 9 Variable Interest Entities to the Consolidated Financial Statements. Those liquidity commitments that are not significant variable interests are not required to be included in Note 9 Variable Interest Entities to the Consolidated Financial Statements.

## Table 10

Special Purpose Entities Liquidity Exposure ${ }^{(1)}$

| (Dollars in millions) | September 30, 2008 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | VIEs |  |  |  |  | PEs | Total |  |
|  | Consolidated ${ }^{(2)}$ |  | Unconsolidated |  | Unconsolidated |  |  |  |
| Corporation-sponsored multi-seller conduits | \$ | 13,110 | \$ | 42,440 | \$ | - | \$ | 55,550 |
| Municipal bond trusts and corporate SPEs |  | 4,148 |  | 4,714 |  | 4,735 |  | 13,597 |
| Home equity securitizations ${ }^{(3)}$ |  | - |  | - |  | 13,315 |  | 13,315 |
| Asset acquisition conduits |  | 1,130 |  | 5,619 |  | - |  | 6,749 |
| Customer-sponsored conduits |  | - |  | 1,142 |  |  |  | 1,142 |
| Collateralized debt obligation vehicles ${ }^{(4)}$ |  | - |  | 1,051 |  | - |  | 1,051 |
| Total liquidity exposure | \$ | 18,388 | \$ | 54,966 | \$ | 18,050 | \$ | 91,404 |
|  |  |  |  | Decemb |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| (Dollars in millions) |  | dated (2) |  | olidated |  | olidated |  | Total |
| Corporation-sponsored multi-seller conduits | \$ | 16,984 | \$ | 47,335 | \$ |  | \$ | 64,319 |
| Municipal bond trusts and corporate SPEs |  | 7,359 |  | 3,120 |  | 7,251 |  | 17,730 |
| Asset acquisition conduits |  | 1,623 |  | 6,399 |  |  |  | 8,022 |
| Customer-sponsored conduits |  | - |  | 1,724 |  | - |  | 1,724 |
| Collateralized debt obligation vehicles ${ }^{(4)}$ |  | 3,240 |  | 9,026 |  | - |  | 12,266 |
| Total liquidity exposure | \$ | 29,206 | \$ | 67,604 | \$ | 7,251 |  | 104,061 |

(1) Note 9 Variable Interest Entities to the Consolidated Financial Statements is related to this table but only reflects those entities in which we hold a significant variable interest.
(2) We consolidate VIEs when we are the primary beneficiary that will absorb the majority of the expected losses or expected residual returns of the VIEs or both.
(3) Home equity securitizations were added in connection with the Countrywide acquisition.
(4) For additional information on our CDO exposures at September 30, 2008 and December 31, 2007 and related writedowns, see the CDO discussion beginning on page 94.
At September 30, 2008, the Corporation s total liquidity exposure to SPEs was $\$ 91.4$ billion, a decrease of $\$ 12.7$ billion from December 31 , 2007 due to lower liquidity exposure in all categories partially offset by the addition of Countrywide s home equity securitizations. Of this amount, $\$ 11.2$ billion was attributable to a decline in CDO liquidity exposure.

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## Corporation-Sponsored Multi-Seller Conduits

We administer four multi-seller conduits, three of which are unconsolidated, which provide a low-cost funding alternative to our customers by facilitating their access to the commercial paper market. We receive fees for providing combinations of liquidity and SBLCs or similar loss protection commitments to the conduits. These commitments represent significant variable interests in the SPEs, which are discussed in more detail in Note 9 Variable Interest Entities to the Consolidated Financial Statements.

At September 30, 2008, our liquidity commitments to the conduits were collateralized by various classes of assets which incorporate features such as overcollateralization and cash reserves which are designed to provide credit support at a level equivalent to investment grade as determined in accordance with internal risk rating guidelines.

Our liquidity, SBLCs and similar loss protection commitments obligate us to purchase assets from the conduits at the conduits cost. Subsequent realized losses on assets purchased from the unconsolidated conduits would be reimbursed from restricted cash accounts that were funded by the issuance of capital notes and equity interests to third party investors. We would absorb losses in excess of such amounts. If a conduit is unable to re-issue commercial paper due to illiquidity in the commercial paper markets or deterioration in the asset portfolio, we are obligated to provide funding subject to the following limitations. Our obligations to purchase assets under the SBLCs and similar loss protection commitments are subject to a maximum commitment amount which is typically set at eight to 10 percent of total outstanding commercial paper. Our obligation to purchase assets under the liquidity agreements, which comprise the remainder of our exposure, is generally limited to the amount of non-defaulted assets. We are not obligated to fund under the liquidity, SBLCs or similar loss protection commitments if the conduit is the subject of a voluntary or involuntary bankruptcy proceeding.

One of the unconsolidated conduits holds CDO investments with an aggregate outstanding par value of $\$ 361$ million. The underlying collateral includes middle market loans held in an insured CDO ( 62 percent) and subprime residential mortgages ( 14 percent). During the first nine months of 2008, these investments were downgraded or threatened with a downgrade by the rating agencies. In accordance with the terms of our existing liquidity obligations, these investments were funded by the Corporation through a secured borrowing transaction with the conduit and therefore they no longer serve as collateral for commercial paper issuances. We will be reimbursed for any realized losses on these investments up to the amount of capital notes issued by the conduit. There were no other significant downgrades of assets and there were no writedowns of assets held by any of the conduits during this period.

On a combined basis, the unconsolidated conduits have issued approximately $\$ 97$ million of capital notes and equity interests to third parties, $\$ 92$ million of which were outstanding at September 30, 2008. This represents the maximum amount of loss that would be absorbed by the third party investors. Based on an analysis of projected cash flows, we will not absorb a majority of the variability created by the assets of the unconsolidated conduits.

The liquidity commitments and SBLCs provided to unconsolidated conduits are included in Note 12 Commitments and Contingencies to the Consolidated Financial Statements. We have no other contractual obligations to the unconsolidated conduits, nor do we intend to provide noncontractual or other forms of support.

Despite the market disruptions in the second half of 2007 and through the first six months of 2008, the conduits did not experience any material difficulties in issuing commercial paper and the Corporation did not purchase any commercial paper issued by the conduits other than incidentally and in its role as a commercial paper dealer. However as a result of the severe market disruptions in September, the conduits began to experience difficulties in issuing commercial paper near the end of the third quarter of 2008. At September 30, 2008, we held $\$ 458$ million of commercial paper issued by the conduits, including $\$ 429$ million issued by the unconsolidated conduits and $\$ 29$ million issued by the consolidated conduit. In addition, we held $\$ 967$ million of commercial paper issued by these conduits that had been purchased from third party money market funds under the AMLF. The AMLF was established by the Federal Reserve Board in September 2008 and is designed to provide liquidity to money market mutual funds by providing non-recourse loans to U.S. financial institutions for the purchase of high-quality asset-backed commercial paper from the funds. We do not bear any credit risk associated with commercial paper purchased under the AMLF. We did not hold any commercial paper issued by the conduits at December 31, 2007. Subsequent to quarter end, our holdings of commercial paper have significantly declined. Excluding commercial paper that was funded through the AMLF, we held only $\$ 5$ million of commercial paper issued by these conduits at October 31, 2008.

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## Municipal Bond Trusts and Corporate SPEs

We have provided a total of $\$ 13.6$ billion and $\$ 17.7$ billion in liquidity support to municipal bond trusts and corporate SPEs at September 30, 2008 and December 31, 2007. We administer municipal bond trusts that hold highly-rated, long-term, fixed-rate municipal bonds, some of which are callable prior to maturity, for which we provided liquidity support of $\$ 11.9$ billion and $\$ 13.4$ billion at September 30, 2008 and December 31, 2007. In addition, we administer several conduits to which we provided $\$ 1.7$ billion and $\$ 4.3$ billion of liquidity support at September 30, 2008 and December 31, 2007.

As it relates to the municipal bond trusts the weighted average remaining life of the bonds at September 30, 2008 was 18.5 years. Substantially all of the bonds are rated AAA or AA and some of the bonds benefit from insurance provided by monolines. There were no material writedowns or downgrades of assets or issuers during the three and nine months ended September 30, 2008. The trusts obtain financing by issuing floating-rate trust certificates that reprice on a weekly basis to third party investors. The floating-rate investors have the right to tender the certificates at any time upon seven days notice. We serve as remarketing agent and liquidity provider for the trusts. Should we be unable to remarket the tendered certificates, we are generally obligated to purchase them at par. We are not obligated to purchase the certificate if a bond s credit rating declines below investment grade or in the event of certain defaults or bankruptcy of the issuer and insurer. Some of these trusts are QSPEs. We consolidate those trusts that are not QSPEs if we hold the residual interest or otherwise expect to absorb a majority of the variability of the trusts. Included in liquidity support are $\$ 7.8$ billion (of which $\$ 4.7$ billion pertains to VIEs and $\$ 3.1$ billion pertains to QSPEs) and $\$ 6.1$ billion (of which $\$ 3.1$ billion pertains to VIEs and $\$ 3.0$ billion pertains to QSPEs) of liquidity commitments to unconsolidated trusts at September 30, 2008 and December 31, 2007. Liquidity commitments to these trusts are included in Note 12 Commitments and Contingencies to the Consolidated Financial Statements. At September 30, 2008 and December 31, 2007, we held $\$ 1.1$ billion and $\$ 125$ million of floating rate certificates issued by unconsolidated municipal bond trusts. This increase is attributable to illiquidity in the marketplace that occurred during the end of the third quarter of 2008.

Assets of the other unconsolidated corporate conduits consisted primarily of high-grade, long-term municipal, corporate, and mortgage-backed securities which had a weighted average remaining life of approximately 4.9 years at September 30, 2008. Substantially all of the securities are rated AAA or AA and some of the bonds benefit from insurance provided by monolines. These conduits, which are QSPEs, obtain funding by issuing commercial paper to third party investors. At September 30, 2008, the weighted average maturity of the commercial paper was 21 days. We have entered into derivative contracts which provide interest rate, currency and a pre-specified amount of credit protection to the entities in exchange for the commercial paper rate. In addition, we may be obligated to purchase assets from the vehicles if the assets or insurers are downgraded. If an asset $s$ rating declines below a certain investment quality as evidenced by its credit rating or defaults, we are no longer exposed to the risk of loss. During the first nine months of 2008 , three monoline insurers were downgraded by the rating agencies which resulted in the mandatory sale of $\$ 1.4$ billion of assets out of the conduits. We purchased a majority of these assets, and they are recorded within trading account assets at September 30, 2008, at fair value. Due to the market disruptions beginning in the second half of 2007 and through the first nine months of 2008, these conduits experienced difficulties in issuing commercial paper. At September 30, 2008, we held $\$ 25$ million and at December 31, 2007 we did not hold any of the commercial paper. In the event that we are unable to remarket the conduits commercial paper such that they no longer qualify as QSPEs, we would consolidate the conduits which may have an adverse impact on the fair value of the related derivative contracts.

We have no other contractual obligations to the unconsolidated bond trusts and conduits described above, nor do we intend to provide noncontractual or other forms of support.

Derivative activity related to these entities is included in Note 4 Derivatives to the Consolidated Financial Statements. For more information on QSPEs, see Note 9 Variable Interest Entities to the Consolidated Financial Statements. For additional information on our monoline exposure, see Industry Concentrations beginning on page 146.

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## Home Equity Securitizations

Effective July 1, 2008, we became the sponsor of certain home equity securitizations in connection with the Countrywide acquisition. We evaluate all of our home equity securitizations for their potential to experience a rapid amortization event by estimating the amount and timing of future losses on the underlying loans and the excess spread available to cover such losses and by evaluating any estimated shortfalls in relation to contractually defined triggers. As of September 30, 2008, 62 percent of the unpaid principal balance of our home equity securitizations, were subject to rapid amortization events. In addition, 18 percent of the unpaid principal balance of our home equity securitizations were probable of becoming subject to rapid amortization events.

The available credit lines for the securitizations subject to or probable to be subject to a rapid amortization event are approximately $\$ 1.2$ billion at September 30, 2008. Substantially all of the remaining borrower draw periods for such securitizations ranged from 12 months to 44 months with a weighted average remaining borrower draw period of 31 months. Due to the borrower s ability to pay down and redraw balances in home equity loans, a maximum funding obligation due to rapid amortization cannot be precisely calculated. The amount in the table above equals the principal balance of the outstanding trust certificates that are subject to rapid amortization or $\$ 13.3$ billion at September 30, 2008. This amount is significantly higher than the amount we expect to fund, which reflects the borrowers ability to draw on and repay lines until the securitization bonds and obligations to the monoline insurers are repaid. The charges we will ultimately record as a result of the rapid amortization events are dependent on the performance of the loans in the securitizations that are in rapid amortization; the amount of subsequent draws made by borrowers on such loans; and the timing of such losses, borrower draws, principal repayments and other cash flows related to the securitizations.

As the result of the credit performance of all the home equity loans we service, we are taking actions that are provided for in the borrowers line of credit agreements, including suspending borrowers access to existing lines of credit when their loans or related senior liens reach a specified delinquency status or when their property values decline below a specified threshold; and not extending the draw period under existing lines of credit. Where appropriate, we are also modifying and repurchasing certain loans and soliciting certain borrowers to refinance their loans. These actions are in compliance with the related trust agreements and have mitigated the amount of additional draws we are required to fund as the result of rapid amortization. At September 30, 2008, the reserve for losses on expected future draw obligations on the home equity securitizations in or expected to be in rapid amortization was $\$ 422$ million. For additional information on home equity securitizations see Note 8 Securitizations to the Consolidated Financial Statements.

## Asset Acquisition Conduits

We administer two unconsolidated conduits which acquire assets on behalf of our customers. The return on the assets held in the conduits, which consist principally of liquid exchange-traded securities and some leveraged loans, is passed through to our customers through a series of derivative contracts. We consolidate a third conduit which holds subordinated debt securities for our benefit. These conduits obtain funding through the issuance of commercial paper and subordinated certificates to third party investors. Repayment of the commercial paper and certificates is assured by total return swap contracts between the Corporation and the conduits, and we are reimbursed through total return swap contracts with our customers.

Assets are placed into the unconsolidated asset acquisition conduits at the request of a customer who wishes to benefit from the economic returns of the specified asset on a leveraged basis. At the time the conduit acquires an asset, we enter 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. Our performance under the derivatives is collateralized by the underlying assets. Derivative activity related to these entities is included in Note 4 Derivatives to the Consolidated Financial Statements.

Due to the market disruptions in the second half of 2007 and the first nine months of 2008, the conduits experienced difficulties in issuing commercial paper. The Corporation held $\$ 169$ million and $\$ 27$ million of commercial paper and certificates issued by the conduits at September 30, 2008 and December 31, 2007. The weighted average maturity of commercial paper issued by the conduits at September 30, 2008 was 26 days.

We have no other contractual obligations to the conduits described above, nor do we intend to provide noncontractual or other forms of support.

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## Customer-Sponsored Conduits

We provide liquidity facilities to conduits that are sponsored by our customers and which provide them with direct access to the commercial paper market. We are typically one of several liquidity providers for a customer s conduit. We do not provide SBLCs or other forms of credit enhancement to these conduits. Assets of these conduits consist primarily of auto loans, student loans and credit card receivables. The liquidity commitments benefit from structural protections which vary depending upon the program, but given these protections, the exposures are viewed to be of investment grade quality.

These commitments are included in Note 12 Commitments and Contingencies to the Consolidated Financial Statements. As we typically provide less than 20 percent of the total liquidity commitments to these conduits and do not provide other forms of support, we have concluded that we do not hold a significant variable interest in the conduits and they are not included in our discussion of VIEs in Note 9 Variable Interest Entities to the Consolidated Financial Statements.

## Collateralized Debt Obligation Vehicles

We provided liquidity support in the form of written put options to several CDOs totaling $\$ 1.1$ billion and $\$ 10.0$ billion at September 30, 2008 and December 31, 2007. In addition, we provided other liquidity support to a CDO conduit of $\$ 2.3$ billion at December 31, 2007.

The decrease of $\$ 8.9$ billion in the notional amount of written put options was due primarily to the elimination of liquidity commitments to certain CDOs. This amount includes $\$ 6.0$ billion of put options related to three CDOs that were consolidated on our balance sheet due to a change in contractual arrangements such as the conversion of commercial paper into term notes, including $\$ 3.2$ billion related to a CDO that was consolidated at December 31, 2007, and for which we now hold all of the remaining outstanding commercial paper. It also includes $\$ 2.8$ billion of put options that were terminated due to liquidation of a CDO. We are obligated under the remaining written put options to provide funding to the CDOs by purchasing the commercial paper at predetermined contractual yields in the event of a severe disruption in the short-term funding market as evidenced by the inability of the CDOs to issue commercial paper at spreads below a predetermined rate. No third parties provide a significant amount of similar commitments to these CDOs. For additional information refer to the CDO exposure discussion beginning on page 94. See Note 9 Variable Interest Entities to the Consolidated Financial Statements for more information on the written put options. These written put options are recorded as derivatives and are carried at fair value with changes in fair value recorded in trading account profits (losses). Derivative activity related to these entities is included in Note 4 Derivatives to the Consolidated Financial Statements.

Prior to the third quarter of 2008, we also administered a CDO conduit that obtained funds by issuing commercial paper to third party investors. The conduit held $\$ 2.3$ billion of assets at December 31, 2007 consisting of super senior tranches of debt securities issued by other CDOs. During the first nine months of 2008, we liquidated the CDO conduit and purchased the assets due to a threatened downgrade of the CDO conduit s commercial paper. Five CDO vehicles which issued securities formerly held in the CDO conduit are consolidated on our balance sheet at September 30, 2008.

At December 31, 2007, we held commercial paper with a carrying value of $\$ 6.6$ billion on the balance sheet that was issued by the unconsolidated CDOs and the CDO conduit. During the first nine months of 2008, as discussed above, we consolidated two CDO vehicles due to a change in contractual arrangements such as a conversion of commercial paper into term notes. In addition, the CDO conduit and a CDO vehicle were liquidated. As a result, commercial paper issued by unconsolidated CDOs and held by the Corporation due to these liquidity commitments declined to $\$ 686$ million at September 30, 2008.

For more information on our super senior CDO exposure and related writedowns see our CDO exposure discussion beginning on page 94. As noted in the Super Senior Collateralized Debt Obligation Exposure Rollforward, on page 95, we had net liquidity exposure of $\$ 1.0$ billion at September 30, 2008. This amount reflects gross exposure of $\$ 1.1$ billion less cumulative writedowns of $\$ 26$ million on the CDOs that continue to be classified as liquidity exposure. At December 31, 2007, we had net liquidity exposure of $\$ 7.8$ billion. This amount reflects gross exposure of $\$ 12.3$ billion less insurance of $\$ 1.8$ billion and cumulative writedowns of $\$ 2.7$ billion.

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## Obligations and Commitments

We have contractual obligations to make future payments on debt and lease agreements. Additionally, in the normal course of business, we enter into a number of off-balance sheet commitments. These obligations and commitments are more fully discussed in Note 11 Long-term Debt and Note 12 Commitments and Contingencies to the Consolidated Financial Statements, and in Note 12 Short-term Borrowings and Long-term Debt, and Note 13 Commitments and Contingencies to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

## Fair Values of Level 3 Assets and Liabilities

We fair value certain assets and liabilities that are classified as Level 3 under the fair value hierarchy established in SFAS 157. These Level 3 assets and liabilities are valued using significant unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities. These Level 3 financial assets and liabilities include private equity investments, retained residual interests in securitizations, consumer MSRs, ABS, highly structured or long-term derivative contracts and certain CDOs, for which there is not an active market for identical assets from which to determine fair value. Neither is there sufficient, current market information about similar assets to use as observable, corroborated data for all significant inputs into a valuation model. In those 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.

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. 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. An illiquid market is one in which little or no observable activity has occurred or one that lacks willing buyers. Fair value adjustments include adjustments for counterparties credit risk as well as our own credit risk and liquidity as appropriate, to determine a fair value measurement. Judgment is then applied in formulating those inputs. Our valuation risk, however, is mitigated through the holding of valuation adjustments for particular inputs, performance of stress testing of those inputs to understand the impact that varying assumptions may have on the valuation and other review processes performed to ensure appropriate valuation.

For example, at September 30, 2008, classified within Level 3 are $\$ 2.0$ billion of trading account assets, $\$ 4.1$ billion of AFS debt securities, and $\$ 935$ million of net derivative assets associated with our CDO exposures. Substantially all of the AFS debt securities were acquired as a result of our liquidity obligations to certain CDOs. For more information regarding our CDO exposure, the types of assets underlying these exposures (e.g., percentage of subprime assets and vintages) and related valuation techniques see our CDO exposure discussion on page 94.

Another example of Level 3 assets are consumer MSRs which also require significant management judgment and estimation. The Corporation uses an option-adjusted spread (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 valuations of MSRs include weighted average lives of the MSRs and the OAS levels. For more information on Level 3 MSRs and their sensitivity to prepayment rates and OAS levels, see Note 17 Mortgage Servicing Rights to the Consolidated Financial Statements.

For additional information on our Level 1, 2 and 3 fair value measurements, including the valuation techniques utilized to determine their fair values, see Note 16 Fair Value Disclosures to the Consolidated Financial Statements on page 41 and Complex Accounting Estimates on page 168.

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The table below presents a reconciliation for all Level 3 assets and liabilities measured at fair value on a recurring basis during the three and nine months ended September 30, 2008, including realized and unrealized gains (losses) included in earnings and OCI. Level 3 assets, before the impact of counterparty netting related to our derivative positions, were $\$ 59.9$ billion as of September 30, 2008 and represented approximately 11 percent of assets measured at fair value (or three percent of total assets). Level 3 liabilities, before the impact of counterparty netting related to our derivative positions, were $\$ 9.2$ billion as of September 30, 2008 and represented approximately nine percent of the liabilities measured at fair value (or less than one percent of total liabilities). See Note 16 Fair Value Disclosures on page 45 for a table that presents the fair value of Level 1, 2 and 3 assets and liabilities at September 30, 2008.

## Table 11

## Level 3-Fair Value Measurements

| (Dollars in millions) | Net <br> Derivatives ${ }^{(1)}$ | Trading Account Assets | Three Months Ended September 30, 2008 |  |  |  |  |  |  |  | Accrued Expenses and Other Liabilities ${ }^{(2)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Available- |  |  |  |  |  | Loans |  |  |  |
|  |  |  | for-Sale <br> Debt <br> Securities |  | $\begin{aligned} & \text { Loans } \\ & \text { and } \\ & \text { Leases }^{(2)} \end{aligned}$ |  | Mortgage Servicing Rights | Held-for- |  | Other <br> Assets ${ }^{(3)}$ |  |  |
| Balance, June 30, 2008 | \$ 1,317 | \$ 5,646 | \$ | 8,324 |  | 5,014 | \$ 4,250 | \$ 2,011 |  | \$ 4,013 | \$ | (723) |
| Countrywide acquisition | (185) | 1,407 |  | 528 |  | - | 17,188 |  | 1,425 | - |  | $(1,212)$ |
| Included in earnings | 1,795 | $(1,332)$ |  | (802) |  | (179) | (179) |  | (275) | (344) |  | 22 |
| Included in other comprehensive income | - | - |  | (556) |  | - | - |  | - | - |  | - |
| Purchases, issuances, and settlements | (425) | (642) |  | 1,468 |  | 548 | (448) |  | (219) | 66 |  | 59 |
| Transfers in to (out of) Level 3 | (790) | 2,632 |  | 767 |  | - | - |  | 545 | - |  | - |
| Balance, September 30, 2008 | \$ 1,712 | \$ 7,711 | \$ | 9,729 | \$ | 5,383 | \$ 20,811 |  | 3,487 | \$ 3,735 | \$ | $(1,854)$ |
|  |  |  |  | Nine 1 | ont | ths Ended | September |  | 2008 |  |  |  |
| Balance, January 1, 2008 | \$ (1,203) | \$ 4,027 | \$ | 5,507 | \$ | 4,590 | \$ 3,053 |  | 1,334 | \$ 3,987 | \$ | (660) |
| Countrywide acquisition | (185) | 1,407 |  | 528 |  | - | 17,188 |  | 1,425 | - |  | $(1,212)$ |
| Included in earnings | 1,484 | $(2,103)$ |  | $(1,601)$ |  | (249) | 409 |  | (380) | 305 |  | (41) |
| Included in other comprehensive income | - | - |  | $(1,060)$ |  | - | - |  | - | - |  | - |
| Purchases, issuances, and settlements | 2,048 | $(1,437)$ |  | 457 |  | 1,042 | 161 |  | (604) | (414) |  | 59 |
| Transfers in to (out of) Level 3 | (432) | 5,817 |  | 5,898 |  | - | - |  | 1,712 | (143) |  | - |
| Balance, September 30, 2008 | \$ 1,712 | \$ 7,711 | \$ | 9,729 | \$ | 5,383 | \$ 20,811 |  | 3,487 | \$ 3,735 | \$ | $(1,854)$ |

(1) Net derivatives at September 30, 2008 included derivative assets of $\$ 9.1$ billion and derivative liabilities of $\$ 7.4$ billion. Net derivatives acquired in connection with Countrywide included derivative assets of $\$ 107$ million and derivative liabilities of $\$ 292$ million.
(2) Amounts represent items which are accounted for at fair value in accordance with SFAS 159 including commercial loan commitments and certain secured financings recorded in accrued expenses and other liabilities.
(3) Other assets include equity investments held by Principal Investing and certain retained interests in securitization vehicles, including interest-only strips. During the three and nine months ended September 30, 2008, valuations of certain CDO securities and related written put options continued to decline in response to market concerns. Additionally, liquidity issues in the ARS sector have impacted the value of such securities. It is possible that the economic value of these securities could be different as the cash flows from the underlying assets may ultimately be higher or lower than the assumptions used in current valuation models. With the exception of the changes discussed below, there have been no significant changes to the valuation methodologies used to value Level 3 assets and liabilities during the period.

The Countrywide acquisition added MSRs of $\$ 17.2$ billion, trading account assets of $\$ 1.4$ billion, loans-held-for-sale of $\$ 1.4$ billion, accrued expenses and other liabilities of $\$ 1.2$ billion related to certain secured financings and AFS debt securities of $\$ 528$ million to our Level 3 assets.

During the three and nine months ended September 30, 2008, we recognized losses of $\$ 1.3$ billion and $\$ 2.2$ billion on Level 3 assets and liabilities which were primarily related to losses on trading account assets and AFS debt securities partially offset by gains on net derivatives. The losses in our trading account assets were due to widening credit spreads on our trading account positions and losses related to CDOs and ARS. The losses in AFS debt securities were primarily driven by CDO-related exposures and losses on certain investments we purchased from our GWIM cash funds. The gains in net

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derivatives were driven by gains recognized on hedges of our Level 3 trading account assets and positive valuation adjustments on our IRLCs which were due primarily to the acquisition of Countrywide. We also recorded unrealized losses of $\$ 556$ million and $\$ 1.1$ billion (pre-tax) through OCI during the three and nine months ended September 30, 2008, due primarily to residential mortgage-backed securities collateralized by first liens on residential real estate, as the related credit spreads widened at September 30, 2008 when compared to December 31, 2007.

Level 3 financial instruments 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 net losses recorded in earnings and OCI did not have a significant impact on our liquidity or capital resources.

During the three months ended September 30, 2008, we had net purchases of $\$ 1.5$ billion of Level 3 AFS debt securities and net settlements of $\$ 642$ million of Level 3 trading account assets. The net purchases in Level 3 AFS debt securities were driven by purchases of mortgage-backed securities, collateralized mortgage obligations and certain securities that were purchased from our GWIM cash funds. The settlements for trading account assets primarily related to the sale of excess spread certificates that were obtained in connection with the Countrywide acquisition.

During the nine months ended September 30, 2008, we had net settlements of $\$ 1.4$ billion of Level 3 trading account assets and net purchases of $\$ 2.0$ billion of Level 3 net derivatives. The increase in trading account assets was driven by the same factors described in the three month discussion above and paydowns related primarily to commercial paper backed by SIVs. The net settlements of derivative liabilities were driven by the extinguishment of our liquidity exposure to certain CDO vehicles.

Transfers into or out of Level 3 were made if the 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, therefore any gains or losses occurring on these assets and liabilities are included in the table above.

During the three months ended September 30, 2008, there were two significant transfers into Level 3. The first involves a $\$ 1.6$ billion transfer into Level 3 trading account assets transferred from Level 2 in the third quarter as observable model inputs were no longer available due to lack of liquidity in the marketplace. The second significant transfer of $\$ 1.9$ billion into AFS debt securities related to mortgage-backed securities and collateralized mortgage obligations which were previously priced through our internal valuation process which was validated through external market quotes. At September 30, 2008, external market quotes were no longer observable due to illiquidity in the market place and therefore these assets were transferred to Level 3 and valued using a discounted cash flow model.

During the nine months ended September 30, 2008, we had transfers into Level 3 AFS debt securities of $\$ 5.9$ billion and trading account assets of $\$ 5.8$ billion. In addition to the amounts disclosed in the preceding paragraph, AFS debt securities included $\$ 4.4$ billion of securities in the form of commercial paper issued by CDOs which were transferred due to a lack of liquidity in the market place in the first quarter. Also during the second quarter, we transferred into Level $3 \$ 1.1$ billion of AFS debt securities in the form of residential mortgage-backed securities for which no observable model inputs existed in the market place. Trading account asset transfers related primarily to ARS of $\$ 2.3$ billion of which $\$ 1.5$ billion were ARS backed by student loans were transferred as prices for these assets became unobservable in the marketplace due to a lack of liquidity in the first half of 2008. In light of the illiquidity in the student loan ARS sector, we implemented a change to our valuation approach for these instruments, basing the valuation on assumptions about the weighted average life of the security, estimated future coupons to be paid and spreads observed in pricing of similar instruments.

## Managing Risk

Our business exposes us to the following major risks: strategic, liquidity, credit, market, compliance and operational risk. Our management governance structure enables us to manage all major aspects of our business through an integrated planning and review process that includes strategic, financial, associate, customer and risk planning. We derive much of our revenue from managing risk from customer transactions for profit. In addition to qualitative factors, we utilize quantitative measures to optimize risk and reward trade offs in order to achieve growth targets and financial objectives while reducing the variability of earnings and minimizing unexpected losses. Risk metrics that allow us to measure performance include economic capital targets and corporate risk limits. By allocating economic capital to a line of business, we effectively manage the ability to take on risk. Review and approval of business plans incorporate approval of economic capital

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allocation, and economic capital usage is monitored through financial and risk reporting. Industry, country, trading, asset allocation and other limits supplement the allocation of economic capital. These limits are based on an analysis of risk and reward in each line of business and management is responsible for tracking and reporting performance measurements as well as any exceptions to guidelines or limits. Our risk management process continually evaluates risk and appropriate metrics needed to measure it. For a more detailed discussion of our risk management activities, see pages 40 through 68 of the MD\&A of the Corporation s 2007 Annual Report on Form 10-K.

## Strategic Risk Management

Strategic risk is the risk that adverse business decisions, ineffective or inappropriate business plans, or failure to respond to changes in the competitive environment, business cycles, customer preferences, product obsolescence, execution and/or other intrinsic risks of business will impact our ability to meet our objectives. We use an integrated planning process to help manage strategic risk. A key component of the planning process aligns strategies, goals, tactics and resources throughout the enterprise. The process begins with the creation of a corporate-wide business plan which incorporates an assessment of the strategic risks. This business plan establishes the corporate strategic direction. The planning process then cascades through the lines of business, creating business line plans that are aligned with the Corporation strategic direction. At each level, tactics and metrics are identified to measure success in achieving goals and assure adherence to the plans. As part of this process, the lines of business continuously evaluate the impact of changing market and business conditions, and the overall risk in meeting objectives. See the Compliance and Operational Risk Management section on page 166 for a further description of this process. Corporate Audit in turn monitors, and independently reviews and evaluates, the plans and measurement processes.

One of the key tools we use to manage strategic risk is economic capital allocation. Through the economic capital allocation process we effectively manage each line of business s ability to take on risk. Review and approval of business plans incorporate approval of economic capital allocation, and economic capital usage is monitored through financial and risk reporting. Economic capital allocation plans for the lines of business are incorporated into the Corporation s operating plan that is approved by the Board on an annual basis.

## Liquidity Risk and Capital Management

## Liquidity Risk

Liquidity is the ongoing ability to accommodate liability maturities and deposit withdrawals, fund asset growth and business operations, and meet contractual obligations through unconstrained access to funding at reasonable market rates. Liquidity management involves forecasting funding requirements and maintaining sufficient capacity to meet the needs and accommodate fluctuations in asset and liability levels due to changes in our business operations or unanticipated events. A more detailed discussion of our liquidity risk is included beginning on page 41 of the MD\&A of the Corporation s 2007 Annual Report on Form 10-K.

Our borrowing costs and ability to raise funds are directly impacted by our credit ratings. The credit ratings of Bank of America Corporation and Bank of America, N.A. as of November 6, 2008 are reflected in the table below.

## Table 12

## Credit Ratings

|  | Senior | Bank of America Corporation <br> Subordinated | Commercial | Bank of America, N.A. <br> Short-term | Long-term |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Paper | Borrowings | Debt |
| Moody s Investors Service | Debt | Da2 | Aa3 | P-1 | P-1 |

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The cost and availability of unsecured financing are impacted by changes in our credit ratings. A reduction in these ratings or the ratings of other asset-backed securitizations could have an adverse effect on our access to credit markets and the related cost of funds. Some of the primary factors in maintaining our credit ratings include a stable and diverse earnings stream, strong capital ratios, strong credit quality and risk management controls, diverse funding sources and disciplined liquidity monitoring procedures.

If we were downgraded by one level by the rating agencies, we estimate the incremental cost of funds and the potential lost funding to be negligible for senior and subordinated debt. However, if our short-term credit rating was downgraded by one level, our incremental cost of funds and potential lost funding may be material due to the negative impacts on our short-term unsecured liabilities and to our commercial paper conduit facilities. Additional funding requirements for VIEs and other third party commitments would not be significantly impacted.

The parent company maintains a cushion of excess liquidity that would be sufficient to fully fund the holding company and nonbank affiliate operations for an extended period during which funding from normal sources is disrupted. The primary measure used to assess the parent company s liquidity is the Time to Required Funding during such a period of liquidity disruption. Since deposits are taken by the bank operating subsidiaries and not by the parent company, this measure is not dependant on the bank operating subsidiaries stable deposit balances. This measure assumes that the parent company is unable to generate funds from debt or equity issuance, receives no dividend income from subsidiaries, and no longer pays dividends to shareholders while continuing to meet nondiscretionary uses needed to maintain operations and repayment of contractual principal and interest payments owed by the parent company and affiliated companies. Under this scenario, the amount of time the parent company and its nonbank subsidiaries can operate and meet all obligations before the current liquid assets are exhausted is considered the Time to Required Funding. ALCO approves the target range set for this metric, in months, and monitors adherence to the target. Maintaining excess parent company cash helps to facilitate the target range of 21 to 27 months for Time to Required Funding and is the primary driver of the timing and amount of the Corporation $s$ debt issuances. As of September 30, 2008, Time to Required Funding was 22 months compared to 19 months at December 31, 2007. The bank operating subsidiaries maintain sufficient funding capacity to address large increases in funding requirements such as deposit outflows. This capacity is comprised of available wholesale market capacity, liquidity derived from a reduction in asset levels and various secured funding sources.

One ratio that can be used to monitor the stability of our funding composition and takes into account our deposit balances is the loan to domestic deposit ratio. This ratio reflects the percent of loans and leases that are funded by domestic core deposits, a relatively stable funding source. A ratio below 100 percent indicates that our loan portfolio is completely funded by domestic core deposits. The ratio was 121 percent at September 30, 2008 compared to 127 percent at December 31, 2007.

The financial market disruptions that began in 2007 continued to impact the economy and financial services sector during the nine months ended September 30, 2008. The unsecured short-term funding markets remained stressed as investors continued not to participate and were hesitant to lend cash for a longer time horizon. The commercial paper markets essentially ceased to efficiently function during the second half of September 2008, outside of overnight demand, as a result of the material outflows of investor money from prime money market funds. Prime money market fund managers remained focused on redemptions and increased their portfolio composition to shorter and more liquid government-sponsored assets. As a result, many prime money market funds were forced to liquidate the highest quality commercial paper to raise cash to cover customer withdrawals. Liquidity for ABS also disappeared and spreads rose to historic highs, negatively impacting our credit card securitization programs. As a result of the above disruptions, the Corporation s funding generated from the debt capital markets decreased in recent months as investors were unwilling to purchase securities in the term market and previously issued securities matured. We were further constrained as demand for longer term notes was absent.

While market conditions have been challenging, we experienced a significant increase in deposits as we benefited from a consumer and business flight-to-safety at the end of the third quarter. We have also taken direct actions to enhance our liquidity position during the first nine months of 2008 including the issuance of $\$ 19.7$ billion of preferred stock, $\$ 8.5$ billion of senior notes and $\$ 1.0$ billion of Eurodollar floating rate notes by the parent company. In addition, Bank of America, N.A. issued $\$ 10.0$ billion of senior unsecured bank notes, of which $\$ 6.0$ billion included an extendible feature. In October 2008, we issued $\$ 9.8$ billion of common stock, net of underwriting expenses and $\$ 15.0$ billion of Series N Preferred Stock in connection with the TARP Capital Purchase Program, both of which are discussed further below. Also, several funding programs have been made available through the Federal Reserve Board which are more fully described in Regulatory Initiatives on page 60. It remains unclear when the current market conditions will subside, however, the conservative management of our liquidity position enables us to meet our liquidity requirements and manage within our usual parameters.

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## Regulatory Capital

As a regulated financial services company, we are governed by certain regulatory capital requirements. 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 risk-based capital rules have been further supplemented by a Tier 1 Leverage ratio, defined as Tier 1 Capital divided by adjusted quarterly average total assets, after certain adjustments. Well-capitalized bank holding companies must maintain a minimum Tier 1 Leverage ratio of three percent. National banks must maintain a Tier 1 leverage ratio of at least five percent to be classified as well-capitalized.

At September 30, 2008 and December 31, 2007, the Corporation, Bank of America, N.A., FIA Card Services, N.A., and LaSalle Bank, N.A., were classified as well-capitalized for regulatory purposes, the highest classification. Effective July 1, 2008, we acquired Countrywide Bank, FSB as part of the Countrywide acquisition. Countrywide Bank, FSB is regulated by the Office of Thrift Supervision (OTS) and is, therefore, subject to OTS capital requirements. Countrywide Bank, FSB is required by OTS regulations to maintain a tangible equity ratio of at least two percent to avoid being classified as critically undercapitalized. At September 30, 2008, Countrywide Bank, FSB s tangible equity ratio was 7.43 percent and was classified as well-capitalized for regulatory purposes. There have been no conditions or events since September 30, 2008 that have changed the Corporation s, Bank of America, N.A. s, FIA Card Services, N.A. s, LaSalle Bank, N.A. s, and Countrywide Bank, FSB s capital classifications.

Presented in Table 13 are the regulatory capital ratios, actual capital amounts and minimum required capital amounts for the Corporation, Bank of America, N.A., FIA Card Services, N.A., LaSalle Bank, N.A. and Countrywide Bank, FSB at September 30, 2008 and December 31, 2007.

Table 13
Regulatory Capital


## Edgar Filing: BANK OF AMERICA CORP /DE/ - Form 10-Q

(1) Dollar amount required to meet guidelines for adequately capitalized institutions.
(2) Effective October 17, 2008, LaSalle Bank, N.A. merged with and into Bank of America, N.A., with Bank of America, N.A. as the surviving entity.
(3) Countrywide Bank, FSB is presented for periods subsequent to June 30, 2008.

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Table 14 reconciles the Corporation stotal shareholders equity to Tier 1 and Total Capital as defined by the regulations issued by the FRB, the FDIC, the OCC, and the OTC at September 30, 2008 and December 31, 2007.

## Table 14

## Reconciliation of Tier 1 and Total Capital

| (Dollars in millions) | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| Tier 1 Capital |  |  |  |  |
| Total shareholders equity | \$ | 161,039 | \$ | 146,803 |
| Goodwill |  | $(81,756)$ |  | $(77,530)$ |
| Nonqualifying intangible assets ${ }^{(1)}$ |  | $(4,522)$ |  | $(5,239)$ |
| Effect of net unrealized (gains) losses on AFS debt and marketable equity securities and net |  |  |  |  |
| (gains) losses on derivatives recorded in accumulated OCI, net-of-tax |  | 4,435 |  | $(2,149)$ |
| Unamortized net periodic benefit costs recorded in accumulated OCI, net-of-tax |  | 1,266 |  | 1,301 |
| Trust securities |  | 18,356 |  | 16,863 |
| Other |  | 1,430 |  | 3,323 |
| Total Tier 1 Capital |  | 100,248 |  | 83,372 |
| Long-term debt qualifying as Tier 2 Capital |  | 31,920 |  | 31,771 |
| Allowance for loan and lease losses |  | 20,346 |  | 11,588 |
| Reserve for unfunded lending commitments |  | 427 |  | 518 |
| Other ${ }^{(2)}$ |  | 377 |  | 6,471 |
| Total Capital | \$ | 153,318 | \$ | 133,720 |

(1) Nonqualifying intangible assets of the Corporation are comprised of core deposit intangibles, affinity relationships and other intangibles.
(2) At September 30, 2008 and December 31, 2007, includes 45 percent of the pre-tax fair value adjustment of $\$ 4.3$ billion and $\$ 6.0$ billion related to the Corporation s stock investment in CCB. At September 30, 2008, includes 45 percent of the pre-tax fair value adjustment of $\$ 487$ million related to the Corporation s stock investment in Banco Itaú.
In July 2008, the Corporation completed its acquisition of Countrywide through its merger with a subsidiary of the Corporation. Under the terms of the agreement, Countrywide shareholders received 0.1822 of a share of Bank of America Corporation common stock in exchange for one share of Countrywide common stock. The Corporation s Tier 1 and Total Capital ratios were reduced by approximately 65 bps and 85 bps and its Tier 1 Leverage ratio was reduced by approximately 45 bps at September 30, 2008 as a result of this acquisition.

In October 2008, prior to the U.S. Treasury announcement discussed in Regulatory Initiatives on page 60, we announced an initiative to increase our Tier 1 Capital ratio and improve our other capital ratios with a $\$ 9.8$ billion common stock offering, net of underwriting expenses. In addition, we issued $\$ 15.0$ billion of Series N Preferred Stock in connection with the TARP Capital Purchase Program. With this initiative, including the impact of the announced acquisition of Merrill Lynch which is expected to close on or around December 31, 2008, we expect to exceed 8 percent for Tier 1 Capital.

## Common Share Issuances and Repurchases

We may repurchase shares, subject to certain restrictions, from time to time, in the open market or in private transactions through our approved repurchase programs. For more information on repurchase restriction, see Note 19 Subsequent Events to the Consolidated Financial Statements. For the nine months ended September 30, 2008, we did not repurchase any shares of the Corporation s common stock and we issued 107 million shares in connection with the Countrywide acquisition and 17.4 million shares under employee stock plans. In addition, in October 2008, in connection with our capital and liquidity initiative discussed above, we issued 455 million shares of common stock at $\$ 22.00$ per share with proceeds of $\$ 9.8$ billion, net of underwriting expenses.

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To replace the existing stock repurchase program, in July 2008, the Board authorized a stock repurchase program of up to 75 million shares of the Corporation s common stock at an aggregate cost not to exceed $\$ 3.75$ billion that is limited to a period of 12 to 18 months. This program is also subject to the repurchase restrictions that are described in detail in Note 19 Subsequent Events to the Consolidated Financial Statements.

In January 2007, the Board authorized a stock repurchase program of up to 200 million shares of the Corporation s common stock at an aggregate cost not to exceed $\$ 14.0$ billion. This stock repurchase program expired in July 2008.

## Common Stock Dividends

The following table is a summary of our regular quarterly cash dividends on common stock as of November 6, 2008. In October 2008, to position our dividend to better match our earnings, we announced a 50 percent reduction in our regular quarterly cash dividend on common stock to $\$ 0.32$ per share.

## Table 15

Common Stock Dividend Summary

| Declaration Date |  |  |  |  |  | Record Date |  | Payment Date | Dividend per Share |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October 6, 2008 | December 5, 2008 | December 26, 2008 | $\$ 0.32$ |  |  |  |  |  |  |
| July 23, 2008 | September 5, 2008 | September 26, 2008 | 0.64 |  |  |  |  |  |  |
| April 23, 2008 | June 6, 2008 | June 27, 2008 | 0.64 |  |  |  |  |  |  |
| January 23, 2008 | March 7, 2008 | March 28, 2008 | 0.64 |  |  |  |  |  |  |

## Preferred Stock Issuances

In October 2008, in connection with the TARP Capital Purchase Program, created as part of the EESA, we issued to the U.S. Treasury 600 thousand shares of Series N Preferred Stock with a par value of $\$ 0.01$ per share for $\$ 15.0$ billion. The Series N Preferred Stock initially pays quarterly dividends at a five percent annual rate that increases to nine percent after five years on a liquidation preference of $\$ 25,000$ per share. The Series N Preferred Stock has a call feature after three years. In connection with this investment, we also issued to the U.S. Treasury 10-year warrants to purchase approximately 73.1 million shares of Bank of America Corporation common stock at an exercise price of $\$ 30.79$ per share. Upon the request of the U.S. Treasury, at any time, we have agreed to enter into a deposit arrangement pursuant to which the Series N Preferred Stock may be deposited and depositary shares, representing $1 / 25^{\text {th }}$ of a share of Series N Preferred Stock, may be issued. We have agreed to register the Series N Preferred Stock, the warrants, the shares of common stock underlying the warrants and the depositary shares, if any, for resale under the Securities Act of 1933, as soon as practicable after the issuance of the Series N Preferred Stock and the warrants.

In connection with the sale of the Series N Preferred Stock, Merrill Lynch entered into an agreement with the U.S. Treasury which allows Merrill Lynch to sell preferred stock and warrants to the U.S. Treasury for a purchase price of $\$ 10.0$ billion prior to January 31, 2009 under certain circumstances. The U.S. Treasury has agreed with the Corporation that if the closing of the Merrill Lynch acquisition occurs prior to any such sale of preferred stock by Merrill Lynch to the U.S. Treasury, the U.S. Treasury will purchase, and the Corporation will issue, 400 thousand additional shares of Series N Preferred Stock (or a substantially similar series) and warrants to purchase approximately 48.7 million additional shares of common stock at an exercise price of $\$ 30.79$, for an aggregate purchase price of $\$ 10.0$ billion.

Under the TARP Capital Purchase Program dividend payments on, and repurchases of, our outstanding preferred stock are subject to certain restrictions. For more information on these restrictions, see Note 19 Subsequent Events to the Consolidated Financial Statements.

In May and June 2008, we issued 117 thousand shares of Bank of America Corporation $8.20 \%$ Non-Cumulative Preferred Stock, Series H with a par value of $\$ 0.01$ per share for $\$ 2.9$ billion.

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In April 2008, we issued 160 thousand shares of Bank of America Corporation Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M with a par value of $\$ 0.01$ per share for $\$ 4.0$ billion. The fixed rate is 8.125 percent through May 14, 2018 and then adjusts to three-month LIBOR plus 364 bps thereafter.

In January 2008, we issued 240 thousand shares of Bank of America Corporation Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K with a par value of $\$ 0.01$ per share for $\$ 6.0$ billion. The fixed rate is 8.00 percent through January 29,2018 and then adjusts to three-month LIBOR plus 363 bps thereafter. In addition, we issued 6.9 million shares of Bank of America Corporation 7.25\% Non-Cumulative Perpetual Convertible Preferred Stock, Series L with a par value of $\$ 0.01$ per share for $\$ 6.9$ billion.

For additional information on the issuance of preferred stock, see Note 13 Shareholders Equity and Earnings per Common Share to the Consolidated Financial Statements.

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## Preferred Stock Dividends

The following table is a summary of our cash dividends on preferred stock as of November 6, 2008.

Table 16
Preferred Stock Cash Dividend Summary

| Preferred Stock | Declaration Date | Record Date | Payment Date | Per Annum Dividend Rate | Dividend per Share |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Series B | October 6, 2008 | January 9, 2009 | January 23, 2009 | 7.00\% | \$ | 1.75 |
|  | July 23, 2008 | October 8, 2008 | October 24, 2008 | 7.00 |  | 1.75 |
|  | April 23, 2008 | July 9, 2008 | July 25, 2008 | 7.00 |  | 1.75 |
|  | January 23, 2008 | April 11, 2008 | April 25, 2008 | 7.00 |  | 1.75 |
| Series D ${ }^{(1)}$ | October 2, 2008 | November 28, 2008 | December 15, 2008 | 6.204\% | \$ | 0.38775 |
|  | July 3, 2008 | August 29, 2008 | September 15, 2008 | 6.204 |  | 0.38775 |
|  | April 3, 2008 | May 30, 2008 | June 16, 2008 | 6.204 |  | 0.38775 |
|  | January 3, 2008 | February 29, 2008 | March 14, 2008 | 6.204 |  | 0.38775 |
| Series E ${ }^{(1)}$ | October 2, 2008 | October 31, 2008 | November 17, 2008 | Floating | \$ | 0.25556 |
|  | July 3, 2008 | July 31, 2008 | August 15, 2008 | Floating |  | 0.25556 |
|  | April 3, 2008 | April 30, 2008 | May 15, 2008 | Floating |  | 0.25 |
|  | January 3, 2008 | January 31, 2008 | February 15, 2008 | Floating |  | 0.33342 |
| Series H ${ }^{(1)}$ | October 2, 2008 | October 15, 2008 | November 3, 2008 | 8.20\% | \$ | 0.51250 |
|  | July 3, $2008{ }_{(2)}$ | July 15, 2008 | August 1, 2008 | 8.20 |  | 0.3929 |
| Series I ${ }^{(1)}$ | October 2, 2008 | December 15, 2008 | December 31, 2008 | 6.625\% | \$ | 0.41406 |
|  | July 3, 2008 | September 15, 2008 | October 1, 2008 | 6.625 |  | 0.41406 |
|  | April 3, 2008 | June 15, 2008 | July 1, 2008 | 6.625 |  | 0.41406 |
|  | January 3, 2008 | March 15, 2008 | April 1, 2008 | 6.625 |  | 0.41406 |
| Series J ${ }^{(1)}$ | October 2, 2008 | October 15, 2008 | November 3, 2008 | 7.25\% | \$ | 0.45312 |
|  | July 3, 2008 | July 15, 2008 | August 1, 2008 | 7.25 |  | 0.45312 |
|  | April 3, 2008 | April 15, 2008 | May 1, 2008 | 7.25 |  | 0.45312 |
|  | January 3, 2008 (2) | January 15, 2008 | February 1, 2008 | 7.25 |  | 0.35750 |
| Series K ${ }^{(1,3)}$ | July 3, 2008 (2) | July 15, 2008 | July 30, 2008 | Fixed-to-Floating | \$ | 40.00 |
| Series L | September 16, 2008 | October 1, 2008 | October 30, 2008 | 7.25\% | \$ | 18.1250 |
|  | June 13, 2008 | July 1, 2008 | July 30, 2008 | 7.25 |  | 18.1250 |
|  | March 14, 2008 (2) | April 1, 2008 | April 30, 2008 | 7.25 |  | 18.3264 |
| Series M ${ }^{(1,3)}$ | October 2, 2008 (2) | October 31, 2008 | November 17, 2008 | Fixed-to-Floating | \$ | 44.0104 |

(1) Dividends per depositary share
(2) Initial dividends
(3) Pays dividends semi-annually.

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Declaration of preferred stock dividends results in a decrease in net income available to common shareholders in the quarter such dividends are declared. Preferred stock dividends may be declared from time to time by the Board (or a designated committee of the Board). The terms of the outstanding series of preferred stock provide for dividends on a quarterly or semi-annual basis should the Board declare any such dividends. During the first, second and third quarters of 2008, the aggregate dividends on preferred stock declared were $\$ 190$ million, $\$ 186$ million and $\$ 473$ million. The Corporation estimates that the potential aggregate dividends in the fourth quarter of 2008, subject to the Board s future declaration and assuming no conversion of convertible shares, are $\$ 422$ million. For additional information on our preferred stock, see Note 13 Shareholders Equity and Earnings per Common Share to the Consolidated Financial Statements.

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## Credit Risk Management

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 that 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 at fair value in accordance with SFAS 159. 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 adjustment recorded in earnings in the period incurred. For derivative positions, our credit risk is 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. 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 derivatives and credit extension commitments, see Note 4 Derivatives and Note 12 Commitments and Contingencies to the Consolidated Financial Statements.

For credit risk purposes, we evaluate our consumer businesses on both a held and managed basis. Managed basis assumes that credit card loans that have been securitized were not sold and presents earnings on these loans in a manner similar to the way loans that have not been sold (i.e., held loans) are presented. We evaluate credit performance on a managed basis as the credit card receivables that have been securitized are subject to the same underwriting standards and ongoing monitoring as held loans. In addition to the discussion of credit quality statistics of both held and managed credit card loans included in this section, refer to the Card Services discussion beginning on page 82. For additional information on our managed portfolio and securitizations, see Note 8 Securitizations 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.

The financial market conditions that existed in the second half of 2007 have continued to affect the economy and the financial services sector in 2008. Over the next several months and into 2009, we expect continued market turbulence and economic uncertainty. The impact of the housing downturn and the broader economic slowdown has been profound and the depth and breadth of the downturn remains unclear. Continued deterioration of the housing markets and the broader economy will negatively impact the credit quality of both our consumer and commercial portfolios and may result in a higher provision for credit losses in future periods.

As part of our credit risk management culture, we continue to refine our credit standards to meet the changing economic environment. We have adjusted our underwriting criteria, as well as enhanced our line management and collection strategies across the consumer businesses in an attempt to mitigate losses. In our domestic consumer credit card business, we have implemented several initiatives to mitigate losses including increased use of judgmental lending, adjusted underwriting and account and line management standards, particularly in higher-risk geographies, and increased collections staffing levels. In response to the significant deterioration in our consumer real estate portfolio we have implemented initiatives including underwriting changes on newly originated consumer real estate loans which increased the minimum FICO score and reduced the maximum loan-to-value (LTV). Additional LTV reductions were implemented for higher risk geographies. On our home equity portfolio, we have also reduced unfunded lines on deteriorating accounts with declining equity positions where allowed.

In response to weakness in our direct/indirect portfolio, we have implemented several initiatives to mitigate losses. In our unsecured lending business we have increased the use of judgmental lending and tighter underwriting and account management standards for higher risk customers and higher-risk geographies. In our automotive and dealer-related portfolios, we have tightened underwriting criteria and improved the risk-based pricing for purchased loans.

To mitigate losses in the commercial businesses, we have increased the frequency and intensity of portfolio monitoring, hedging activity and our efforts in managing the exposure when we begin to see signs of deterioration. A number of initiatives have also been implemented in our small business commercial domestic portfolio including changes to underwriting thresholds, augmented by a granular decision making process by experienced underwriters including

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increasing minimum FICO scores and lowering initial line assignments. We have also decreased credit lines on higher risk customers in higher risk states and industries.

Further, we are increasing our customer assistance and collections infrastructure and have instituted a number of other initiatives related to our credit portfolios in an attempt to mitigate losses and enhance our support for our customers. This includes expanding the use of current loss mitigation options such as an enhanced set of workout solutions including the announced creation of a home retention program that was developed in conjunction with several state attorneys general that will systematically modify troubled mortgages with up to $\$ 8.4$ billion in interest rate and principal reductions for approximately 400,000 Countrywide customers. We hold approximately 12 percent of the eligible loans for investment while the remaining 88 percent are loans that we service but do not own. These foreclosure prevention efforts will reduce foreclosures and the related losses providing a solution for customers and protecting investors. This program is in line with the Corporation s original expectations upon acquisition and is not expected to impact the Corporation s purchase accounting adjustments. For more information on this home retention program see Recent Events on page 62. Currently, we cannot determine how effective any of the aforementioned initiatives will be as they are dependent upon a variety of factors including the duration and severity of the housing downturn, uncertainty in energy and commodity costs and the overall economic, regulatory and capital environments.

On July 1, 2008, the Corporation acquired Countrywide creating one of the largest mortgage originators and servicers. We will continue our practice of not originating subprime mortgages and certain nontraditional mortgages, and as such will not offer products such as Countrywide s pay-option and payment advantage adjustable-rate mortgages (ARMs), which we classify as discontinued real estate in the Consumer Portfolio Credit Risk Management discussion. We have significantly curtailed the production of other nontraditional mortgages, such as certain low-documentation loans. Products being offered will be subject to our underwriting process and credit risk management culture.

In addition, we will continue to offer first-lien mortgages conforming to the underwriting standards of government-sponsored enterprises and the government, including loans supported by the FHA and the Department of Veterans Affairs and other loans designed for low and moderate income borrowers (e.g., Community Reinvestment Act loans). We will also continue to offer first-lien non-conforming loans, interest-only fixed-rate and ARMs that are subject to a 10 -year minimum interest-only period, and fixed-period ARMs.

In October 2008, in connection with the TARP Capital Purchase Program, we issued to the U.S. Treasury 600 thousand shares of Series N Preferred Stock with a par value of $\$ 0.01$ per share for $\$ 15.0$ billion. This additional capital will further our efforts to continue providing these credit products to our consumer and commercial customers and clients thus promoting the efficient flow of liquidity and capital into the marketplace.

## Consumer Portfolio Credit Risk Management

Credit risk management for the consumer portfolio begins with initial underwriting and continues throughout a borrower scredit 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, 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 critical 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 and charge-offs for the consumer portfolio, see Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K.

With the acquisition of Countrywide, we acquired certain loans that were considered impaired and were written down to fair value at the acquisition date in accordance with SOP 03-3. Refer to the SOP 03-3 discussion beginning on page 131 for more information.

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## Management of Consumer Credit Risk Concentrations

Consumer credit risk is evaluated and managed with a goal that credit concentrations do not result in undesirable levels of risk. We review, measure and manage credit exposure in numerous ways such as by product and geography in order to achieve the desired mix. Additionally, credit protection is purchased on certain portions of our portfolio to enhance our overall risk management position.

## Consumer Credit Portfolio

Table 17 presents our consumer loans and leases and our managed credit card portfolio, and related credit quality information. Loans that were acquired from Countrywide that were considered impaired were written down to fair value at acquisition in accordance with SOP 03-3. In addition to being included in the Outstandings column below, these loans are also shown separately, net of purchase accounting adjustments, for increased transparency in the SOP 03-3 Portfolio column. Overall, consumer credit quality indicators continued to deteriorate during the three and nine months ended September 30, 2008. Continued weakness in the housing markets, the slowing economy, credit market disruptions and seasoning of vintages in certain higher growth portfolios, resulted in rising credit risk across our consumer portfolios.

Table 17

## Consumer Loans and Leases

| (Dollars in millions) | Outstandings |  |  | Nonperforming (1,2,3) |  |  | $\underset{\text { Days }}{\text { Accruing Past Due } 90}$ |  |  | SOP 03-3 <br> Portfolio ${ }^{(5)}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ | $\begin{gathered} \text { December } 31 \\ 2007 \end{gathered}$ |  | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ | $\begin{gathered} \text { December } 31 \\ 2007 \end{gathered}$ |  | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ | $\begin{gathered} \text { December } 31 \\ 2007 \end{gathered}$ |  | $\begin{gathered} \text { September } 30 \\ 2008 \end{gathered}$ |  |
| Held basis |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgage | \$ 256,989 | \$ | 274,949 | \$ 4,638 | \$ | 1,999 | \$ 268 | \$ | 237 | \$ | 7,339 |
| Home equity | 151,938 |  | 114,820 | 2,049 |  | 1,340 | - |  | - |  | 12,957 |
| Discontinued real estate ${ }^{(6)}$ | 22,081 |  | $\mathrm{n} / \mathrm{a}$ | 33 |  | n /a | - |  | n/a |  | 19,652 |
| Credit card domestic | 63,012 |  | 65,774 | n/a |  | $\mathrm{n} / \mathrm{a}$ | 1,973 |  | 1,855 |  | n/a |
| Credit card foreign | 18,338 |  | 14,950 | n/a |  | n/a | 357 |  | 272 |  | n/a |
| Direct/Indirect consumer ${ }^{(7)}$ | 82,849 |  | 76,538 | 13 |  | 8 | 1,113 |  | 745 |  | n/a |
| Other consumer ${ }^{(8)}$ | 3,680 |  | 4,170 | 89 |  | 95 | 4 |  | 4 |  | n/a |
| Total held | \$ 598,887 | \$ | 551,201 | \$ 6,822 | \$ | 3,442 | \$ 3,715 | \$ | 3,113 | \$ | 39,948 |
| Supplemental managed basis data |  |  |  |  |  |  |  |  |  |  |  |
| Credit card domestic | \$ 151,118 | \$ | 151,862 | n/a |  | n/a | \$ 4,545 | \$ | 4,170 |  | n/a |
| Credit card foreign | 32,280 |  | 31,829 | n/a |  | $\mathrm{n} / \mathrm{a}$ | 743 |  | 714 |  | n/a |
| Total credit card-managed | \$ 183,398 | \$ | 183,691 | n/a |  | n/a | \$ 5,288 | \$ | 4,884 |  | n/a |

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Table 18 presents net charge-offs and related ratios for our consumer loans and leases and net losses and related ratios for our managed credit card portfolio for the three and nine months ended September 30, 2008 and 2007. The reported net charge-off ratios for residential mortgage, home equity and discontinued real estate benefit from the addition of the Countrywide SOP 03-3 portfolio as the initial fair value adjustments recorded on those loans at acquisition would have already included the estimated credit losses.

## Table 18

## Consumer Net Charge-offs/Net Losses and Related Ratios

| (Dollars in millions) | Net Charge-offs/Losses <br> Three Months Ended Nine Months Ended September 30 September 30 |  |  |  | Net Charge-off/Loss Ratios ${ }^{(1)}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Three Months Ended September 30 |  |  | Nine Months Ended September 30 |  |  |
|  | 2008 | 2007 | 2008 | 2007 | 2008 |  | 2007 | 2008 |  | 2007 |
| Held basis |  |  |  |  |  |  |  |  |  |  |
| Residential mortgage | \$ 242 | \$ 13 | \$ 459 | \$ 30 | 0.37 | \% | 0.02 \% | 0.23 | \% | 0.02 \% |
| Home equity | 964 | 50 | 2,383 | 95 | 2.53 |  | 0.20 | 2.46 |  | 0.13 |
| Discontinued real estate | (3) | n/a | (3) | n/a | (0.05) |  | n/a | (0.05) |  | n/a |
| Credit card domestic | 1,094 | 712 | 2,917 | 2,325 | 6.86 |  | 4.91 | 6.20 |  | 5.44 |
| Credit card foreign | 148 | 96 | 389 | 270 | 3.46 |  | 3.19 | 3.19 |  | 3.09 |
| Direct/Indirect consumer | 845 | 353 | 2,060 | 917 | 3.94 |  | 1.92 | 3.35 |  | 1.79 |
| Other consumer | 106 | 78 | 275 | 182 | 11.36 |  | 7.18 | 9.45 |  | 5.29 |
| Total held | \$ 3,396 | \$ 1,302 | \$ 8,480 | \$ 3,819 | 2.24 |  | 0.99 | 2.01 |  | 1.02 |
| Supplemental managed basis data |  |  |  |  |  |  |  |  |  |  |
| Credit card domestic | \$ 2,643 | \$ 1,707 | \$ 7,125 | \$ 5,144 | 6.87 |  | 4.76 | 6.24 |  | 4.91 |
| Credit card foreign | 353 | 317 | 994 | 932 | 4.21 |  | 4.24 | 4.06 |  | 4.31 |
| Total credit card managed | \$ 2,996 | \$ 2,024 | \$ 8,119 | \$ 6,076 | 6.40 |  | 4.67 | 5.85 |  | 4.81 |

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Table 19 presents net charge-offs and related ratios for our consumer loans and leases adjusted to exclude the SOP 03-3 portfolio for the three and nine months ended September 30, 2008. There was no impact to net charge-offs excluding the SOP 03-3 portfolio for the three and nine months ended September 30, 2008 as all impaired loans were written down to fair value upon acquisition. Consequently the net charge-off amounts disclosed in the table below are the same as Table 18. The exclusion of the SOP 03-3 portfolio affects only the residential mortgage, home equity and discontinued real estate loan balances on an ending and average basis as these are the categories of loans acquired from Countrywide. As a result, the net charge-off ratios for the table below differ from the reported view above.

## Table 19

Consumer Net Charge-offs and Related Ratios (Adjusted to Exclude the SOP 03-3 Portfolio)

(1) Net charge-off ratios are calculated as annualized held net charge-offs divided by average outstanding loans and leases adjusted to exclude the SOP 03-3 outstandings during the period for each loan and lease category.
In certain cases, the inclusion of the SOP 03-3 portfolio, which was written down to fair value at acquisition, may impact portfolio credit statistics and trends. We believe that the presentation of information adjusted to exclude the impacts of the SOP 03-3 portfolio is more representative of the ongoing operations and credit quality of the business. As a result, in the below discussions of the residential mortgage, home equity and discontinued real estate portfolios, we supplement certain reported statistics with information that is adjusted to exclude the impacts of the SOP 03-3 portfolio. In addition, beginning on page 131, we separately disclose information on the SOP 03-3 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 43 percent of consumer loans and leases ( 45 percent excluding the SOP 03-3 portfolio) at September 30, 2008. Approximately 23 percent of the residential portfolio is in GCSBB and GWIM and represents residential mortgages that are originated for the home purchase and refinancing needs of our customers. The remaining portion of the portfolio is mostly in All Other, and is comprised of both purchased loans, including certain loans from the Countrywide portfolio, as well as residential loans originated for our customers which are used in our overall ALM activities.

Outstanding loans and leases decreased $\$ 18.0$ billion at September 30, 2008 compared to December 31, 2007 as new loan originations and the addition of the Countrywide acquisition were more than offset by sales, paydowns and conversions of loans into retained mortgage backed securities. The Countrywide acquisition added $\$ 26.8$ billion of residential mortgage outstandings, of which $\$ 7.3$ billion is included in the SOP 03-3 portfolio. Nonperforming balances increased $\$ 2.6$ billion due to the impacts of weak housing and economic markets and seasoning of the portfolio reflective of growth in the business. At September 30, 2008 and December 31, 2007, loans past due 90 days or more and still accruing interest of $\$ 268$ million and $\$ 237$ million were related to repurchases pursuant to our servicing agreements with Government National Mortgage Association (GNMA) mortgage pools where repayments are insured by the FHA or guaranteed by the Department of Veterans Affairs.

Net charge-offs increased $\$ 229$ million to $\$ 242$ million for the three months ended September 30, 2008, or 0.37 percent ( 0.38 percent excluding the SOP 03-3 portfolio) of total average residential mortgage loans compared to 0.02 percent for the same period in 2007. For the nine month period ended September 30, 2008, net charge-offs increased $\$ 429$ million to $\$ 459$ million, or 0.23 percent ( 0.24 percent excluding the SOP 03-3 portfolio) of total average residential mortgage loans

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compared to 0.02 percent for the same period in 2007. These increases were reflective of the impacts of the weak housing markets and the slowing economy. See page 131 for more information on the SOP 03-3 residential mortgage portfolio.

We mitigate a portion of our credit risk through synthetic securitizations which are cash collateralized and provide mezzanine risk protection which will reimburse us in the event that losses exceed 10 bps of the original pool balance. As of September 30, 2008 and December 31, 2007, $\$ 117.9$ billion and $\$ 140.0$ billion of mortgage loans were protected by these agreements. In addition, we have entered into credit protection agreements with government-sponsored entities on $\$ 10.8$ billion and $\$ 33.0$ billion as of September 30, 2008 and December 31, 2007, providing full protection on conforming residential mortgage loans that become severely delinquent. These structures provided risk mitigation for approximately 50 percent and 63 percent of our residential mortgage portfolio at September 30, 2008 and December 31, 2007. The reduction in the protection was driven by an increase in loan sales and securitizations during the period, some of which were insured, and the addition of Countrywide mortgages resulting from the acquisition. Our regulatory risk-weighted assets are reduced as a result of these risk protection transactions because we transferred a portion of our credit risk to unaffiliated parties. At September 30, 2008 and December 31, 2007, these transactions had the cumulative effect of reducing our risk-weighted assets by $\$ 37.0$ billion and $\$ 49.0$ billion, and strengthened our Tier 1 Capital ratio at September 30, 2008 and December 31, 2007 by 21 bps and 27 bps.

Excluding the SOP 03-3 portfolio, residential mortgage loans with greater than 90 percent refreshed LTV represented 21 percent of the portfolio and those loans with refreshed FICO lower than 620 represented seven percent of the portfolio. In addition, residential mortgage loans to borrowers in the state of California represented 36 percent and 32 percent of total residential mortgage loans at September 30, 2008 and December 31, 2007. The Los Angeles-Long Beach-Santa Ana Metropolitan Statistical Area (MSA) within California represented 12 percent and 11 percent of the total residential mortgage portfolio at September 30, 2008 and December 31, 2007. In addition, residential mortgage loans to borrowers in the state of Florida represented six percent of the total residential mortgage portfolio at both September 30, 2008 and December 31, 2007. Additionally, 55 percent and 38 percent of loans in California and Florida are in reference pools of synthetic securitizations, as described above, which provide mezzanine risk protection. Total credit risk on two percent and three percent of our mortgage loans in California and Florida has been mitigated through the purchase of protection from government sponsored entities. The table below presents outstandings, nonperforming loans and net charge-offs and the related ratios by certain state concentrations for the residential mortgage portfolio.

## Table 20

## Residential Mortgage State Concentrations



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nonperforming residential mortgage loans. This portfolio also comprised 27 percent and 26 percent of residential mortgage net charge-offs during the three and nine months ended September 30, 2008. While approximately 50 percent of our residential mortgage portfolio carries risk mitigation protection, only a small portion of our CRA portfolio is covered by this protection.

## Home Equity

At September 30, 2008, approximately 80 percent of the home equity portfolio was included in $G C S B B$, while the remainder of the portfolio was mostly in GWIM. Outstanding home equity loans increased $\$ 37.1$ billion, or 32 percent, at September 30, 2008 compared to December 31, 2007, due to the Countrywide acquisition which added approximately $\$ 29.0$ billion in home equity loans of which $\$ 13.0$ billion is included in the SOP 03-3 portfolio. See page 131 for more information on the SOP 03-3 residential mortgage portfolio.

Home equity unused lines of credit totaled $\$ 113.6$ billion at September 30, 2008 compared to $\$ 120.1$ billion at December 31, 2007. The $\$ 6.5$ billion decrease was despite the $\$ 5.9$ billion in unused lines acquired from the nonimpaired Countrywide portfolio. A portion of the decrease was driven by line management initiatives which reduced risk on existing lines with high combined loan-to-values (CLTVs), particularly in those states that have experienced the most significant housing price declines. The home equity utilization rate was 50 percent at September 30, 2008 compared to 44 percent at December 31, 2007.

Nonperforming home equity loans increased $\$ 709$ million compared to December 31, 2007 and net charge-offs increased $\$ 914$ million to $\$ 964$ million for the three months ended September 30, 2008, or 2.53 percent ( 2.77 percent excluding the SOP 03-3 portfolio) of total average home equity loans compared to 0.20 percent for the same period in 2007. For the nine months ended September 30, 2008, net charge-offs increased to $\$ 2.4$ billion, or 2.46 percent ( 2.54 percent excluding the SOP 03-3 portfolio) of total average home equity loans compared to 0.13 percent for the same period in 2007. These increases were driven by the continued weakness in the housing markets, the slowing economy and seasoning of vintages originated in periods of higher growth. Additionally, these increases were driven by high CLTV 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 resulted in no collateral value after consideration of the first lien position. This drove more severe charge-offs as borrowers defaulted.

Excluding the SOP 03-3 portfolio, home equity loans with greater than 90 percent refreshed CLTV comprised 35 percent of the home equity portfolio while loans with a refreshed FICO lower than 620 represented nine percent of the home equity loans at September 30, 2008. These higher CLTV loans represented 88 percent and 84 percent of net charge-offs for the three and nine months ended September 30, 2008. In addition, $\$ 35.8$ billion, or 26 percent of our home equity portfolio was comprised of 2006 vintages which continue to season and have a higher refreshed CLTV. These 2006 vintage loans accounted for approximately 48 percent and 53 percent of net charge-offs for the three and nine months ended September 30, 2008. The portfolio s 2007 vintages, which represent 27 percent of the portfolio, are showing similar asset quality characteristics as the 2006 vintages and accounted for 32 percent and 25 percent of net charge-offs in the three and nine months ended September 30, 2008. Additionally, legacy Bank of America discontinued the program of purchasing non-franchise originated loans in the second quarter of 2007. These purchased loans represented only three percent of the portfolio but accounted for 16 percent of net charge-offs for both the three and nine months ended September 30, 2008.

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Excluding the SOP 03-3 portfolio, our home equity loan portfolio in the states of California and Florida represented in aggregate 40 percent of outstanding home equity loans at September 30, 2008 and 39 percent of outstanding home equity loans at December 31, 2007. These states accounted for $\$ 1.1$ billion, or 56 percent, of nonperforming home equity loans at September 30, 2008. In addition, these states represented 67 percent and 64 percent of the home equity net charge-offs for the three and nine months ended September 30, 2008. In the New York area, the New York-Northern New Jersey-Long Island MSA made up 10 percent of outstanding home equity loans at September 30, 2008 but comprised only four percent and five percent of net charge offs for the three and nine months ended September 30, 2008. The Los Angeles-Long Beach-Santa Ana MSA within California made up 10 percent of outstanding home equity loans at September 30, 2008 and 12 percent and 11 percent of net charge-offs for the three and nine months ended September 30, 2008. The table below presents outstandings, nonperforming loans, net charge-offs and the related ratios by certain state concentrations for the home equity portfolio.

Table 21

## Home Equity State Concentrations

| (Dollars in millions) | September 30, 2008 |  |  |  |  |  | Net Charge-offs |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstandings |  |  | Nonperforming |  |  | Three Months Ended September 30, 2008 |  |  |  | Nine Months Ended September 30, 2008 |  |  |  |
|  | Amount | Percent of Total |  |  | mount | Percent of Total |  | Amoun | Percent of Total |  |  | mount | Percent of Total |  |
| California | \$ 37,670 | 27.1 | \% | \$ | 682 | 33.3 | \% | \$ 409 | 42.4 | \% | \$ | 1,012 | 42.5 | \% |
| Florida | 17,685 | 12.7 |  |  | 464 | 22.7 |  | 232 | 24.1 |  |  | 519 | 21.8 |  |
| New Jersey | 8,772 | 6.3 |  |  | 91 | 4.4 |  | 23 | 2.4 |  |  | 68 | 2.9 |  |
| New York | 8,522 | 6.1 |  |  | 128 | 6.2 |  | 23 | 2.4 |  |  | 69 | 2.9 |  |
| Virginia | 4,573 | 3.3 |  |  | 69 | 3.4 |  | 44 | 4.6 |  |  | 115 | 4.8 |  |
| Texas | 3,019 | 2.2 |  |  | 12 | 0.6 |  | 4 | 0.4 |  |  | 12 | 0.5 |  |
| Other U.S./Foreign | 58,740 | 42.3 |  |  | 603 | 29.4 |  | 229 | 23.7 |  |  | 588 | 24.6 |  |
| Total home equity loans (excluding SOP 03-3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| loans) | \$ 138,981 | 100.0 | \% |  | 2,049 | 100.0 | \% | \$ 964 | 100.0 | \% | \$ | 2,383 | 100.0 | \% |
| Total SOP 03-3 home equity loans ${ }^{(1)}$ | 12,957 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total home equity loans | \$ 151,938 |  |  |  |  |  |  |  |  |  |  |  |  |  |

${ }^{(1)}$ Represents acquired loans from Countrywide that were considered impaired and written down to fair value at the acquisition date in accordance with SOP 03-3. See page 131 for the discussion of the characteristics of the SOP 03-3 loans.

## Discontinued Real Estate

The discontinued real estate portfolio, totaling $\$ 22.1$ billion at September 30, 2008, consisted of pay-option and pay-advantage ARMs (pay option loans) and subprime loans obtained in connection with the acquisition of Countrywide. At acquisition, the majority of the discontinued real estate portfolio was considered impaired and, in accordance with SOP 03-3, written down to fair value. At September 30, 2008 the SOP 03-3 portfolio comprised $\$ 19.7$ billion of the $\$ 22.1$ billion in discontinued real estate outstandings. This portfolio is included in All Other and is managed as part of our overall ALM activities. See page 131 for more information on the SOP 03-3 residential mortgage portfolio.

At September 30, 2008, excluding the SOP 03-3 portfolio, loans with greater than 90 percent refreshed CLTV comprised 17 percent of the portfolio and those with refreshed FICO scores lower than 620 represented 20 percent of the portfolio. California represented 32 percent of the portfolio and 30 percent of the nonperforming loans while Florida represented 11 percent of the portfolio and 13 percent of the nonperforming loans at September 30, 2008. The Los Angeles-Long Beach-Santa Ana MSA within California made up 14 percent of outstanding discontinued real estate loans at September 30, 2008.

Pay option ARMs 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 ten-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 loans 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 the loan s principal balance to reach a certain level within the first 10 years of the loans, the payment is reset to the interest-only payment; then at the 10 -year point, the fully amortizing payment is required. Pay option ARMs and payment advantage ARMs are collectively referred to as pay option loans.

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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 to 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 s balance increases to a specified limit, which is 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.

## SOP 03-3 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 SOP 03-3. Evidence of credit quality deterioration as of the purchase date may include statistics such as past due status, refreshed borrower credit scores, and refreshed LTV, some of which are not immediately available as of the purchase date. We will continue to evaluate this information and other credit related information as it becomes available. SOP 03-3 addresses accounting for differences between contractual and expected cash flows to be collected from the Corporation sinitial investment in loans if those differences are attributable, at least in part, to credit quality. SOP 03-3 requires that acquired impaired loans be recorded at fair value and prohibits carrying over or the creation of valuation allowances in the initial accounting for loans acquired that are within the scope of this SOP. The SOP 03-3 portfolio associated with the acquisition of LaSalle did not materially impact results at and during the three and nine months ended September 30, 2008 and is excluded from the following discussion.

In accordance with SOP 03-3, certain acquired loans of Countrywide that were considered impaired were written down to fair value at the acquisition date. As a result, the reported net charge-offs on these loans are significantly lower than historical levels as the initial fair value at acquisition date would have already considered the estimated credit losses on these loans. As of September 30, 2008 the carrying value and the unpaid principal balance of these loans was $\$ 39.9$ billion and $\$ 52.8$ billion. SOP 03-3 does not apply to loans Countrywide previously securitized as they are not held on the Corporation s Balance Sheet. During the three months ended September 30, 2008 had the acquired portfolio not been subject to SOP 03-3, we would have recorded additional net charge-offs of $\$ 1.5$ billion before consideration of conforming accounting adjustments to align the charge-off policies and practices of Countrywide with those of the Corporation. These charge-offs are in line with our expectations. For further information regarding loans accounted for in accordance with SOP 03-3 see Note 6 Outstanding Loans and Leases to the Consolidated Financial Statements.

In the paragraphs below we provide additional information on the residential mortgage, home equity and discontinued real estate loans that were accounted for under SOP 03-3. Since these loans were written down to fair value upon acquisition, we are reporting this information separately. In certain cases we supplement the reported statistics on these SOP 03-3 portfolios with information that is presented as if the acquired loans had not been subject to SOP 03-3.

## Residential Mortgage

The residential mortgage SOP 03-3 portfolio outstandings were $\$ 7.3$ billion at September 30, 2008 and comprised 18 percent of the total SOP 03-3 portfolio. Those loans with a refreshed FICO score lower than 620 represented 27 percent of the residential mortgage SOP 03-3 portfolio at September 30, 2008. Refreshed LTV s greater than 90 percent represented 33 percent of the residential mortgage portfolio after consideration of purchase accounting adjustments. Refreshed LTVs greater than 90 percent based on the unpaid principal balance represented 80 percent of the residential mortgage portfolio at September 30, 2008.

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California represented approximately 52 percent of the outstanding residential mortgage SOP 03-3 portfolio and Florida represented approximately eight percent at September 30, 2008. Had the acquired portfolio not been subject to SOP 03-3 the residential mortgage portfolio would have recorded additional net charge-offs of $\$ 236$ million. The table below presents outstandings net of purchase accounting adjustments and net charge-offs had the portfolio not been subject to SOP 03-3, by certain state concentrations.

Table 22
SOP 03-3 Portfolio Residential Mortgage State Concentrations

| (Dollars in millions) | Septemb <br> Outst <br> Amount | 30, 2008 <br> dings <br> Percent of Total | SOP 03-3 Net <br> Charge-offs ${ }^{(1)}$ <br> Three Months Ended <br> September 30, 2008 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | \$ 3,795 | 51.7 | \% | \$ | 87 | 36.9 | \% |
| Florida | 547 | 7.5 |  |  | 59 | 25.0 |  |
| Virginia | 434 | 5.9 |  |  | 6 | 2.5 |  |
| Texas | 193 | 2.6 |  |  | 3 | 1.3 |  |
| Maryland | 190 | 2.6 |  |  | 3 | 1.3 |  |
| Other U.S. / Foreign | 2,180 | 29.7 |  |  | 78 | 33.0 |  |
| Total SOP 03-3 residential mortgage loans | \$ 7,339 | 100.0 | \% | \$ | 236 | 100.0 | \% |

${ }^{(1)}$ Represents additional net charge-offs for the three months ended September 30, 2008 had the portfolio not been subject to SOP 03-3.

## Home Equity

The home equity SOP 03-3 outstandings were $\$ 13.0$ billion at September 30, 2008 and comprised 33 percent of the total Countrywide SOP 03-3 portfolio. Those loans with a refreshed FICO score lower than 620 represented 17 percent of the home equity SOP 03-3 portfolio at September 30, 2008. Refreshed CLTVs greater than 90 percent represented 81 percent of the home equity portfolio after consideration of purchase accounting adjustments. Refreshed CLTVs greater than 90 percent based on the unpaid principal balance represented 90 percent of the home equity portfolio at September 30, 2008.

California represented approximately 36 percent of the outstanding home equity SOP 03-3 portfolio and Florida represented approximately six percent at September 30, 2008. Had the acquired portfolio not been subject to SOP 03-3 the home equity portfolio would have recorded additional net charge-offs of $\$ 772$ million. The table below presents outstandings net of purchase accounting adjustments and net charge-offs had the portfolio not been subject to SOP 03-3, by certain state concentrations.

Table 23
SOP 03-3 Portfolio Home Equity State Concentrations

|  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |

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## Discontinued Real Estate

The discontinued real estate SOP 03-3 portfolio outstandings were $\$ 19.7$ billion at September 30, 2008 and comprised 49 percent of the total Countrywide SOP 03-3 portfolio. Those loans with a refreshed FICO score lower than 620 represented 28 percent of the discontinued real estate SOP 03-3 portfolio at September 30, 2008. Refreshed CLTVs greater than 90 percent represented 23 percent of the discontinued real estate portfolio after consideration of purchase accounting adjustments. Refreshed CLTVs greater than 90 percent based on the unpaid principal balance represented 70 percent of the home equity portfolio at September 30, 2008.

California represented approximately 56 percent of the outstanding discontinued real estate SOP 03-3 portfolio and Florida represented approximately 10 percent at September 30, 2008. Had the acquired portfolio not been subject to SOP 03-3 the discontinued real estate portfolio would have recorded additional net charge-offs of $\$ 980$ million. The table below presents outstandings net of purchase accounting adjustments and net charge-offs had the portfolio not been subject to SOP 03-3, by certain state concentrations.

## Table 24

## SOP 03-3 Portfolio Discontinued Real Estate State Concentrations


(1) Represents additional net charge-offs for the three months ended September 30, 2008 had the portfolio not been subject to SOP 03-3.

At September 30, 2008 the unpaid principal balance of pay option loans was $\$ 25.1$ billion, including loans that were impaired at acquisition, with a carrying amount of $\$ 20.1$ billion, net of $\$ 5.0$ billion in purchase accounting writedowns in accordance with SOP 03-3. Total principal balance of pay option loans with accumulated negative amortization was $\$ 18.2$ billion, accumulated negative amortization from the original loan balance was $\$ 1.4$ billion and the percentage of borrowers electing to make only the minimum payment on option arms was 66 percent at September 30, 2008. We continue to evaluate our exposure to payment resets on the acquired negatively amortizing loans and have taken into consideration several assumptions regarding this evaluation (e.g., prepayment rates). We also continue to evaluate the potential for resets on the SOP 03-3 pay option portfolio. Based on our expectations four percent, 29 percent and 17 percent of the pay option loan portfolio is expected to be reset in 2009,2010 , and 2011 , respectively. Approximately eight percent is expected to be reset thereafter, and approximately 42 percent are expected to repay prior to being reset.

As we continue to evaluate and manage these SOP 03-3 portfolios, we will determine the appropriateness of including them as part of our current loss mitigation options including the $\$ 8.4$ billion in interest rate and principal reductions as part of the home retention program that was developed in conjunction with several state attorneys general to modify troubled mortgages. This program is in line with the Corporation s original expectations upon acquisition and will not impact the Corporation s purchase accounting adjustments. For more information see Recent Events beginning on page 62 .

## Credit Card Domestic

The consumer domestic credit card portfolio is managed in Card Services. Outstandings in the held domestic credit card loan portfolio decreased $\$ 2.8$ billion at September 30, 2008 compared to December 31, 2007 due primarily to an increase in securitized levels. Held domestic loans past due 90 days or more and still accruing interest increased $\$ 118$ million.

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Net charge-offs for the held domestic portfolio increased $\$ 382$ million to $\$ 1.1$ billion for the three months ended September 30, 2008, or 6.86 percent of total average held credit card domestic loans compared to 4.91 percent for the same period in 2007. For the nine months ended September 30, 2008, net charge-offs increased $\$ 592$ million to $\$ 2.9$ billion, or 6.20 percent of total average loans compared to 5.44 percent for the same period a year ago. These increases were reflective of the slowing economy including rising unemployment and higher bankruptcies particularly in geographic areas that have experienced the most significant home price declines.

Managed domestic credit card outstandings remained relatively flat at $\$ 151.1$ billion at September 30, 2008 compared to December 31, 2007. Managed net losses increased $\$ 936$ million to $\$ 2.6$ billion for the three months ended September 30, 2008, or 6.87 percent of total average managed domestic loans compared to 4.76 percent for the same period in 2007. For the nine months ended September 30, 2008, net losses increased $\$ 2.0$ billion to $\$ 7.1$ billion, or 6.24 percent of total average managed domestic loans compared to 4.91 percent for the same period a year ago. These increases were driven by the same factors as described in the held discussion above.

Our managed credit card domestic loan portfolio in the states of California and Florida represented in aggregate 24 percent of credit card domestic outstandings at September 30, 2008. These states represented 32 percent of the credit card domestic net losses for the three months ended September 30, 2008 and 30 percent for the nine months ended September 30, 2008. The table below presents asset quality indicators by certain state concentrations for the credit card domestic portfolio.

Table 25
Credit Card Domestic State Concentrations Managed Basis
Net Losses
Nine Months Ended
September 30, 2008
Percent of

Managed consumer credit card unused lines of credit, for both domestic and foreign credit card, totaled $\$ 824.6$ billion at September 30, 2008 compared to $\$ 848.7$ billion at December 31, 2007. The $\$ 24.1$ billion decrease was driven primarily by account management initiatives.

## Credit Card Foreign

The consumer foreign credit card portfolio is managed in Card Services. Outstandings in the held foreign credit card loan portfolio increased $\$ 3.4$ billion to $\$ 18.3$ billion at September 30, 2008 compared to December 31, 2007 primarily due to a lower level of securitizations. Net charge-offs for the held foreign portfolio increased $\$ 52$ million to $\$ 148$ million for the three months ended September 30, 2008, or 3.46 percent of total average held credit card foreign loans compared to 3.19 percent for the same period in 2007. For the nine months ended September 30, 2008, net charge-offs increased $\$ 119$ million to $\$ 389$ million, or 3.19 percent of total average held credit card foreign loans compared to 3.09 percent for the same period in 2007. The increases were driven primarily by seasoning of the portfolio, reflective of growth and a lower level of securitizations in 2008.

Managed foreign credit card outstandings increased $\$ 451$ million to $\$ 32.3$ billion at September 30, 2008 compared to December 31, 2007 due to organic growth partially offset by the strengthening of the U.S. dollar against certain foreign currencies. Net losses for the managed foreign portfolio increased $\$ 36$ million to $\$ 353$ million for the three months ended September 30, 2008, or 4.21 percent of total average managed credit card foreign loans compared to 4.24 percent for the same period in 2007. For the nine months ended September 30, 2008, net losses increased $\$ 62$ million to $\$ 994$ million, or 4.06 percent of total average managed credit card foreign loans compared to 4.31 percent for the same period in 2007. The increases in the net losses were driven by seasoning of the portfolio, reflective of growth. The decreases in the loss rates were driven primarily by a higher rate of loan growth and higher recoveries in the Canadian portfolio.

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## Direct/Indirect Consumer

At September 30, 2008, approximately 48 percent of the direct/indirect portfolio was included in Business Lending (automotive, marine, motorcycle and recreational vehicle loans), 38 percent was included in $G C S B B$ (unsecured personal loans, student and other non-real estate secured) and the remainder was included in GWIM (principally other non-real estate secured and unsecured personal loans).

Outstanding loans and leases increased $\$ 6.3$ billion at September 30, 2008 compared to December 31, 2007 due to growth in the Card Services unsecured lending product and purchases of automobile loan portfolios partially offset by the securitization of automobile loans. Loans past due 90 days or more and still accruing interest increased $\$ 368$ million. Net charge-offs increased $\$ 492$ million to $\$ 845$ million for the three months ended September 30, 2008, or 3.94 percent of total
average held direct/indirect loans compared to 1.92 percent for the same period in 2007. For the nine months ended September 30, 2008, net charge-offs increased $\$ 1.1$ billion to $\$ 2.1$ billion, or 3.35 percent of total average held direct/indirect compared to 1.75 percent for the same period in 2007. The increases in loans past due 90 days or more and still accruing interest and net charge-offs were concentrated in the Card Services unsecured lending portfolio, driven by recent portfolio deterioration reflecting the effects of a slowing economy particularly in states most impacted by the slowdown in housing, notably California and Florida, and seasoning of the portfolio, reflective of growth.

Direct/Indirect consumer loans to borrowers in the state of California represented 13 percent of total direct/indirect consumer loans at September 30, 2008. In addition, direct/indirect consumer loans to borrowers in the state of Florida represented nine percent of the total direct/indirect consumer portfolio at September 30, 2008. In aggregate, California and Florida represented 30 percent of the net charge-offs for both the three and nine months ended September 30, 2008. The table below presents asset quality indicators by certain state concentrations for the direct/indirect consumer loan portfolio.

Table 26
Direct/Indirect State Concentrations


At September 30, 2008, approximately 72 percent of the other consumer portfolio was associated with portfolios from certain consumer finance businesses that we have previously exited and is included in All Other. The remainder consisted of the foreign consumer loan portfolio which is mostly included in Card Services and deposit overdrafts. Net charge-offs increased $\$ 28$ million and $\$ 93$ million for the three and nine months ended September 30, 2008 from the same period a year ago driven by deposit overdraft net charge-offs reflecting a higher average balance per account and account growth.

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## Nonperforming Consumer Assets Activity

Table 27 presents nonperforming consumer assets activity during the most recent five quarters. Total net additions to nonperforming loans and leases in the third quarter of 2008 were $\$ 1.6$ billion compared to $\$ 761$ million in the second quarter of 2008. In both periods, these net additions were driven by the residential mortgage and home equity portfolios reflective of the weakening housing markets, the slowing economy, seasoning of the portfolio, reflective of growth and to a lesser extent the CRA portfolio, which represented approximately 23 percent of the net increase in nonperforming loans at September 30, 2008. The increase in foreclosed properties of $\$ 1.2$ billion was driven by the addition of Countrywide. Nonperforming loans do not include acquired loans that were considered impaired and written down to fair value at the acquisition date in accordance with SOP 03-3 as of September 30, 2008 as the loans accrete interest.

Table 27

## Nonperforming Consumer Assets Activity ${ }^{(1)}$



[^24][^25]
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(3) Our policy is not to classify consumer credit card and consumer non-real estate loans and leases as nonperforming; therefore, the charge-offs on these loans have no impact on nonperforming activity.
${ }^{(4)}$ Our policy is to record any losses in the value of foreclosed properties as a reduction in the allowance for credit losses during the first 90 days after transfer of a loan into foreclosed properties. Thereafter, all losses in value are recorded as noninterest expense. New foreclosed properties in the table above are net of the charge-offs taken during the first 90 days after transfer.

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## 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 their financial position. As part of the overall credit risk assessment of a borrower or counterparty, most of 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. If necessary, risk ratings are adjusted to reflect changes in the financial condition, cash flow or financial situation of a borrower or counterparty. We use risk rating aggregations to measure and evaluate concentrations within portfolios. Risk ratings are a factor in determining the level of assigned economic capital and the allowance for credit losses. 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.

For information on our accounting policies regarding delinquencies, nonperforming status and charge-offs for the commercial portfolio, see Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form $10-\mathrm{K}$.

## Management of Commercial Credit Risk Concentrations

Commercial credit risk is evaluated and managed with a 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 and customer relationship. Distribution of loans and leases by loan size is an additional measure of the portfolio risk diversification. We also review, measure, and manage commercial real estate loans by geographic location and property type. In addition, within our international portfolio, we evaluate borrowings by region and by country. Tables $30,32,34$, and 38 summarize our concentrations. Additionally, we utilize the syndication of exposure to third parties, loan sales, hedging and other risk mitigation techniques to manage the size and risk profile of the portfolio.

From the perspective of portfolio risk management, customer concentration management is most relevant in GCIB. Within that segment s Business Lending and CMAS businesses, we facilitate bridge financing (high grade debt, high yield debt, CMBS and equity) to fund acquisitions, recapitalizations and other short-term needs as well as provide syndicated financing for our clients. These concentrations are managed in part through our established originate to distribute strategy. These client transactions are sometimes large and leveraged. They can also have a higher degree of risk as we are providing offers or commitments for various components of the clients capital structures, including lower rated unsecured and subordinated debt tranches and/or equity. In many cases, these offers to finance will not be accepted. If accepted, these conditional commitments are often retired prior to or shortly following funding via the placement of securities, syndication or the client s decision to terminate. Where we have a binding commitment and there is a market disruption or other unexpected event, there may be heightened exposure in the portfolios and forward calendar, and a higher potential for writedown or loss unless the terms of the commitment can be modified and/or an orderly disposition of the exposure can be made.

The Corporation s share of the leveraged finance and CMBS forward calendars was $\$ 2.3$ billion and $\$ 700$ million at September 30, 2008 compared to $\$ 12.2$ billion and $\$ 2.2$ billion at December 31, 2007. Funded leveraged finance and CMBS exposure both of which are included in assets held-for-sale totaled $\$ 4.3$ billion and $\$ 7.5$ billion at September 30, 2008 compared to $\$ 6.1$ billion and $\$ 13.6$ billion at December 31, 2007. The funded CMBS debt consisted of $\$ 6.5$ billion of floating-rate financings, most of which were acquisition-related financing to major, well known operating companies. Net writedowns and losses on sales totaled $\$ 293$ million, net of fees and hedges, comprised of $\$ 145$ million related to leveraged finance and $\$ 148$ million related to these CMBS were taken during the three months ended September 30, 2008 on both funded and forward calendar commitments to reflect the current market prices, where available, or the estimated price at which the exposures could be distributed in the market. Pre-market disruption exposure originated prior to September 30, 2007, included in the leveraged finance forward calendar, all of which was funded, amounted to $\$ 4.2$ billion at September 30, 2008 compared to $\$ 10.7$ billion for the leveraged finance forward calendar and $\$ 6.1$ billion for the funded portfolio at December 31, 2007. We have not originated any material CMBS exposures subsequent to September 30, 2007.

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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), which exceed our single name credit risk concentration guidelines at fair value in accordance with SFAS 159. Any fair value adjustment upon origination and subsequent changes in the fair value of these loans and unfunded commitments are recorded in other income. By including the credit risk of the borrower in the fair value adjustments, any credit deterioration or improvement is recorded immediately as part of the fair value adjustment. As a result, the allowance for loan and lease losses and the reserve for unfunded lending commitments are not used to capture credit losses inherent in these nonperforming or impaired loans and unfunded commitments. The Commercial Credit Portfolio tables have been modified to exclude loans and unfunded commitments that are carried at fair value and to adjust related ratios. See the Commercial Loans Measured at Fair Value section on page 144 for more information on the performance of these loans and loan commitments and see Note 16 Fair Value Disclosures to the Consolidated Financial Statements for additional information on our SFAS 159 elections.

## Commercial Credit Portfolio

Commercial credit quality indicators continued to deteriorate from historically low levels for the three and nine months ended September 30, 2008 due to the weakness in the housing and financial markets. The commercial nonperforming loan ratio increased to 1.45 percent at September 30, 2008 compared to 0.67 percent at December 31, 2007 driven by the continued deterioration in the homebuilder sector within commercial real estate. The commercial utilized criticized exposure ratio, excluding assets held for sale and assets in the fair value portfolio, increased to 7.32 percent at September 30, 2008 from 4.18 percent at December 31, 2007, rising from very low 2007 levels. The increase was driven by commercial real estate (largely homebuilders), continued deterioration in reservable exposure across various other portfolios within $G C I B$ and non-reservable mark-to-market derivative assets. In addition, the increase in utilized criticized exposure was partially driven by the legacy LaSalle portfolio.

Table 28 presents our commercial loans and leases, and related credit quality information at September 30, 2008 and December 31, 2007.

Table 28
Commercial Loans and Leases


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Table 29 presents our commercial net charge-offs and net charge-off ratios for the three and nine months ended September 30, 2008 and 2007. The loans and leases net charge-off ratio increased to 1.13 percent and 0.89 percent for the three and nine months ended September 30, 2008 compared to a net charge-off ratio of 0.42 percent and 0.37 percent for the same periods in 2007 . The increase was principally attributable to higher net charge-offs in our small business portfolio in GCSBB and the homebuilder loan portfolio in GCIB primarily driven by the impacts of a slowing economy, particularly in geographic areas that have experienced the most significant housing declines. Excluding small business commercial domestic the total commercial net charge-off ratio was 0.54 percent and 0.36 percent for the three and nine months ended September 30, 2008, compared to a net charge-off ratio of 0.05 percent and 0.04 percent for the three and nine months ended September 30, 2007, primarily due to higher net charge-offs in the homebuilder loan portfolio in GCIB reflecting the impacts of a slowing economy, particularly in geographic areas that have experienced the most significant home price declines. Commercial domestic net charge-offs also increased from very low prior year levels.

Table 29
Commercial Net Charge-offs and Net Charge-off Ratios

|  |  |  | arge-offs |  |  |  | Net Charge | e-of | ff | (1) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Sept | Months E ember 30 | dNine Mo Septe | nths Ended mber 30 | Three Se | $\begin{aligned} & \text { Mon } \\ & \text { ptem } \end{aligned}$ | ths Ended ber 30 |  | Nine S | Mor epten | ths End ber 30 |  |
| (Dollars in millions) | 2008 | 2007 | 2008 | 2007 | 2008 |  | 2007 |  | 2008 |  | 2007 |  |
| Commercial domestic ${ }^{(2)}$ | \$ 117 | \$ 11 | \$ 264 | \$ 64 | 0.23 | \% | 0.03 | \% | 0.18 | \% | 0.06 | \% |
| Commercial real estate | 262 | 28 | 505 | 30 | 1.65 |  | 0.28 |  | 1.08 |  | 0.11 |  |
| Commercial lease financing | 8 | (3) | 29 | (15) | 0.13 |  | (0.07) |  | 0.17 |  | (0.10) |  |
| Commercial foreign | 46 | (4) | 44 | (1) | 0.56 |  | (0.06) |  | 0.18 |  | (0.01) |  |
|  | 433 | 32 | 842 | 78 | 0.54 |  | 0.05 |  | 0.36 |  | 0.04 |  |
| Small business commercial domestic ${ }^{(3)}$ | 527 | 239 | 1,368 | 598 | 10.64 |  | 5.38 |  | 9.23 |  | 4.82 |  |
| Total commercial net charge-offs | \$ 960 | \$ 271 | \$ 2,210 | \$ 676 | 1.13 |  | 0.42 |  | 0.89 |  | 0.37 |  |

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Table 30 presents commercial credit exposure by type for utilized, unfunded and total binding committed credit exposure. The increase in standby letters of credit and financial guarantees of $\$ 12.9$ billion was centered in Business Lending primarily concentrated in government and healthcare provider related industries. The increase in derivative assets of $\$ 11.1$ billion was centered in interest rate swaps, foreign exchange contracts and credit derivatives, and was driven by the strengthening of the U.S. dollar against certain foreign currencies, and widening credit spreads. The decrease of $\$ 12.2$ billion in assets held-for-sale was driven primarily by distributions and sales as well as a commercial mortgage-backed securitization which occurred during the first quarter of 2008. For more information on our credit derivatives, see Industry Concentrations beginning on page 146 and for more information on our funded leveraged finance and CMBS exposures refer to Management of Commercial Credit Risk Concentrations on page 137.

## Table 30

## Commercial Credit Exposure by Type

|  | Commercial Utilized ${ }^{(1,2)}$ December 31 |  |  | Commercial Unfunded ${ }^{(3,4)}$ |  |  |  | Total Commercial Committed December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | September 30 <br> 2008 |  | 2007 |  | $\begin{gathered} \text { ptember } 30 \\ 2008 \end{gathered}$ |  | $\begin{gathered} \text { ecember } 31 \\ 2007 \end{gathered}$ |  | $\begin{aligned} & \text { tember } 30 \\ & 2008 \end{aligned}$ |  | 2007 |
| Loans and leases | \$ 343,789 | \$ | 325,143 | \$ | 310,354 | \$ | 329,396 | \$ | 654,143 | \$ | 654,539 |
| Standby letters of credit and financial guarantees | 71,091 |  | 58,747 |  | 4,556 |  | 4,049 |  | 75,647 |  | 62,796 |
| Derivative assets ${ }^{(5)}$ | 45,792 |  | 34,662 |  | - |  | - |  | 45,792 |  | 34,662 |
| Assets held-for-sale ${ }^{(6)}$ | 15,518 |  | 26,475 |  | 219 |  | 1,489 |  | 15,737 |  | 27,964 |
| Commercial letters of credit | 4,333 |  | 4,413 |  | 762 |  | 140 |  | 5,095 |  | 4,553 |
| Bankers acceptances | 3,746 |  | 2,411 |  | 52 |  | 2 |  | 3,798 |  | 2,413 |
| Foreclosed properties | 176 |  | 75 |  | - |  | - |  | 176 |  | 75 |
| Total commercial credit exposure | \$ 484,445 | \$ | 451,926 | \$ | 315,943 | \$ | 335,076 | \$ | 800,388 | \$ | 787,002 |

${ }^{(1)}$ Exposure includes standby letters of credit, financial guarantees, commercial letters of credit and bankers acceptances for which the bank is legally bound to advance funds under prescribed conditions, during a specified period. Although funds have not been advanced, these exposure types are considered utilized for credit risk management purposes.
(2) Total commercial utilized exposure includes loans and issued letters of credit measured at fair value in accordance with SFAS 159 and is comprised of loans outstanding of $\$ 5.4$ billion and $\$ 4.6$ billion, and letters of credit at notional value of $\$ 1.3$ billion and $\$ 1.1$ billion at September 30, 2008 and December 31, 2007.
(3) Total commercial unfunded exposure includes loan commitments measured at fair value in accordance with SFAS 159 with a notional value of $\$ 16.0$ billion and $\$ 19.8$ billion at September 30, 2008 and December 31, 2007.
(4) Excludes unused business card lines which are not legally binding.
(5) Derivative assets are reported on a mark-to-market basis, reflect the effects of legally enforceable master netting agreements, and have been reduced by cash collateral of $\$ 18.1$ billion and $\$ 12.8$ billion at September 30, 2008 and December 31, 2007. In addition to cash collateral, derivative assets are also collateralized by $\$ 4.0$ billion and $\$ 8.5$ billion of primarily other marketable securities at September 30, 2008 and December 31, 2007 for which credit risk has not been reduced.
(6) Total commercial committed exposure consists of $\$ 12.4$ billion and $\$ 23.9$ billion of commercial LHFS exposure (e.g., commercial mortgage and leveraged finance) and $\$ 3.3$ billion and $\$ 4.1$ billion of investments held-for-sale exposure at September 30, 2008 and December 31, 2007.

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Table 31 presents commercial utilized reservable criticized exposure by product type and other utilized non-reservable criticized exposure. Total commercial utilized criticized exposure, excluding assets held-for-sale and the fair value portfolio, increased $\$ 16.3$ billion, or 93 percent from December 31, 2007, primarily due to increases in commercial domestic reflecting deterioration across various industries and commercial real estate reflecting the housing markets weakness on the homebuilder sector of the portfolio. The increase in other utilized non-reservable criticized exposure was driven by a combination of downgrades on certain credit derivative assets and an increase in the positive mark-to-market on such positions. The table below excludes utilized criticized exposure related to assets held-for-sale of $\$ 3.5$ billion and $\$ 2.9$ billion at September 30, 2008 and December 31, 2007 and other utilized criticized exposure measured at fair value in accordance with SFAS 159 of $\$ 1.1$ billion at both September 30, 2008 and December 31, 2007. See Commercial Loans Measured at Fair Value on page 144 for a discussion of the fair value portfolio. Criticized assets in the held-for-sale portfolio, are carried at fair value or the lower of cost or market, including bridge exposure of $\$ 2.8$ billion and $\$ 2.3$ billion at September 30, 2008 and December 31, 2007 which are funded in the normal course of our Business Lending and CMAS businesses and are managed in part through our originate to distribute strategy (see Management of Commercial Credit Risk Concentrations beginning on page 137 for more information on bridge financing).

## Table 31

## Commercial Utilized Criticized Exposure ${ }^{(1)}$

| (Dollars in millions) | September 30, 2008 |  | December 31, 2007 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Percent ${ }^{(2)}$ |  | Amount | Percent (2) |  |
| Commercial domestic ${ }^{(3)}$ | \$ 15,441 | 5.89 | \% | \$ 8,537 | 3.55 | \% |
| Commercial real estate | 12,028 | 17.29 |  | 6,750 | 10.25 |  |
| Commercial lease financing | 1,131 | 5.05 |  | 594 | 2.63 |  |
| Commercial foreign | 1,206 | 2.82 |  | 449 | 1.23 |  |
|  | 29,806 | 7.51 |  | 16,330 | 4.47 |  |
| Small business commercial domestic | 1,203 | 6.17 |  | 846 | 4.37 |  |
| Commercial utilized reservable criticized exposure ${ }^{(4)}$ | 31,009 | 7.45 |  | 17,176 | 4.46 |  |
| Other utilized non-reservable criticized exposure ${ }^{(5)}$ | 2,828 | 6.16 |  | 368 | 1.06 |  |
| Total commercial utilized criticized exposure excluding assets-held-for-sale and the fair value portfolio | \$ 33,837 | 7.32 |  | \$ 17,544 | 4.18 |  |

(1) Criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories defined by regulatory authorities. Balances and ratios have been adjusted to exclude assets held-for-sale and exposure measured at fair value in accordance with SFAS 159 at September 30, 2008 and December 31, 2007.
(2) Ratios are calculated as commercial utilized criticized exposure divided by total commercial utilized exposure for each exposure category.
(3) Excludes small business commercial domestic exposure.

[^28](5) Other utilized non-reservable criticized exposure includes derivative assets and foreclosed properties.

## Commercial Domestic

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At September 30, 2008, approximately 88 percent of the commercial domestic portfolio, excluding small business, was included in GCIB, primarily in Business Lending (business banking, middle market and large multinational corporate loans and leases) and CMAS (acquisition and bridge financing and institutional investor services). The remaining 12 percent was mostly in GWIM (business-purpose loans for wealthy individuals). Outstanding commercial domestic loans increased $\$ 10.9$ billion to $\$ 199.9$ billion at September 30, 2008 compared to December 31, 2007 driven by increased margin loans in CMAS and growth in Business Lending and GWIM, partially offset by the sale of our equity prime brokerage business during the quarter. Nonperforming commercial domestic loans increased $\$ 714$ million to $\$ 1.6$ billion from December 31, 2007. Net charge-offs were up $\$ 106$ million and $\$ 200$ million, for the three and nine months ended September 30, 2008. Criticized utilized commercial domestic reservable exposure, increased $\$ 6.9$ billion from December 31, 2007, to $\$ 15.4$ billion primarily driven by deterioration across various portfolios within GCIB. Additionally, commercial domestic drove the increase in other utilized non-reservable criticized exposure, primarily mark-to-market derivative assets. The increases in nonperforming loans, net charge-offs and utilized criticized exposure were broad-based in terms of borrowers and industries and were up from very low levels in 2007.

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## Commercial Real Estate

The commercial real estate portfolio is mostly managed in Business Lending and consists of loans issued primarily to public and private developers, homebuilders and commercial real estate firms. Outstanding loans and leases increased $\$ 2.4$ billion to $\$ 63.7$ billion at September 30, 2008 compared to December 31, 2007 primarily driven by funding of previous commitments in the California, Southeast and Southwest regions as well as growth in industrial/warehouse, shopping centers/retail, office buildings, multiple use and hotels/motels. This growth was partially offset by decreases in residential and other property types.

Nonperforming commercial real estate loans increased $\$ 2.0$ billion to $\$ 3.1$ billion and utilized criticized reservable exposure increased $\$ 5.3$ billion to $\$ 12.0$ billion from December 31, 2007 attributable to the continuing impact of the housing slowdown on the homebuilder sector. Net charge-offs were $\$ 262$ million and $\$ 505$ million for the three and nine months ended September 30, 2008, increases of $\$ 234$ million and $\$ 475$ million from the prior year driven almost entirely by the homebuilder sector. Nonperforming assets and utilized criticized exposure in the homebuilder sector were $\$ 2.7$ billion and $\$ 8.3$ billion respectively, at September 30, 2008, compared to $\$ 829$ million and $\$ 5.4$ billion at December 31, 2007. At September 30, 2008, we had homebuilder-related utilized exposure of $\$ 13.0$ billion and commercial committed exposure of $\$ 18.4$ billion most of which is well-collateralized. The utilized criticized ratio and the nonperforming asset ratio for the homebuilder sector was 63.13 percent and 21.17 percent at September 30, 2008 compared to 38.47 percent and 6.11 percent at December 31, 2007. Assets held-for-sale associated with commercial real estate decreased $\$ 6.1$ billion to $\$ 7.7$ billion at September 30, 2008 compared to December 31, 2007, driven by distributions and sales as well as a commercial mortgage-backed securitization which occurred during the first quarter of 2008. Refer to Management of Commercial Credit Risk Concentrations on page 137 for a discussion of our CMBS exposure.

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Table 32 presents outstanding commercial real estate loans by geographic region and property type diversification.

Table 32
Outstanding Commercial Real Estate Loans ${ }^{(1)}$

|  | September 30 |  | December 31 |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | 2008 |  | 2007 |  |
| By Geographic Region ${ }^{(2)}$ |  |  |  |  |
| California | \$ | 10,868 | \$ | 9,683 |
| Northeast |  | 8,963 |  | 8,978 |
| Midwest |  | 8,053 |  | 8,005 |
| Southeast |  | 7,314 |  | 6,490 |
| Southwest |  | 6,349 |  | 5,610 |
| Illinois |  | 6,172 |  | 6,835 |
| Florida |  | 5,104 |  | 4,908 |
| Midsouth |  | 3,187 |  | 2,912 |
| Northwest |  | 2,942 |  | 2,644 |
| Other |  | 1,560 |  | 2,190 |
| Geographically diversified ${ }^{(3)}$ |  | 2,390 |  | 2,282 |
| Non-U.S. |  | 1,047 |  | 1,065 |
| Total outstanding commercial real estate loans ${ }^{(4)}$ | \$ | 63,949 | \$ | 61,602 |
| By Property Type |  |  |  |  |
| Office buildings | \$ | 9,902 | \$ | 8,745 |
| Shopping centers/retail |  | 9,736 |  | 8,440 |
| Residential |  | 8,951 |  | 10,478 |
| Apartments |  | 7,861 |  | 7,615 |
| Industrial/warehouse |  | 7,046 |  | 5,419 |
| Land and land development |  | 6,196 |  | 6,286 |
| Multiple use |  | 2,781 |  | 1,689 |
| Hotels/motels |  | 2,573 |  | 1,535 |
| Other ${ }^{(5)}$ |  | 8,903 |  | 11,395 |
| Total outstanding commercial real estate loans ${ }^{(4)}$ | \$ | 63,949 | \$ | 61,602 |

(1) 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.
(2) Distribution is based on geographic location of collateral. Geographic regions are in the U.S. unless otherwise noted.
(3) The geographically diversified category is comprised primarily of unsecured outstandings to real estate investment trusts and national home builders whose portfolios of properties span multiple geographic regions.
(4) Includes commercial real estate loans measured at fair value in accordance with SFAS 159 of $\$ 213$ million and $\$ 304$ million at September 30 , 2008 and December 31, 2007.
${ }^{(5)}$ Represents loans mainly to borrowers whose primary business is commercial real estate, but the exposure is not secured by the listed property types.

## Commercial Foreign

The commercial foreign portfolio is managed primarily in Business Lending and CMAS. Outstanding loans increased $\$ 4.6$ billion to $\$ 33.0$ billion at September 30, 2008 compared to December 31, 2007 driven by organic growth combined with strengthening the U.S. dollar against foreign currencies. Criticized utilized reservable exposure increased $\$ 757$ million to $\$ 1.2$ billion. Net charge-offs of $\$ 46$ million and $\$ 44$ million mainly in our large corporate portfolio predominately related to two borrowers for the three and nine months ended September 30 , 2008 compared to net recoveries of $\$ 4$ million and $\$ 1$ million for the same periods in 2007 . For additional information on the commercial foreign portfolio, refer to the Foreign Portfolio discussion beginning on page 149 .

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## Small Business Commercial Domestic

The small business commercial domestic portfolio (business card and small business loans) is managed in GCSBB. Outstanding small business commercial domestic loans increased $\$ 143$ million to $\$ 19.4$ billion at September 30, 2008 compared to December 31, 2007 driven by organic growth in the small business card portfolio. Approximately 60 percent of the small business commercial domestic outstanding loans at September 30, 2008 were credit card related products. Nonperforming small business commercial domestic loans increased $\$ 31$ million to $\$ 183$ million at September 30, 2008 compared to December 31, 2007, loans past due 90 days or more and still accruing interest increased $\$ 171$ million to $\$ 598$ million and criticized reservable exposure increased $\$ 357$ million, to $\$ 1.2$ billion, or 6.17 percent at September 30, 2008 compared to 4.37 percent, at December 31, 2007. Small business commercial domestic net charge-offs were up $\$ 288$ million, to $\$ 527$ million, or 10.64 percent for the three months ended September 30, 2008 compared to 5.38 percent for the same period in 2007. For the nine months ended September 30, 2008, net charge-offs increased $\$ 770$ million to $\$ 1.4$ billion, or 9.23 percent of small business commercial domestic net charge-offs compared to 4.82 percent for the same period in 2007. Approximately 75 percent of the small business commercial domestic net charge-offs for the three and nine months ended September 30, 2008 were credit card related products. The increases in nonperforming loans, loans past due 90 days or more and still accruing interest and net charge-off levels were primarily driven by the impacts of a slowing economy, particularly in geographic areas that have experienced the most significant housing declines and portfolio seasoning reflective of growth in these businesses.

## Commercial Loans Measured at Fair Value

The commercial loans measured at fair value portfolio are managed in CMAS. At September 30, 2008, outstanding commercial loans measured at fair value increased $\$ 793$ million to an aggregate fair value of $\$ 5.4$ billion recorded in loans and leases and included commercial domestic loans, excluding small business, of $\$ 4.0$ billion, commercial foreign loans of $\$ 1.2$ billion and commercial real estate loans of $\$ 213$ million. We recorded net losses of $\$ 182$ million and $\$ 250$ million in other income resulting from changes in the fair value of the loan portfolio during the three and nine months ended September 30, 2008 compared to losses of $\$ 79$ million and $\$ 78$ million for the three and nine months ended September 30, 2007. These losses were primarily attributable to changes in instrument-specific credit risk and were predominately offset by hedging activities. At September 30, 2008 and December 31, 2007 none of these loans were 90 days or more past due and still accruing interest or had been placed on nonaccrual status. Utilized criticized exposure in the fair value portfolio remained flat at $\$ 1.1$ billion at September 30, 2008 compared to December 31, 2007.

In addition, unfunded lending commitments and letters of credit had an aggregate fair value of $\$ 716$ million and $\$ 660$ million at September 30, 2008 and December 31, 2007 and were recorded in accrued expenses and other liabilities. The associated aggregate notional amount of unfunded lending commitments and letters of credit subject to fair value treatment was $\$ 17.3$ billion and $\$ 20.9$ billion at September 30, 2008 and December 31, 2007. Net losses resulting from changes in fair value of commitments and letters of credit of $\$ 5$ million and $\$ 64$ million were recorded in other income during the three and nine months ended September 30, 2008 compared to losses of $\$ 61$ million and $\$ 102$ million for the same periods in 2007. These losses were primarily attributable to changes in instrument-specific credit risk and were predominately offset by hedging activities.

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## Nonperforming Commercial Assets Activity

Table 33 presents the additions and reductions to nonperforming assets in the commercial portfolio during the most recent five quarters. The increase in nonaccrual loans and leases for the third quarter of 2008 was primarily attributable to continuing deterioration in our homebuilder portfolio.

## Table 33

## Nonperforming Commercial Assets Activity ${ }^{(1,2,3)}$

| (Dollars in millions) | Third First |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Quarter } \\ & 2008 \end{aligned}$ | Second Quarter 2008 | $\begin{gathered} \text { Quarter } \\ 2008 \end{gathered}$ | Fourth Quarter 2007 | Third Quarter 2007 |
| Nonperforming loans and leases |  |  |  |  |  |
| Balance, beginning of period | \$ 3,936 | \$ 2,874 | \$ 2,155 | \$ 1,140 | \$ 824 |
| Additions to nonperforming loans and leases: |  |  |  |  |  |
| New nonaccrual loans and leases | 1,969 | 1,714 | 1,399 | 1,542 | 583 |
| Advances | 28 | 38 | 21 | 62 | 6 |
| Reductions in nonperforming loans and leases: |  |  |  |  |  |
| Paydowns and payoffs | (371) | (345) | (383) | (249) | (155) |
| Sales | (19) | (12) |  | (33) | (1) |
| Returns to performing status ${ }^{(4)}$ | (29) | (32) | (29) | (130) | (21) |
| Charge-offs ${ }^{(5)}$ | (495) | (248) | (261) | (134) | (86) |
| Transfers to foreclosed properties | (84) | (53) | (28) | (43) | (10) |
| Transfers to loans held-for-sale | (13) |  |  |  |  |
| Total net additions to nonperforming loans and leases | 986 | 1,062 | 719 | 1,015 | 316 |
| Total nonperforming loans and leases, end of period | 4,922 | 3,936 | 2,874 | 2,155 | 1,140 |
| Foreclosed properties |  |  |  |  |  |
| Balance, beginning of period | 118 | 92 | 75 | 33 | 26 |
| Additions to foreclosed properties: |  |  |  |  |  |
| LaSalle balance, October 1, 2007 |  |  |  | 16 |  |
| New foreclosed properties | 84 | 53 | 28 | 43 | 10 |
| Reductions in foreclosed properties: |  |  |  |  |  |
| Sales | (19) | (25) | (8) | (16) |  |
| Writedowns | (7) | (2) | (3) | (1) | (3) |
| Total net additions to foreclosed properties | 58 | 26 | 17 | 42 | 7 |
| Total foreclosed properties, end of period | 176 | 118 | 92 | 75 | 33 |
| Nonperforming commercial assets, end of period | \$ 5,098 | \$ 4,054 | \$ 2,966 | \$ 2,230 | \$ 1,173 |
| Nonperforming commercial loans and leases as a percentage of outstanding commercial loans and leases ${ }^{(6)}$ | 1.45\% | 1.15\% | 0.89\% | 0.67\% | 0.43\% |
| Nonperforming commercial assets as a percentage of outstanding commercial loans and leases and foreclosed properties ${ }^{(6)}$ | 1.51 | 1.19 | 0.91 | 0.70 | 0.44 |

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${ }^{(3)}$ Includes small business commercial domestic activity.
${ }^{(4)}$ Commercial loans and leases may be restored to performing 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.
${ }^{(5)}$ Certain loan and lease products, including business card, are not classified as nonperforming; therefore, the charge-offs on these loans have no impact on nonperforming activity.
${ }^{(6)}$ Outstanding commercial loans and leases exclude loans measured at fair value in accordance with SFAS 159.

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## Industry Concentrations

Table 34 presents commercial committed and commercial utilized credit exposure by industry and the total net credit default protection purchased to cover the funded and the unfunded portion of certain credit exposure. Our commercial credit exposure is diversified across a broad range of industries.

Industry limits are used internally to manage industry concentrations and are based on committed exposure 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. The CRC oversees industry limits governance.

Total commercial committed credit exposure increased by $\$ 13.4$ billion, or two percent, at September 30, 2008 compared to December $31,2007$. Total commercial utilized credit exposure increased by $\$ 32.5$ billion, or seven percent, at September 30, 2008 compared to December 31 , 2007. The overall commercial credit utilization rate at September 30, 2008 increased to 61 percent compared to 57 percent at December 31 , 2007.

Real estate remains our largest industry concentration, accounting for 13 percent of total commercial committed exposure. The decrease of $\$ 6.5$ billion, or six percent, in real estate was driven primarily by a continuing decline in CMBS assets held-for-sale and a decrease in residential properties which includes homebuilders.

Diversified financials grew by $\$ 13.8$ billion, or 16 percent reflecting increases in capital markets exposure and consumer finance. More than half of this increase was driven by the addition of $\$ 4.4$ billion in asset backed commercial paper exposure and a $\$ 3.2$ billion fully committed secured credit facility with Merrill Lynch which is part of a larger bilaterally secured credit facility. For more information on the Merrill Lynch facilities, see Recent Events beginning on page 62. Consumer services increased $\$ 4.3$ billion, or 11 percent driven primarily by growth in education. Healthcare equipment and services increased $\$ 3.2$ billion or eight percent due to loan growth primarily to healthcare providers. Food, beverage and tobacco increased $\$ 2.9$ billion, or 11 percent due to growth in food products and a large syndicated transaction.

Monoline exposure is reported in the insurance industry and managed under the insurance portfolio industry limits. Direct loan exposure to monolines consisted of revolvers in the amount of $\$ 131$ million at September 30, 2008 and $\$ 203$ million at December 31, 2007. Net mark-to-market counterparty derivative credit exposure was $\$ 1.9$ billion at September 30, 2008 compared to $\$ 420$ million at December 31 , 2007. The increase in the net mark-to-market exposure was due to credit deterioration related to underlying counterparties and spread widening in both wrapped CDO and structured finance related exposures.

We have indirect exposure to monolines primarily in the form of guarantees supporting our loans, investment portfolios, securitizations, credit enhanced 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. In the case of default we first look to the underlying securities and then to recovery on the purchased insurance. See page 94 for discussion on our CDO exposure and related credit protection.

We also have indirect exposure as we invest in securities where the issuers have purchased wraps (i.e., insurance). For example, municipalities and corporations purchase protection in order to enhance their pricing power which has the effect of reducing their cost of borrowing. If the rating 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.

We have further exposure related to our public finance business where we are the lead manager or remarketing agent for transactions that are wrapped including ARS, tender option municipal bonds (TOBs), and variable rate demand notes (VRDNs). Recent concerns about monoline downgrades or insolvency have caused disruptions in each of these markets as investor concerns have impacted overall market liquidity and bond prices. We are the lead manager on municipal and, to a lesser extent, student loan ARS where a high percentage of the programs are wrapped by either monolines or other financial guarantors. We are the remarketing agent on TOBs and VRDN transactions and also provide commitments on approximately $\$ 14.7$ billion of VRDNs, which increased approximately $\$ 1.2$ billion in the third quarter, driven by the conversion by clients of ARS to VRDN structures, including those issued by municipalities and other organizations. These commitments obligate us to purchase the VRDNs in the event that they can not be remarketed or otherwise provide funding to the issuer, and are primarily held and reported in government and education related industry portfolios and managed under respective industry limits.

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In addition, at September 30, 2008, we also held trading account assets of approximately $\$ 1.8$ billion in ARS, $\$ 3.8$ billion in VRDNs and $\$ 1.1$ billion in TOBs acquired in connection with these activities. During the nine months ended September 30, 2008, we recorded losses of $\$ 715$ million on the ARS, primarily related to student loan-backed securities, including our commitment to repurchase ARS from certain clients as part of a settlement agreement with regulatory agencies. We no longer serve in our role as lead manager for these securities. We did not record any losses on the VRDNs and only minimal losses on the TOBs during the nine months ended September 30, 2008 as we continue to have liquidity exposure to these markets and instruments. As market conditions continue to evolve, these conditions may impact our results. For additional information on our liquidity exposure to TOBs, see the Municipal Bond Trusts and Corporate SPEs discussion within the Off- and On-Balance Sheet Arrangements discussion beginning on page 110.

Table 34
Commercial Credit Exposure by Industry ${ }^{(1,2)}$

| (Dollars in millions) | $\begin{gathered} \text { Commer } \\ \text { September } \\ 30 \\ 2008 \end{gathered}$ |  |  |  | Total Commercial Committed September |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { December } 31 \\ 2007 \end{gathered}$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Real estate ${ }^{(3)}$ | \$ | 77,955 | \$ | 81,260 | \$ | 105,287 | \$ | 111,742 |
| Diversified financials |  | 49,917 |  | 37,872 |  | 99,909 |  | 86,118 |
| Government and public education |  | 35,716 |  | 31,743 |  | 55,841 |  | 57,437 |
| Capital goods |  | 27,904 |  | 25,908 |  | 53,006 |  | 52,356 |
| Retailing |  | 32,372 |  | 32,401 |  | 52,332 |  | 54,037 |
| Healthcare equipment and services |  | 27,479 |  | 24,337 |  | 44,189 |  | 40,962 |
| Consumer services |  | 27,469 |  | 23,382 |  | 42,967 |  | 38,650 |
| Materials |  | 22,139 |  | 22,176 |  | 37,529 |  | 38,717 |
| Individuals and trusts |  | 24,071 |  | 22,323 |  | 34,067 |  | 32,425 |
| Commercial services and supplies |  | 21,698 |  | 21,175 |  | 31,773 |  | 31,858 |
| Banks |  | 25,636 |  | 21,261 |  | 30,699 |  | 35,323 |
| Food, beverage and tobacco |  | 14,899 |  | 13,919 |  | 28,624 |  | 25,701 |
| Energy |  | 12,226 |  | 12,772 |  | 23,557 |  | 23,510 |
| Media |  | 8,690 |  | 7,901 |  | 19,966 |  | 19,343 |
| Utilities |  | 7,549 |  | 6,438 |  | 18,998 |  | 19,281 |
| Transportation |  | 12,569 |  | 12,803 |  | 18,258 |  | 18,824 |
| Insurance |  | 9,377 |  | 7,162 |  | 16,924 |  | 16,014 |
| Religious and social organizations |  | 9,020 |  | 8,208 |  | 12,191 |  | 10,982 |
| Technology hardware and equipment |  | 3,889 |  | 4,615 |  | 10,871 |  | 10,239 |
| Consumer durables and apparel |  | 6,100 |  | 5,802 |  | 10,798 |  | 10,907 |
| Software and services |  | 4,268 |  | 4,739 |  | 10,130 |  | 10,128 |
| Pharmaceuticals and biotechnology |  | 3,326 |  | 4,349 |  | 9,336 |  | 8,563 |
| Telecommunication services |  | 3,851 |  | 3,475 |  | 8,214 |  | 8,235 |
| Food and staples retailing |  | 3,934 |  | 3,611 |  | 6,504 |  | 6,465 |
| Automobiles and components |  | 2,788 |  | 2,648 |  | 5,726 |  | 6,960 |
| Household and personal products |  | 1,168 |  | 889 |  | 2,935 |  | 2,776 |
| Semiconductors and semiconductor equipment |  | 1,036 |  | 1,140 |  | 1,782 |  | 1,734 |
| Other |  | 7,399 |  | 7,617 |  | 7,975 |  | 7,715 |
| Total commercial credit exposure by industry | \$ | 484,445 | \$ | 451,926 | \$ | 800,388 | \$ | 787,002 |
| Net credit default protection purchased on total commitments ${ }^{(4)}$ |  |  |  |  | \$ | $(8,914)$ | \$ | $(7,146)$ |

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Credit protection is purchased to cover the funded portion as well as the unfunded portion of certain credit exposure. 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.

At September 30, 2008 and December 31, 2007, we had net notional credit default protection purchased in our credit derivatives portfolio to cover the funded and unfunded portion of certain credit exposures of $\$ 8.9$ billion and $\$ 7.1$ billion. The mark-to-market impacts, including the cost of the net credit default protection hedging our credit exposure, resulted in net gains of $\$ 151$ million and $\$ 255$ million for the three and nine months ended September 30, 2008 compared to net gains (losses) of $\$ 38$ million and $\$(17)$ million in the same periods a year ago. The net gains for the three and nine months ended September 30, 2008 predominantly offset the losses recorded on loans and unfunded lending commitments measured at fair value. For further discussion see the Commercial Loans Measured at Fair Value section on page 144. The average VAR for our net credit default protection hedging our credit exposure was $\$ 20$ million and $\$ 21$ million for the three and nine months ended September 30, 2008 compared to $\$ 13$ million and $\$ 18$ million for the same periods a year ago. 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 $\$ 17$ million for the three months ended September 30, 2008 and September 30, 2007. The average VAR for the nine months ended September 30, 2008 was $\$ 16$ million. Refer to the Trading Risk Management discussion beginning on page 155 for a description of our VAR calculation for the market-based trading portfolio.

Tables 35 and 36 present the maturity profiles and the credit exposure debt ratings of the net credit default protection portfolio at September 30, 2008 and December 31, 2007.

Table 35
Net Credit Default Protection by Maturity Profile ${ }^{(1)}$

|  | September 30 2008 |  | December 31 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| Less than or equal to one year | (4) | \% | - 2 | \% |
| Greater than one year and less than or equal to five years | 94 |  | 67 |  |
| Greater than five years | 10 |  | 31 |  |
| Total net credit default protection | 100 | \% | 100 | \% |

(1) In order to mitigate the cost of purchasing ideal levels of credit protection, credit exposure can be added by selling credit protection. The distribution of maturities for net credit default protection purchased is shown as positive percentages and the distribution of maturities for net credit protection sold as negative percentages.

Table 36
Net Credit Default Protection by Credit Exposure Debt Rating ${ }^{(1)}$

| (Dollars in millions) | September 30, 2008 |  | December 31, 2007 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ratings | Net Notional | Percent |  | Net Notional | Percent |  |
| AAA | 48 | (0.5) | \% | \$ (13) | 0.2 | \% |
| AA | (51) | 0.6 |  | (92) | 1.3 |  |
| A | $(3,269)$ | 36.7 |  | $(2,408)$ | 33.7 |  |
| BBB | $(4,186)$ | 47.0 |  | $(3,328)$ | 46.6 |  |
| BB | $(1,368)$ | 15.3 |  | $(1,524)$ | 21.3 |  |
| B | (194) | 2.2 |  | (180) | 2.5 |  |
| CCC and below | (55) | 0.6 |  | (75) | 1.0 |  |
| NR ${ }^{(2)}$ | 161 | (1.9) |  | 474 | (6.6) |  |
| Total net credit default protection | \$ $(8,914)$ | 100.0 | \% | \$ $(7,146)$ | 100.0 | \% |

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(2) In addition to unrated names, NR includes $\$ 200$ million and $\$ 550$ million of net credit default swap index positions at September 30, 2008 and December 31, 2007. While index positions are principally investment grade, credit default swaps indices include names in and across each of the ratings categories.

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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 proprietary positions intended to profit from directional or relative value changes. We execute the majority of our credit derivative positions in the over-the-counter market with large, international financial institutions, including broker/dealers and to a lesser degree with a variety of other investors. Because these transactions are executed in the over-the-counter 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. Further, we enter 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.

The notional amounts presented in the following table represent the total contract/notional amount of credit derivatives outstanding and includes both purchased and written protection. 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. 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 on an aggregate basis have been reduced by cash collateral applied against derivative assets. The significant increase in credit spreads across nearly all major credit indices during the nine months ended September 30, 2008 drove the $\$ 3.4$ billion increase in counterparty credit risk for purchased protection. The $\$ 579.0$ billion decrease in the contract/notional value of credit derivatives was driven by our continued efforts to reduce aggregate positions to minimize market and operational risk.

Table 37

## Credit Derivatives

| (Dollars in millions) | September 30, 2008 |  |  | December 31, 2007 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Contract/Notional | Credit Risk |  | Contract/Notional |  | dit Risk |
| Credit derivatives |  |  |  |  |  |  |
| Purchased protection: |  |  |  |  |  |  |
| Credit default swaps | \$ 1,221,113 | \$ | 9,545 | \$ 1,482,210 | \$ | 6,806 |
| Total return swaps | 8,577 |  | 1,331 | 13,551 |  | 671 |
| Other credit derivatives | 465 |  | - | 8,431 |  | 16 |
| Total purchased protection | 1,230,155 |  | 10,876 | 1,504,192 |  | 7,493 |
| Written protection: |  |  |  |  |  |  |
| Credit default swaps | 1,225,477 |  | - | 1,517,305 |  | - |
| Total return swaps | 10,304 |  | - | 24,884 |  | - |
| Other credit derivatives | 1,450 |  | - | - |  | - |
| Total written protection | 1,237,231 |  | - | 1,542,189 |  | - |
| Total credit derivatives | \$ 2,467,386 | \$ | 10,876 | \$ 3,046,381 | \$ | 7,493 |

In light of recent market events, banking regulators have been working with the industry to organize a central clearinghouse for credit derivative trading. It is expected that an exchange of this kind would reduce the risk of counterparty default as it would regulate collateral and payments as well as guarantee trades in the event that a member fails. We are participating in these initiatives.

## Foreign Portfolio

Our foreign credit and trading portfolio is 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.

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A risk management framework is in place to measure, monitor and manage foreign risk and exposures. Management oversight of country risk including cross-border risk is provided by the Country Risk Committee.

Table 38 sets forth total foreign exposure to borrowers or counterparties in emerging markets. Foreign exposure includes credit exposure net of local liabilities, securities, and other investments domiciled in countries other than the United States. Total foreign exposure can be adjusted for externally guaranteed exposure and certain collateral types. Exposure which is assigned external guarantees is reported under the country of the guarantor. Exposure with tangible collateral is reflected in the country where the collateral is held. For securities received, other than cross-border resale agreements, exposure is 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 rules.

## Table 38

## Selected Emerging Markets ${ }^{(1)}$

| (Dollars in millions) | Loans and <br> Leases, and Loan <br> Commitments |  | Other <br> Financing (2) |  | Derivative Assets (3) |  | Securities/ Other <br> Investments (4) (4) |  | Total <br> Cross- <br> border Exposure ${ }^{(5)}$ |  | Local Country Exposure Net of Local Liabilities (6) |  | Total Emerging Market Exposure at September 30, 2008 |  | Increase <br> (Decrease) <br> From <br> December 31, <br> 2007 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Region/Country |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asia Pacific |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| China | \$ | 304 | \$ | 410 | \$ | 508 | \$ | 14,723 | \$ | 15,945 | \$ | 1 | \$ | 15,946 | \$ | $(1,094)$ |
| South Korea |  | 359 |  | 1,342 |  | 1,607 |  | 1,648 |  | 4,956 |  | - |  | 4,956 |  | 554 |
| India |  | 1,797 |  | 835 |  | 806 |  | 1,107 |  | 4,545 |  | - |  | 4,545 |  | 1,253 |
| Singapore |  | 417 |  | 81 |  | 381 |  | 296 |  | 1,175 |  | - |  | 1,175 |  | (117) |
| Taiwan |  | 318 |  | 34 |  | 110 |  | 143 |  | 605 |  | 378 |  | 983 |  | (84) |
| Hong Kong |  | 434 |  | 55 |  | 44 |  | 87 |  | 620 |  | - |  | 620 |  | (175) |
| Other Asia Pacific ${ }^{(7)}$ |  | 166 |  | 137 |  | 35 |  | 350 |  | 688 |  | - |  | 688 |  | 1 |
| Total Asia Pacific |  | 3,795 |  | 2,894 |  | 3,491 |  | 18,354 |  | 28,534 |  | 379 |  | 28,913 |  | 338 |
| Latin America |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brazil |  | 874 |  | 220 |  | 20 |  | 3,713 |  | 4,827 |  | 208 |  | 5,035 |  | 1,348 |
| Mexico |  | 1,422 |  | 315 |  | 36 |  | 3,116 |  | 4,889 |  | 95 |  | 4,984 |  | 546 |
| Chile |  | 577 |  | 45 |  | 15 |  | 12 |  | 649 |  | 6 |  | 655 |  | (64) |
| Other Latin America (7) |  | 316 |  | 267 |  | 12 |  | 126 |  | 721 |  | 135 |  | 856 |  | 209 |
| Total Latin America |  | 3,189 |  | 847 |  | 83 |  | 6,967 |  | 11,086 |  | 444 |  | 11,530 |  | 2,039 |
| Middle East and Africa |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bahrain |  | 297 |  | 7 |  | 20 |  | 907 |  | 1,231 |  | - |  | 1,231 |  | 1,084 |
| Other Middle East and Africa ${ }^{(7)}$ |  | 787 |  | 181 |  | 247 |  | 92 |  | 1,307 |  | - |  | 1,307 |  | (487) |
| Total Middle East and Africa |  | 1,084 |  | 188 |  | 267 |  | 999 |  | 2,538 |  | - |  | 2,538 |  | 597 |
| Central and Eastern Europe ${ }^{(7)}$ |  | 58 |  | 190 |  | 103 |  | 88 |  | 439 |  | - |  | 439 |  | 15 |
| Total emerging market exposure | \$ | 8,126 | \$ | 4,119 | \$ | 3,944 | \$ | 26,408 | \$ | 42,597 | \$ | 823 | \$ | 43,420 | \$ | 2,989 |

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(2) Includes acceptances, standby letters of credit, commercial letters of credit and formal guarantees.
(3) Derivative assets are reported on a mark-to-market basis and have been reduced by the amount of cash collateral applied of $\$ 89$ million and $\$ 57$ million at September 30, 2008 and December 31, 2007. At September 30, 2008 and December 31, 2007, there were $\$ 334$ million and $\$ 2$ million of other marketable securities collateralizing derivative assets for which credit risk has not been reduced.
(4) Generally, cross-border resale agreements are presented based on the domicile of the counterparty, consistent with FFIEC reporting rules. Cross-border resale agreements where the underlying securities are U.S. Treasury securities, in which case the domicile is the U.S., are excluded from this presentation.
(5) Cross-border exposure includes amounts payable to the Corporation by borrowers or counterparties with a country of residence other than the one in which the credit is booked, regardless of the currency in which the claim is denominated, consistent with FFIEC reporting rules.
(6) Local country exposure includes amounts payable to the Corporation by borrowers with a country of residence in which the credit is booked, regardless of the currency in which the claim is denominated. Local funding or liabilities are subtracted from local exposures as allowed by the FFIEC. Total amount of available local liabilities funding local country exposure at September 30, 2008 was $\$ 17.6$ billion compared to $\$ 21.6$ billion at December 31, 2007. Local liabilities at September 30, 2008 in Asia Pacific and Latin America were $\$ 17.1$ billion and $\$ 508$ million, of which $\$ 6.6$ billion were in Hong Kong, $\$ 5.0$ billion in Singapore, $\$ 2.1$ billion in South Korea, $\$ 1.1$ billion in India, $\$ 1.0$ billion in China and $\$ 586$ million in Taiwan. There were no other countries with available local liabilities funding local country exposure greater than $\$ 500$ million.
(7) No country included in Other Asia Pacific, Other Latin America, Other Middle East and Africa, or Central and Eastern Europe had total foreign exposure of more than $\$ 500$ million.

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As presented in Table 38, foreign exposure to borrowers or counterparties in emerging markets increased $\$ 3.0$ billion to $\$ 43.4$ billion at September 30, 2008 compared to $\$ 40.4$ billion at December 31, 2007. The increase was primarily due to higher cross-border exposures in Brazil, India, Bahrain, South Korea, and Mexico. Foreign exposure to borrowers or counterparties in emerging markets represented 31 percent and 29 percent of total foreign exposure at September 30, 2008 and December 31, 2007.

At September 30, 2008, 67 percent of the emerging markets exposure was in Asia Pacific, compared to 71 percent at December 31, 2007. Asia Pacific emerging markets exposure increased by $\$ 338$ million, driven by increased cross-border exposures in India and South Korea, partially offset by the lower value of our investment in CCB. The CCB investment, classified in Table 38 as securities and other investments, accounted for $\$ 14.5$ billion and $\$ 16.4$ billion of exposure in China at September 30, 2008 and December 31, 2007. On July 21, 2008, under the terms of our purchase option we increased our ownership to approximately 11 percent by purchasing approximately $\$ 1.9$ billion of the common shares of CCB. These shares are restricted through August 2011 and are carried at cost.

At September 30, 2008, 27 percent of the emerging markets exposure was in Latin America compared to 23 percent at December 31, 2007. Latin America emerging markets exposure increased by $\$ 2.0$ billion, driven by the initial fair value adjustment associated with our investment in Banco Itaú and higher cross-border exposures in Brazil and Mexico. Our exposure in Brazil was primarily related to the carrying value of our investment in Banco Itaú, which accounted for $\$ 3.7$ billion and $\$ 2.6$ billion of exposure in Brazil at September 30, 2008 and December 31, 2007. Our investment in Banco Itaú is classified in Table 38 as securities and other investments. At September 30, 2008 and December 31, 2007, the equity investment in Banco Itaú represented seven percent of its outstanding voting and non-voting shares. Our 24.9 percent investment in Santander, which is classified as securities and other investments in the above table, accounted for $\$ 2.9$ billion and $\$ 2.6$ billion of exposure in Mexico at September 30, 2008 and December 31, 2007.

At September 30, 2008, six percent of the emerging markets exposure was in Middle East and Africa compared to five percent at December 31, 2007. Middle East and Africa emerging markets exposure increased by $\$ 597$ million, driven by increased cross-border securities and other investments exposure in Bahrain.

## Provision for Credit Losses

The provision for credit losses increased $\$ 4.4$ billion to $\$ 6.5$ billion and $\$ 13.2$ billion to $\$ 18.3$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007.

The consumer portion of the provision for credit losses increased $\$ 3.9$ billion to $\$ 5.3$ billion and $\$ 11.2$ billion to $\$ 15.1$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007. The higher provision expense was primarily driven by higher net charge-offs and reserve increases in our home equity and residential mortgage portfolios, reflective of deterioration in the housing markets particularly in geographic areas that have experienced the most significant declines in home prices. Additionally, the slowing economy and portfolio deterioration resulted in reserve increases and higher net charge-offs in the unsecured lending and domestic credit card portfolios. For the nine months ended September 30, 2008, the absence of prior year reserve reductions also contributed to the increase in provision.

The commercial portion of the provision for credit losses increased $\$ 600$ million to $\$ 1.2$ billion and $\$ 2.1$ billion to $\$ 3.3$ billion for the three and nine months ended September 30, 2008 compared to the same periods in 2007. Increases for both periods were driven by higher net charge-offs within $G C I B$, primarily in the homebuilder loan portfolio, and from broad-based commercial domestic charge-offs in terms of both borrowers and industries, up from very low levels in 2007. Also, higher net charge-offs in our small business portfolios within GCSBB reflected deterioration from the impacts of a slowing economy, particularly in geographic areas that have experienced the most significant home price declines. The nine-month comparison also reflects increases in the reserves for deterioration in both our small business portfolio within GCSBB and in the homebuilder loan portfolio in GCIB. Additionally, for the nine months ended September 30, 2008, the absence of 2007 reserve releases in All Other also contributed to the increase in provision.

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## Allowance for Credit Losses

## Allowance for Loan and Lease Losses

The allowance for loan and lease losses excludes loans measured at fair value in accordance with SFAS 159 as subsequent mark-to-market adjustments related to loans measured at fair value include a credit risk component. The allowance for loan and lease losses is allocated based on two components. We evaluate the adequacy of the allowance for loan and lease losses based on the combined total of these two components.

The first component of the allowance for loan and lease losses covers those commercial loans excluding loans measured at fair value that are either nonperforming or impaired. An allowance is allocated when the discounted cash flows (or collateral value or observable market price) are lower than the carrying value of that loan. For purposes of computing the 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 type and risk rating of the loans.

The second component of the allowance for loan and lease losses covers performing consumer and commercial loans and leases excluding loans measured at fair value. 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 commercial historical loss experience is updated quarterly to incorporate the most recent data reflective of the current economic environment. As of September 30, 2008, quarterly updating of historical loss experience did not have a material impact on the allowance for loan and lease losses. The allowance for consumer and certain homogeneous commercial loan and lease products is based on aggregated portfolio segment 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. These loss forecast models are updated on a quarterly basis in order to incorporate information reflective of the current economic environment. As of September 30, 2008, quarterly updating of the loss forecast models resulted in increases in the allowance for loan and lease losses driven by higher losses primarily in the unsecured lending, consumer card, and residential mortgage portfolios, reflective of deterioration in the housing markets, the impact of the slowing economy and the addition of the Countrywide portfolio.

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 the allowance for loan and lease losses are made by charges 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 40 was $\$ 14.4$ billion at September 30, 2008, an increase of $\$ 7.6$ billion from December 31, 2007. This increase was primarily driven by reserve increases related to higher losses in our home equity, unsecured lending, residential mortgage and consumer card portfolios, and the addition of the Countrywide portfolio. For further discussion, see Provision for Credit Losses beginning on page 151.

The allowance for commercial loan and lease losses was $\$ 6.0$ billion at September 30, 2008, a $\$ 1.1$ billion increase from December 31, 2007. The increase in allowance levels was driven by higher losses in the small business portfolio within GCSBB and reserve increases on the homebuilder loan portfolio within GCIB. For further discussion, see Provision for Credit Losses beginning on page 151.

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The allowance for loan and lease losses as a percentage of total loans and leases outstanding was 2.17 percent at September 30, 2008, compared to 1.33 percent at December 31, 2007. The increase in the ratio was primarily driven by reserve increases for higher losses in the home equity and residential mortgage portfolios, reflective of continued weakness in the housing markets and a slowing economy. The higher ratio was also due to reserve increases in the Card Services unsecured lending, domestic credit card, and small business portfolios. These reserve increases were a result of the slowing economy, particularly in geographic areas that have experienced the most significant housing declines, and portfolio seasoning.

## 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 excluding commitments measured at fair value, such as letters of credit and financial guarantees, and binding unfunded loan commitments. Unfunded lending commitments are subject to the same assessment as funded loans, except utilization assumptions are considered. The reserve for unfunded lending commitments is included in accrued expenses and other liabilities on the Consolidated Balance Sheet with changes to the reserve generally made through the provision for credit losses.

The reserve for unfunded lending commitments at September 30, 2008 was $\$ 427$ million compared to $\$ 518$ million at December 31, 2007. Our reserve for unfunded commitments decreased as our updated evaluation indicated lower loss content and a lower level of commitment exposures.

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Table 39 presents a rollforward of the allowance for credit losses for the three and nine months ended September 30, 2008 and 2007.

Table 39
Allowance for Credit Losses


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(1) Includes small business commercial domestic charge-offs of $\$ 536$ million and $\$ 252$ million for the three months ended September 30 , 2008 and 2007 and $\$ 1.4$ billion and $\$ 636$ million for the nine months ended September 30, 2008 and 2007.
(2) Includes small business commercial domestic recoveries of $\$ 9$ million and $\$ 13$ million for the three months ended September 30, 2008 and 2007 and $\$ 30$ million and \$38 million for the nine months ended September 30, 2008 and 2007.
(3) Includes the $\$ 1.3$ billion addition of the Countrywide allowance for loan losses.
(4) Outstanding loan and lease balances and ratios do not include loans measured at fair value in accordance with SFAS 159 at and for the periods ended September 30, 2008 and 2007. Loans measured at fair value were $\$ 5.4$ billion and $\$ 4.5$ billion at September 30, 2008 and 2007.
n/a = not applicable

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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 40 presents our allocation by product type.

Table 40
Allocation of the Allowance for Credit Losses by Product Type

| (Dollars in millions) | September 30, 2008 |  | 1,2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amount | Percent of Total | Amount | Percent of Total |
| Allowance for loan and lease losses |  |  |  |  |
| Residential mortgage | \$ 1,376 | 6.8\% | \$ 207 | 1.8\% |
| Home equity | 4,744 | 23.3 | 963 | 8.3 |
| Discontinued real estate | 82 | 0.4 | $\mathrm{n} / \mathrm{a}$ | n/a |
| Credit card domestic | 3,624 | 17.8 | 2,919 | 25.2 |
| Credit card foreign | 633 | 3.1 | 441 | 3.8 |
| Direct/Indirect consumer | 3,742 | 18.4 | 2,077 | 17.9 |
| Other consumer | 184 | 0.9 | 151 | 1.3 |
| Total consumer | 14,385 | 70.7 | 6,758 | 58.3 |
| Commercial domestic ${ }^{(1)}$ | 4,072 | 20.0 | 3,194 | 27.6 |
| Commercial real estate | 1,376 | 6.8 | 1,083 | 9.3 |
| Commercial lease financing | 210 | 1.0 | 218 | 1.9 |
| Commercial foreign | 303 | 1.5 | 335 | 2.9 |
| Total commercial ${ }^{(2)}$ | 5,961 | 29.3 | 4,830 | 41.7 |
| Allowance for loan and lease losses | 20,346 | 100.0\% | 11,588 | 100.0\% |
| Reserve for unfunded lending commitments | 427 |  | 518 |  |
| Allowance for credit losses | \$ 20,773 |  | \$ 12,106 |  |

${ }^{(1)}$ Includes allowance for small business commercial domestic loans of $\$ 2.2$ billion and $\$ 1.4$ billion at September 30, 2008 and December 31, 2007.
${ }^{(2)}$ Includes allowance for loan and lease losses for impaired commercial loans of $\$ 561$ million and $\$ 123$ million at September 30, 2008 and December 31, 2007. $\mathrm{n} / \mathrm{a}=$ not applicable

## 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 proprietary trading operations, 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. More detailed information on our market risk management process is included on pages 61 through 68 of the MD\&A of the Corporation s 2007 Annual Report on Form 10-K.

## Trading Risk Management

Trading-related revenues represent the amount earned from trading positions, including market-based net interest income, which are taken 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 16 Fair Value Disclosures 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

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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.

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The GRC, chaired by the Global Markets Risk Executive, has been designated by ALCO 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 $C M A S$ and prioritize those that need a proactive risk mitigation strategy.

At the GRC meetings, the committee considers significant daily revenues and losses by business along with an explanation of the primary driver of the revenue or loss. Thresholds are established 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 made to the GRC. The thresholds are developed in coordination with the respective risk managers to highlight those revenues or losses which exceed what is considered to be normal daily income statement volatility.

The following histogram is a graphic depiction of trading volatility and illustrates the daily level of trading-related revenue for the three months ended September 30, 2008 as compared with the three months ended June 30, 2008 and March 31, 2008. During the three months ended September 30, 2008, positive trading-related revenue was recorded for 67 percent of the trading days, 23 percent of the trading days had losses greater than $\$ 10$ million, and the largest loss was $\$ 139$ million. This can be compared to the three months ended June 30 , 2008, where positive trading-related revenue was recorded for 81 percent of the trading days, 11 percent of the trading days had losses greater than $\$ 10$ million, and the largest loss was $\$ 100$ million. For the three months ended March 31, 2008, positive trading-related revenue was recorded for 57 percent of the trading days, 33 percent of the trading days had losses greater than $\$ 10$ million, and the largest loss was $\$ 98$ million.

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. The VAR represents the worst loss the portfolio is expected to experience based on historical trends with a given level of confidence. VAR 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

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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 which do not have extensive historical price data, or for illiquid positions for which accurate daily prices are not consistently available. Our VAR model uses a historical simulation approach based on three years of historical data and assumes 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.

A VAR 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. This was of particular relevance during the second half of 2007 when markets experienced a period of extreme illiquidity resulting in losses that were far outside of the normal loss forecasts by VAR models. As such, from time to time, we update the assumptions and historical data underlying our VAR model. During the first quarter of 2008, we increased the frequency with which we update the historical data to a weekly basis. Previously, this was updated on a quarterly basis.

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 various degrees. See discussion on stress testing below.

On a quarterly basis, 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 the VAR. Senior management reviews and evaluates the results of these tests.

During the second half of 2007, CDO-related markets experienced significant illiquidity impacting the availability and reliability of transparent pricing resulting in the valuation of CDOs becoming more complex and time consuming. Accordingly, it was not possible to mark these positions to market on a daily basis. As a result, during the three months ended December 31, 2007, we recorded valuation adjustments in trading account profits (losses) of approximately $\$ 4.0$ billion on certain discrete dates relating to our super senior CDO exposure. During the nine months ended September 30, 2008, we continued to take writedowns on our CDO exposure, but revalued these positions on a more regular basis, and therefore no CDO-related losses were excluded from the following table for the nine months ended September 30, 2008. For more information on our CDO exposure and related losses, see the CDO discussion beginning on page 94 .

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The following graph shows daily trading-related revenue and VAR, excluding the discrete writedowns on our super senior CDO exposure taken in the fourth quarter of 2007 as discussed above, for the twelve months ended September 30, 2008. Excluding these writedowns, actual losses exceeded daily trading VAR six times in the twelve months ended September 30, 2008 and losses exceeded daily trading VAR ten times in the twelve months ended September 30, 2007. The majority of the losses that exceeded daily trading VAR for the twelve months ended September 30, 2008, occurred during the market disruption which took place during the second half of 2007, with the exception of one trading day during the second quarter of 2008 which resulted from rating agency actions on assets held by conduits to which we provide credit support, and one trading day during the third quarter of 2008 which primarily resulted from CDO losses. During the first half of 2008, we saw a decrease in total trading VAR due to a reduction in our exposure. During the third quarter of 2008, we continued to reduce our exposure, but increased market volatility as well as widening credit spreads caused total trading VAR to increase from the second quarter of 2008.

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Table 41 presents average, high and low daily trading VAR for the three months ended September 30, 2008, June 30, 2008 and September 30, 2007, as well as average daily trading VAR for the nine months ended September 30, 2008 and 2007.

Table 41
Trading Activities Market Risk VAR

${ }^{(1)}$ 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.
(2) The table above does not include credit protection purchased to manage our counterparty credit risk.

The increase in average VAR for the three months ended September 30, 2008, as compared to the three months ended June 30 , 2008, was primarily due to widening credit spreads during the third quarter of 2008, which increased VAR for our credit products and negatively impacted the portfolio diversification. The increases in average VAR during the three and nine months ended September 30, 2008 as compared to the same periods in 2007 were due to the increased market volatility that started during the second half of 2007 and continued through the third quarter of 2008. As discussed above, we updated our VAR model during the first quarter of 2008 and as the increased market volatility was incorporated into the historical price data, the level of VAR increased substantially. 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 macro economic hedges are executed to reduce the exposure.

Counterparty credit risk is an adjustment to the mark-to-market value of derivative exposures reflecting the impact of the credit quality of counterparties on derivative assets and the impact of our credit quality on derivative liabilities. Since counterparty credit exposure is not included in the VAR component of the regulatory capital allocation, we do not include it in trading VAR, and it is therefore not included in the daily trading-related revenue illustrated in our histogram and used for backtesting. As of September 30, 2008 and June 30, 2008, the VAR for counterparty credit risk, together with associated hedges that are marked to market, was $\$ 87$ million and $\$ 67$ million.

## 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 types of stress tests are run regularly against the overall trading portfolio and individual businesses. Historical scenarios simulate the impact of price changes which occurred during a set of extended historical market events. The results of these scenarios are reported daily to management. During the three months ended September 30, 2008, the largest daily losses among the historical scenarios ranged from $\$ 21$ million to $\$ 763$ million. This can be compared with losses from $\$ 28$ million to $\$ 459$ million for the historical scenarios during the three months ended June 30 , 2008. The increase in historical stress values are attributed to the introduction of a new scenario related to the credit market disruptions over the past 12 months. Hypothetical scenarios simulate the anticipated shocks from predefined market stress events. These stress events include shocks to underlying market risk

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variables which may be well beyond the shocks found in the historical data used to calculate the VAR. 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.

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During the three months ended September 30, 2008, the largest losses among the hypothetical scenarios ranged from $\$ 47$ million to $\$ 319$ million. This is down from $\$ 360$ million to $\$ 620$ million for the hypothetical scenarios for the three months ended June 30, 2008. The results of these stress tests point to a decrease in risk taken during the three months ended September 30, 2008.

## Interest Rate Risk Management for Nontrading Activities

Interest rate risk represents the most significant market risk exposure to our nontrading positions. Our overall goal is to manage interest rate risk so that movements in interest rates do not adversely affect core net interest income managed basis. Interest rate risk is measured as the potential volatility in our core net interest income managed basis 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 managed basis using numerous interest rate scenarios, balance sheet trends and strategies. These simulations evaluate how the above mentioned scenarios impact core net interest income managed basis on short-term financial instruments, debt securities, loans, deposits, borrowings, and derivative instruments. 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 managed basis forecasts utilizing different rate scenarios, with the base case utilizing forward interest rates. Management frequently updates the core net interest income managed basis 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 managed basis. These baseline forecasts take into consideration expected future business growth, ALM positioning, and the direction of interest rate movements as implied by forward interest rates. We then measure and evaluate the impact that alternative interest rate scenarios have to these static baseline forecasts in order to assess interest rate sensitivity under varied conditions. The spot and 12-month forward rates used in our respective baseline forecasts at September 30, 2008 and December 31, 2007 were as follows:

Table 42
Forward Rates


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The following table reflects the pre-tax dollar impact to forecasted core net interest income managed basis over the next twelve months from September 30, 2008 and December 31, 2007, resulting from a 100 bp gradual parallel increase, a 100 bp gradual parallel decrease, a 100 bp gradual curve flattening (increase in short-term rates or decrease in long-term rates) and a 100 bp 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 managed basis see page 73 .

Table 43
Estimated Core Net Interest Income Managed Basis at Risk

| (Dollars in millions) |  |  | September 30 |  | December 31 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Curve Change | Short Rate | Long Rate | 2008 |  | 2007 |  |
| +100 Parallel shift | +100 | +100 | \$ | (775) | \$ | (952) |
| -100 Parallel shift | -100 | -100 |  | 558 |  | 865 |
| Flatteners |  |  |  |  |  |  |
| Short end | +100 | - |  | (927) |  | $(1,127)$ |
| Long end | - | -100 |  | (403) |  | (386) |

## Steepeners

| Short end | -100 | - | $\mathbf{9 7 0}$ |
| :--- | :--- | :--- | :--- |

Long end
$+100$
156
181
The sensitivity analysis above assumes that we take no action in response to these rate shifts over the indicated years. The estimated exposure is reported on a managed basis and reflects impacts that may be realized primarily in net interest income and card income on the Consolidated Statement of Income. This sensitivity analysis excludes any impact that could occur in the valuation of retained interests in the Corporation s securitizations due to changes in interest rate levels. For additional information on securitizations, see Note 8 Securitizations to the Consolidated Financial Statements.

Our core net interest income managed basis was liability sensitive at both September 30, 2008 and December 31, 2007. Beyond what is already implied in the forward market curve, the interest rate risk position has become less exposed to rising rates since December 31, 2007. Over a 12 -month horizon, we would benefit from falling rates or a steepening of the yield curve beyond what is already implied in the forward market curve.

The spread between the three-month LIBOR rate and the Federal Funds target rate has significantly widened since December 31, 2007. While the overall balance sheet remains liability sensitive, we are typically asset sensitive to Federal Funds and Prime rates, and liability sensitive to LIBOR. As the Federal Funds and LIBOR dislocation widens, the benefit to net interest income from lower rates is limited. This spread widening has adversely impacted our ability to access the credit card asset-backed securitization market at favorable terms. For additional information see the Card Services discussion on page 82.

As part of our ALM activities, we use securities, residential mortgages, and interest rate and foreign exchange derivatives in managing interest rate sensitivity.

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## Securities

The securities portfolio is an integral part of our ALM position and is primarily comprised of debt securities and includes mortgage-backed securities and to a lesser extent corporate, municipal and other investment grade debt securities. At September 30, 2008, AFS debt securities were $\$ 257.4$ billion compared to $\$ 213.3$ billion at December 31, 2007. This increase was partially attributable to the acquisition of Countrywide, which added $\$ 16.3$ billion of AFS debt securities at September 30, 2008. There was also a reclassification of $\$ 12.6$ billion of AFS debt securities to trading account assets in connection with the Countrywide acquisition as we realigned our AFS portfolio to exclude certain securities that are used as economic hedges of MSRs. In addition, we repositioned our ALM portfolio due to market liquidity and funding conditions as we increased the level of mortgage-backed securities relative to loans. During the three months ended September 30, 2008 and 2007, we purchased AFS debt securities of $\$ 26.9$ billion and $\$ 1.3$ billion, sold $\$ 20.2$ billion and $\$ 4.9$ billion, and had maturities and received paydowns of $\$ 6.1$ billion and $\$ 4.5$ billion. We realized gains of $\$ 10$ million and $\$ 7$ million on sales of debt securities during the three months ended September 30, 2008 and 2007. In addition, we securitized $\$ 2.3$

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billion of residential mortgage loans into mortgage-backed securities which we retained during the three months ended September 30, 2008. We also converted $\$ 5.7$ billion of automobile loans into ABS during the three months ended September 30, 2008 and retained $\$ 4.9$ billion of those securities.

During the nine months ended September 30, 2008 and 2007, we purchased AFS debt securities of $\$ 109.2$ billion and $\$ 7.2$ billion, sold $\$ 68.9$ billion and $\$ 10.9$ billion, and had maturities and received paydowns of $\$ 18.8$ billion and $\$ 15.2$ billion. We realized gains of $\$ 362$ million and $\$ 71$ million on sales of debt securities during the nine months ended September 30, 2008 and 2007. In addition, we securitized $\$ 23.4$ billion of residential mortgage loans into mortgage-backed securities which we retained during the nine months ended September 30, 2008.

The amount of accumulated OCI loss related to AFS debt securities increased by pre-tax losses of $\$ 2.6$ billion and $\$ 7.7$ billion during the three and nine months ended September 30, 2008, driven by changes in value of certain mortgage-backed securities. For those securities that are in an unrealized loss position, we have the intent and ability to hold these securities to recovery.

Accumulated OCI includes $\$ 518$ million in after-tax losses at September 30, 2008, including $\$ 6.7$ billion of net unrealized losses related to AFS debt securities and $\$ 6.2$ billion of net unrealized gains related to AFS marketable equity securities. Total market value of the AFS debt securities was $\$ 257.4$ billion at September 30, 2008 with a weighted average duration of 4.6 years and primarily relates to our mortgage-backed securities portfolio.

Prospective changes to the accumulated OCI amounts for the AFS securities portfolio will be driven by further interest rate, credit or price fluctuations (including market value fluctuations associated with our CCB and Banco Itaú investments), the collection of cash flows including prepayment and maturity activity, and the passage of time. A portion of the Corporation s strategic investment in CCB and all of its investment in Banco Itaú is carried at fair value and their carrying values were $\$ 14.4$ billion and $\$ 3.7$ billion at September 30, 2008. Unrealized gains on these investments of $\$ 6.1$ billion and $\$ 681$ million, net-of-tax, are subject to currency and price fluctuations, and are recorded in accumulated OCI. On July 21, 2008, under the terms of our purchase option, we increased our ownership to approximately 11 percent by purchasing approximately $\$ 1.9$ billion of the common shares of CCB. These recently purchased shares are restricted through August 2011 and are carried at cost.

We recognized $\$ 1.2$ billion and $\$ 2.3$ billion of other-than-temporary impairment losses on AFS debt securities during the three and nine months ended September 30, 2008. These losses were primarily comprised of $\$ 789$ million and $\$ 1.9$ billion of CDO-related writedowns and $\$ 272$ million and $\$ 365$ million of writedowns related to certain investments in SIVs and senior debt issued by financial services companies. We also recognized $\$ 375$ million and $\$ 388$ million of other-than-temporary impairment losses on AFS marketable equity securities during the three and nine months ended September 30, 2008. These losses included writedowns on Fannie Mae and Freddie Mac preferred securities and a number of other equity securities. No such losses were recognized during the three and nine months ended September 30, 2007.

The impairment of 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 historical and implied volatility of the security; the financial condition of the issuer of the security; and the Corporation $s$ intent and ability to hold the security to recovery. Based on the Corporation $s$ evaluation of the above 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 September 30, 2008 are other-than-temporarily impaired.

## Residential Mortgage Portfolio

At September 30, 2008 residential mortgages were $\$ 257.0$ billion compared to $\$ 274.9$ billion at December 31, 2007. This decrease was attributable to the repositioning of our ALM portfolio, driven by market liquidity, as we increased the level of mortgage-backed securities relative to loans, partially offset by the acquisition of Countrywide which added $\$ 26.8$ billion of residential mortgages at September 30, 2008. During the three months ended September 30, 2008, we purchased $\$ 110$ million of residential mortgages related to ALM activities compared to purchases of $\$ 531$ million during the same period in 2007. We also added $\$ 3.4$ billion and $\$ 15.1$ billion of originated residential mortgages and we sold $\$ 1.3$ billion and $\$ 10.1$ billion of residential mortgages during the three months ended September 30, 2008 and 2007, which included

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$\$ 1.2$ billion and $\$ 0$ of originated residential mortgages, resulting in gains of $\$ 29$ million and $\$ 41$ million. We received paydowns of $\$ 5.1$ billion and $\$ 6.5$ billion during the three months ended September 30, 2008 and 2007. Additionally, we securitized $\$ 2.3$ billion of residential mortgage loans into mortgage-backed securities which we retained during the three months ended September 30, 2008.

During the nine months ended September 30, 2008, we purchased $\$ 393$ million of residential mortgages related to ALM activities compared to purchases of $\$ 22.5$ billion during the same period in 2007. We also added $\$ 24.9$ billion and $\$ 55.5$ billion of originated residential mortgages and we sold $\$ 24.5$ billion and $\$ 28.4$ billion of residential mortgages during the nine months ended September 30, 2008 and 2007, which included $\$ 21.1$ billion and $\$ 18.1$ billion of originated residential mortgages, resulting in gains of $\$ 430$ million and $\$ 217$ million. We received paydowns of $\$ 21.8$ billion and $\$ 21.9$ billion during the nine months ended September 30, 2008 and 2007. Additionally, we securitized $\$ 23.4$ billion of residential mortgage loans into mortgage-backed securities which we retained during the nine months ended September 30, 2008.

## 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 mitigate our interest rate and foreign exchange risk. We use derivatives to hedge the changes 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 and foreign currency forward contracts, to mitigate the foreign exchange risk associated with foreign currency-denominated assets and liabilities, as well as certain equity investments in foreign subsidiaries. Table 44 reflects the notional amounts, fair value, weighted average receive fixed and pay fixed rates, expected maturity, and estimated duration of our open ALM derivatives at September 30, 2008 and December 31, 2007.

Changes to the composition of our derivatives portfolio during the nine months ended September 30, 2008 reflect actions taken for interest rate and foreign exchange rate risk management. The decisions to reposition our derivative portfolio are based upon the current assessment of economic and financial conditions including the interest rate environment, balance sheet composition and trends, and the relative mix of our cash and derivative positions. The notional amount of our option positions decreased from $\$ 140.1$ billion at December 31, 2007 to $\$ 5.0$ billion at September 30, 2008. Changes in the levels of the option positions was driven by maturities of $\$ 115.0$ billion in purchased caps along with the termination of $\$ 20.0$ billion in sold floors. Our interest rate swap positions (including foreign exchange contracts) changed to a net receive fixed position of $\$ 49.2$ billion on September 30, 2008 compared to a net receive fixed position of $\$ 101.9$ billion on December 31, 2007. Changes in the notional levels of our interest rate swap position were driven by the net termination and maturity of $\$ 58.8$ billion in U.S. dollar-denominated receive fixed swaps, the termination of $\$ 11.3$ billion in pay fixed swaps, and the net termination of $\$ 5.2$ billion in foreign denominated receive fixed swaps. The notional amount of our foreign exchange basis swaps increased to $\$ 55.9$ billion at September 30, 2008 compared to $\$ 54.5$ billion at December 31, 2007.

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The following table includes derivatives utilized in our ALM activities, including those designated as SFAS 133 accounting hedges and economic hedges. The fair value of net ALM contracts decreased $\$ 1.1$ billion from a gain of $\$ 6.1$ billion at December 31, 2007 to a gain of $\$ 4.9$ billion at September 30, 2008. The decrease was primarily attributable to losses from changes in the value of foreign exchange basis swaps of $\$ 2.2$ billion. The decrease in the value of foreign exchange basis swaps was mostly attributable to the strengthening of the U.S. dollar against most foreign currencies during the nine months ended September 30, 2008. These losses were partially offset by gains from the termination of pay fixed interest rate swaps of $\$ 429$ million and the termination of option products of $\$ 160$ million, as well as changes in the value of foreign exchange contracts of $\$ 320$ million and U.S. dollar-denominated receive-fixed interest rate swaps of $\$ 131$ million.

Table 44
Asset and Liability Management Interest Rate and Foreign Exchange Contracts
September 30, 2008
Expected Maturity


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December 31, 2007

| (Dollars in millions, average |  |  |  |  |  |  |  |  | Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| estimated duration in years) | Fair Value | Total | 2008 | 2009 | 2010 | 2011 | 2012 | Thereafter | Estimated Duration |
| Receive fixed interest rate swaps $(1,2)$ | 992 |  |  |  |  |  |  |  | 3.70 |


| Notional amount |  | \$ | 81,965 |  | \$ | 4,869 |  |  | 48,908 |  | \$ 3,252 |  | \$ 1,630 |  | \$ 2,508 |  | \$ | 20,798 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weighted average fixed rate |  |  | 4.34 | \% |  | 4.03 | \% |  | 3.91 | \% | 4.35 | \% | 4.50 | \% | 4.88 | \% |  | 5.34 | \% |  |
| Pay fixed interest rate swaps ${ }^{(1)}$ | (429) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5.37 |
| Notional amount |  | \$ | 11,340 |  | \$ | - |  | \$ | - |  | \$ |  | \$ |  | \$ 1,000 |  | \$ | 10,340 |  |  |
| Weighted average fixed rate |  |  | 5.04 | \% |  | - | \% |  | - | \% | - | \% | - | \% | 5.45 | \% |  | 5.00 | \% |  |
| Foreign exchange basis swaps ${ }^{(2,}$ 3, 4) | 6,164 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Notional amount |  | \$ | 54,531 |  | \$ | 2,537 |  |  | 4,463 |  | \$ 5,839 |  | \$ 4,294 |  | \$8,695 |  | \$ | 28,703 |  |  |
| Option products ${ }^{(5)}$ | (155) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Notional amount |  |  | 140,114 |  |  | 130,000 |  |  | 10,000 |  | 76 |  | - |  | - |  |  | 38 |  |  |
| Foreign exchange contracts ( $2,4,6$ ) | (499) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Notional amount ${ }^{(7)}$ |  |  | 31,054 |  |  | 1,438 |  |  | 2,047 |  | 4,171 |  | 1,235 |  | 3,150 |  |  | 19,013 |  |  |
| Futures and forward rate contracts | (3) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Notional amount ${ }^{(7)} \quad 752 \quad 752$

Net ALM contracts $\$ 6,070$
(1) At September 30, 2008 there were no forward starting pay or receive fixed swap positions. At December 31, 2007, the receive fixed interest rate swap notional that represented forward starting swaps and will not be effective until their respective contractual start dates was $\$ 45.0$ billion. There were no forward starting pay fixed swap positions at December 31, 2007.
(2) Does not include basis adjustments on fixed rate debt issued by the Corporation and hedged under fair value hedge relationships pursuant to SFAS 133 that substantially offset the fair values of these derivatives.
(3) Foreign exchange basis swaps consist of cross-currency variable interest rate swaps used separately or in conjunction with receive fixed interest rate swaps.
(4) Does not include foreign currency translation adjustments on certain foreign debt issued by the Corporation which substantially offset the fair values of these derivatives.

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(5) Option products of $\$ 5.0$ billion at September 30, 2008 were comprised completely of purchased caps. Option products of $\$ 140.1$ billion at December 31 , 2007 were comprised of $\$ 120.1$ billion in purchased caps and $\$ 20.0$ billion in sold floors.
(6) Foreign exchange contracts include foreign-denominated and cross-currency receive fixed interest rate swaps as well as foreign currency forward rate contracts. Total notional was comprised of $\$ 26.1$ billion in foreign-denominated and cross-currency receive fixed swaps and $\$ 148$ million in foreign currency forward rate contracts at September 30, 2008, and $\$ 31.3$ billion in foreign-denominated and cross-currency receive fixed swaps and $\$ 211$ million in foreign currency forward rate contracts at December 31, 2007.
(7) Reflects the net of long and short positions.

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The Corporation uses interest rate derivative instruments to hedge the variability in the cash flows of its assets and liabilities, and other forecasted transactions (cash flow hedges). From time to time, the Corporation also utilizes equity-indexed derivatives accounted for as SFAS 133 cash flow hedges to minimize exposure to price fluctuations on the forecasted purchase or sale of equity investments. The net losses on both open and terminated interest rate derivative instruments recorded in accumulated OCI net-of-tax was $\$ 3.9$ billion at September 30, 2008. These net losses are expected to be reclassified into earnings in the same period when 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 interest rates beyond what is implied in forward yield curves at September 30, 2008, the pre-tax net losses are expected to be reclassified into earnings as follows: $\$ 1.5$ billion, or 24 percent within the next year, 68 percent within five years, and 90 percent within 10 years, with the remaining 10 percent thereafter. For more information on derivatives designated as cash flow hedges, see Note 4 Derivatives to the Consolidated Financial Statements.

The amounts included in accumulated OCI for terminated interest rate derivative contracts were losses of $\$ 3.8$ billion, net-of-tax, at both September 30, 2008 and December 31, 2007. Losses on these terminated derivative contracts are reclassified into earnings in the same period or periods during which the hedged forecasted transaction affects earnings.

## 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 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 may also lead to an increase in servicing fee income, depending on the level of new loans added to the servicing portfolio and prepayments. 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 certain derivatives, such as interest rate options, interest rate swaps, forward settlement contracts, euro dollar futures, mortgage-backed securities and U.S. Treasury securities. These instruments are used as economic hedges of IRLCs and residential first mortgage LHFS. At September 30, 2008 and December 31, 2007, the gross notional amount of derivatives economically hedging the IRLCs and residential first mortgage LHFS was $\$ 91.5$ billion and $\$ 18.6$ billion. On January 1, 2008, we adopted SAB 109 which generally has resulted in higher fair values being recorded upon initial recognition of derivative IRLCs. For more information on the adoption of SAB 109, see Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements.

MSRs are a nonfinancial asset 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, euro dollar futures, mortgage-backed securities and U.S. Treasury securities as economic hedges of MSRs. The notional amount of the derivative contracts and other securities designated as economic hedges of MSRs at September 30, 2008 and December 31, 2007 was $\$ 768.5$ billion and $\$ 69.0$ billion. For the three and nine months ended September 30, 2008, we recorded gains in mortgage banking income of $\$ 832$ million and $\$ 539$ million related to the change in fair value of these derivative contracts as compared to gains (losses) of $\$ 260$ million and $\$(109)$ million for the same periods in the prior year. For additional information on MSRs see Note 17 Mortgage Servicing Rights to the Consolidated Financial Statements for more information on mortgage banking income see the $G C S B B$ discussion on page 79.

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## Compliance and Operational 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 the bank s reputation or image. The Seven Elements of a Compliance Prograif provides the framework for the compliance programs that are consistently applied across the enterprise to manage compliance risk.

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people, systems or external events. Operational risk also encompasses the failure to implement strategic objectives and initiatives in a successful, timely, and cost-effective manner. Successful operational risk management is particularly important to diversified financial services companies because of the nature, volume and complexity of the financial services business.

We approach compliance and operational risk management from two perspectives: corporate-wide and line of business-specific. The Compliance and Operational Risk Committee provides oversight of significant corporate-wide compliance and operational risk issues. Within Global Risk Management, Global Compliance and Operational Risk Management develops and guides the strategies, policies, practices, controls and monitoring tools for assessing and managing compliance and operational risks across the Corporation. Through training and communication efforts, compliance and operational risk awareness is driven across the Corporation.

We also mitigate compliance and operational risk through a broad-based approach to process management and process improvement. We have a dedicated Quality and Productivity team to manage and certify the process management and improvement efforts. For selected risks, we use specialized support groups, such as Enterprise Information Management and Supply Chain Management, to develop corporate-wide risk management practices, such as an information security program and a supplier program to ensure that suppliers adopt appropriate policies and procedures when performing work on behalf of the Corporation. These specialized groups also assist the lines of business in the development and implementation of risk management practices specific to the needs of the individual businesses. These groups also work with line of business executives and risk executives to develop and guide appropriate strategies, policies, practices, controls and monitoring tools for each line of business.

The lines of business are responsible for all the risks within the business line, including compliance and operational risks. Compliance and Operational Risk executives, working in conjunction with senior line of business executives, have developed key tools to help identify, measure, mitigate and monitor compliance and operational risk in each business line. Examples of these include processes to ensure compliance with laws and regulations, personnel management practices, data reconciliation processes, fraud management units, transaction processing monitoring and analysis, business recovery planning and new product introduction processes. In addition, the lines of business are responsible for monitoring adherence to corporate practices. Line of business management uses a self-assessment process, which helps to identify and evaluate the status of risk and control issues, including mitigation plans, as appropriate. The goal of the self-assessment process is to periodically assess changing market and business conditions, to evaluate key compliance and operational risks, as well as credit and market risks impacting each line of business, and assess the controls in place to mitigate the risks. In addition to information gathered from the self-assessment process, key compliance and operational risk indicators have been developed and are used to help identify trends and issues on both a corporate and a line of business level.

## ASF Framework

In December 2007, the American Securitization Forum (ASF) issued the Streamlined Foreclosure and Loss Avoidance Framework for Securitized Adjustable Rate Mortgage Loans (the ASF Framework). The ASF Framework was developed to address large numbers of subprime loans that are at risk of default when the loans reset from their initial fixed interest rates to variable rates. The objective of the framework is to provide uniform guidelines for evaluating large numbers of loans for refinancing in an efficient manner while complying with the relevant tax regulations and off-balance sheet accounting standards for loan securitizations. The ASF Framework targets loans that were originated between January 1, 2005 and July 31, 2007 and have an initial fixed interest rate period of 36 months or less, which are scheduled for their first interest rate reset between January 1, 2008 and July 31, 2010.

The ASF Framework categorizes the targeted loans into three segments. Segment 1 includes loans where the borrower is likely to be able to refinance into any available mortgage product. Segment 2 includes loans where the borrower is current but is unlikely to be able to refinance into any readily available mortgage industry product. Segment 3 includes

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loans where the borrower is not current. If certain criteria are met, ASF Framework loans in Segment 2 are eligible for fast-track modification under which the interest rate will be kept at the existing initial rate, generally for five years following the interest rate reset date. Upon evaluation, if targeted loans do not meet specific criteria to be eligible for one of the three segments, they are categorized as other loans, as shown in the table below. These criteria include the occupancy status of the borrower, structure and other terms of the loan. In January 2008, the SEC s Office of the Chief Accountant issued a letter addressing the accounting issues relating to the ASF Framework. The letter concluded that the SEC would not object to continuing off-balance sheet accounting treatment for Segment 2 loans modified pursuant to the ASF Framework.

For those current loans that are accounted for off-balance sheet that are modified, but not as part of the ASF Framework above, the servicer must perform on an individual basis, an analysis of the borrower and the loan to demonstrate it is probable that the borrower will not meet the repayment obligation in the near term. Such analysis shall provide sufficient evidence to demonstrate that the loan is in imminent or reasonably foreseeable default. The SEC s Office of the Chief Accountant issued a letter in July 2007 stating that it would not object to continuing off-balance sheet accounting treatment for these loans.

Prior to the acquisition of Countrywide on July 1, 2008, Countrywide began making fast-track loan modifications under Segment 2 of the ASF Framework in June 2008 and the off-balance sheet accounting treatment of QSPEs that hold those loans was not affected. In addition, other workout activities relating to subprime ARMs include modifications (e.g., interest rate reductions and capitalization of interest) and repayment plans were also made. These initiatives have continued subsequent to the acquisition in an effort to work with all of our customers that are eligible and affected by loans that meet the requisite criteria. These foreclosure prevention efforts will reduce foreclosures and the related losses providing a solution for customers and protecting investors.

As of September 30, 2008, the principal balance of beneficial interests issued by the QSPEs that hold subprime ARMs totaled $\$ 58.9$ billion and the fair value of beneficial interests related to those QSPEs held by the Corporation totaled $\$ 124$ million. The following table presents a summary of loans in QSPEs that hold subprime ARMs as of September 30, 2008 as well as workout and payoff activity for the subprime loans by ASF categorization for the three months ended September 30, 2008. Prior to the acquisition of Countrywide on July 1, 2008, we did not originate or service significant subprime residential mortgage loans, nor did we hold a significant amount of beneficial interest in QSPEs of subprime residential mortgage loans.

Table 45
QSPE Loans Subject to ASF Framework Evaluation
September 30, 2008
Activity During the Three Months Ended September 30, 2008 Other

|  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  | Fast-track |  | Workout |
|  |  |  |  |  |  |  |  |  |
| (Dollars in millions) | Balance | Percent |  |  |  |  |  |  |

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

In October 2008, in connection with the Housing and Economic Recovery Act of 2008, we announced the creation of a home retention program that was developed in conjunction with several state attorneys general that will systematically modify troubled mortgages with up to $\$ 8.4$ billion in interest rate and principal reductions for approximately 400,000 Countrywide Financial Corporation (Countrywide) customers. This program is eligible to those borrowers who financed their primary residence with subprime or pay option adjustable rate mortgages serviced by Countrywide and originated prior to December 31, 2007. We hold approximately 12 percent of the eligible loans for investment while the remaining 88 percent are loans that we service but do not own. The program is a proactive loan modification process to provide relief to eligible borrowers who are seriously delinquent or are likely to become seriously delinquent as a result of loan features, such as rate resets or payment recasts. Modification options, among others, include FHA refinancing under the Housing and Economic Recovery Act of 2008; interest rate

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reductions, which may be granted automatically; and principal reductions on certain pay option adjustable rate mortgages. Under this program, eligible borrowers will not be charged loan modification

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fees and prepayment penalties will be waived for qualifying subprime and pay option adjustable rate mortgages Countrywide or its affiliates own. In addition, borrowers in participating states will have access to several programs to provide further financial relief. These foreclosure prevention efforts will reduce foreclosures and the related losses providing a solution for customers and protecting investors. This program is in line with the Corporation s original expectations upon acquisition and is not expected to impact the Corporation s purchase accounting adjustments.

## Complex Accounting Estimates

Our significant accounting principles, as described in Note 1 Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation s 2007 Annual Report on Form 10-K, are essential in understanding the MD\&A. Many of our significant accounting principles require complex judgments to estimate values of assets and liabilities. We have procedures and processes to facilitate making these judgments. The balance of our MSRs has increased substantially with the acquisition of Countrywide on July 1, 2008. As such, we have added a discussion on MSRs below. We have also provided the Fair Value of Financial Instruments portion of our Complex Accounting Estimates due to the current market disruptions and illiquidity in the marketplace. Other complex accounting estimates are summarized in Complex Accounting Estimates on pages 68 through 71 of the MD\&A of the Corporation s 2007 Annual Report on Form 10-K.

## Mortgage Servicing Rights

MSRs are nonfinancial assets that are created when the underlying 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 to mortgage banking income. At September 30, 2008, our total MSR balance was $\$ 21.1$ 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 impact our net income. For example, decreasing the prepayment rate assumption by 10 percent while keeping all other assumptions unchanged could have resulted in an estimated increase of $\$ 757$ million in mortgage banking income at September 30, 2008. In order to validate our assumptions we periodically benchmark estimates used to independent appraisals.

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 MSRs fair value through the use of risk management instruments. To reduce the sensitivity of earnings to interest rate and market value fluctuations, certain derivatives such as options, securities and interest rate swaps may be used as economic hedges of the MSRs, but are not designated as hedges under SFAS 133. These derivatives are marked to market and recognized through mortgage banking income. The impact provided above does not reflect any hedge strategies that may be undertaken to mitigate such risk.

For additional information on MSRs, including the sensitivity of weighted average lives and the fair value of MSRs to changes in modeled assumptions, see Note 17-Mortgage Servicing Rights to the Consolidated Financial Statements.

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## Fair Value of Financial Instruments

We determine the fair market values of financial instruments based on the fair value hierarchy established in SFAS 157 which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair value. We carry certain corporate loans and loan commitments, LHFS, structured reverse repurchase agreements, and long-term deposits at fair value in accordance with SFAS 159. We also carry trading account assets and liabilities, derivative assets and liabilities, AFS debt and marketable equity securities, MSRs, and certain other assets at fair value. For more information, see Note 16 Fair Value Disclosures to the Consolidated Financial Statements.

The values of assets and liabilities recorded at fair value include adjustments for market liquidity, credit quality and other deal specific factors, where appropriate. To ensure the prudent application of estimates and management judgment in determining the fair value of these assets and liabilities, various processes and controls have been adopted, which include: a model validation policy that requires a 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 value inputs. Our reliance on the receipt of this information is tempered by the knowledge of how the broker and/or pricing service develops its data, with a higher reliance being applied to those that are more directly observable and lesser reliance being applied on 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 recorded at fair value, which is primarily based on actively traded markets where prices are based on either direct market quotes or observed transactions. Liquidity is a significant factor in the determination of the fair value of trading account assets or 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 the market sperception 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 rating agencies. At September 30, 2008, $\$ 7.7$ billion, or four percent, of trading account assets were classified as level 3 fair value assets. No trading account liabilities were classified as level 3 liabilities at September 30, 2008.

The fair values of derivative assets and liabilities traded in the over-the-counter 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 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 Corporation does incorporate, consistent with the requirements of SFAS 157, within its fair value measurements of over-the-counter 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 within the determination of fair value, primarily based on historical experience, adjusted for any more recent name specific expectations.

At September 30, 2008, the level 3 fair values of derivative assets and liabilities determined by these quantitative models were $\$ 9.1$ billion and $\$ 7.4$ billion. These amounts reflect the full fair value of the derivatives and do not isolate the discrete value associated with the subjective valuation variable. Further, they represent two percent and one percent of derivative assets and liabilities, before the impact of legally enforceable master netting agreements. For the nine months ended September 30, 2008, 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.

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 ever-changing market environment. To evaluate risk in our trading activities, we focus on the actual and

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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 which is not expected to be exceeded with a specified confidence level, to measure and manage market risk. At September 30, 2008, the amount of our VAR was $\$ 107$ million based on a 99 percent confidence level. For more information on VAR, see Trading Risk Management beginning on page 155.

AFS debt and marketable equity securities are recorded at fair value, which is generally based on quoted market prices or market prices for similar assets.

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## Glossary

Assets in Custody Consist largely of custodial and non-discretionary trust assets administered for customers excluding brokerage assets. 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 Global Wealth and Investment Management which generate asset management fees based on a percentage of the assets market value. 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 Loan A loan or security which 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.

CDO-Squared A type of CDO where the underlying collateralizing securities include tranches of other CDOs.
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.

Committed Credit Exposure Includes any funded portion of a facility plus the unfunded portion of a facility on which the Corporation is legally bound to advance funds during a specified period under prescribed conditions.

Core Net Interest Income - Managed Basis Net interest income on a fully taxable-equivalent basis excluding the impact of market-based activities and certain securitizations.

Credit Default Swaps (CDS) A derivative contract that provides protection against the deterioration of credit quality and would allow one party to receive payment in the event of default by a third party under a borrowing arrangement.

Derivative A contract or agreement whose value is derived from changes in an underlying index such as interest rates, foreign exchange rates or prices of securities. Derivatives utilized by the Corporation include swaps, financial futures and forward settlement contracts, and option contracts.

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 reclassified into 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.

Home Equity Rapid Amortization Event Certain events defined by the Corporation s home equity securitizations documents, including when aggregate draws on monoline insurer s policies (which protect the bondholders in the securitization) exceed a specified threshold. The existence of a rapid amortization event affects the flow of funds and may cause acceleration of payments to the holders of the notes.

Interest-only (IO) 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 special purpose entity as part of an asset securitization transaction qualifying for sale treatment under GAAP.

Interest Rate Lock Commitments (IRLCs) Commitment with a loan applicant in which the loan terms, including interest rate, are guaranteed for a designated period of time subject to credit approval.

Letter of Credit A document issued by the Corporation on behalf of a customer to a third party promising to pay that third party upon presentation of specified documents. A letter of credit effectively substitutes the Corporation s credit for that of the Corporation s customer.

Managed Basis Managed basis assumes that securitized loans were not sold and presents earnings on these loans in a manner similar to the way loans that have not been sold (i.e., held loans) are presented. Noninterest income, both on a held and managed basis, also includes the impact of adjustments to the interest-only strip that are recorded in card income.

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Managed Net Losses Represents net charge-offs on held loans combined with realized credit losses associated with the securitized loan portfolio.

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 interest-earning assets.

Operating Basis A basis of presentation not defined by GAAP that excludes merger and restructuring charges.
Option-Adjusted Spread (OAS) The spread that is added to the discount rate so that the sum of the discounted cash flows equals the market price, thus, it is a measure of the extra yield over the reference discount factor (i.e., the forward swap curve) that a company is expected to earn by holding the asset.

Qualified Special Purpose Entity (QSPE) A special purpose entity whose activities are strictly limited to holding and servicing financial assets and meet the requirements set forth in SFAS 140. A qualified special purpose entity is generally not required to be consolidated by any party.

Return on Average Common Shareholders Equity (ROE) Measures the earnings contribution of a unit as a percentage of the shareholders equity allocated to that unit.

Return on Average Tangible Shareholders Equity (ROTE) Measures the earnings contribution of a unit as a percentage of the shareholders equity allocated to that unit reduced by allocated goodwill.

Securitize / Securitization A process by which financial assets are sold to a special purpose entity, which then issues securities collateralized by those underlying assets, and the return on the securities issued is based on the principal and interest cash flow of the underlying assets.

Structured Investment Vehicle (SIV) An entity that issues short duration debt and uses the proceeds from the issuance to purchase longer-term fixed income securities.

Subprime Loans Although a standard 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 (generally less than 620 for secured products and 660 for unsecured products), 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 the CDO vehicles. These financial instruments benefit from the subordination of all other securities, including AAA-rated securities, issued by the CDO vehicles.

Unrecognized Tax Benefit (UTB) The difference between the benefit recognized for a tax position in accordance with FIN 48, which is measured as the largest dollar amount of that position that is more-likely-than-not to be sustained upon settlement, and the tax benefit claimed on a tax return.

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.

Variable Interest Entities (VIE) A term defined by FIN 46R for an entity whose equity investors do not have a controlling financial interest. The entity may not have sufficient equity at risk to finance its activities without additional subordinated financial support from third parties. The equity investors may lack the ability to make significant decisions about the entity s activities, or they may not absorb the losses or receive the residual returns generated by the assets and other contractual arrangements of the VIE. The entity that will absorb a majority of expected variability (the sum of the absolute values of the expected losses and expected residual returns) consolidates the VIE and is referred to as the primary beneficiary.

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| Accounting Pronouncements |  |
| :---: | :---: |
| SFAS 52 | Foreign Currency Translation |
| SFAS 109 | Accounting for Income Taxes |
| SFAS 133 | Accounting for Derivative Instruments and Hedging Activities, as amended |
| SFAS 140 | Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities a replacement of FASB Statement No. 125 |
| SFAS 142 | Goodwill and Other Intangible Assets |
| SFAS 157 | Fair Value Measurements |
| SFAS 159 | The Fair Value Option for Financial Assets and Financial Liabilities |
| FIN 46R | Consolidation of Variable Interest Entities (revised December 2003) an interpretation of ARB No. 51 |
| FIN 48 | Accounting for Uncertainty in Income Taxes, an interpretation of FASB Statement No. 109 |
| SAB 109 | Written Loan Commitments Recorded at Fair Value Through Earnings |
| FSP 13-2 | Accounting for a Change or Projected Change in the Timing of Cash Flows Relating to Income Taxes Generated by a Leveraged Lease Transaction |
| SOP 03-3 | Accounting for Certain Loans or Debt Securities Acquired in a Transfer |

## Acronyms

| ABS | Asset-backed securities |
| :--- | :--- |
| AFS | Available-for-sale |
| AICPA | American Institute of Certified Public Accountants |
| ALCO | Asset and Liability Committee |
| ALM | Asset and liability management |
| ARS | Auction rate securities |
| CDO | Collateralized debt obligation |
| CLO | Collateralized loan obligation |
| CMBS | Commercial mortgage-backed securities |
| CRC | Credit Risk Committee |
| EPS | Earnings per common share |
| FASB | Financial Accounting Standards Board |
| FDIC | Federal Deposit and Insurance Corporation |
| FFIEC | Federal Financial Institutions Examination Council |
| FIN | Financial Accounting Standards Board Interpretation |
| FRB | Board of Governors of the Federal Reserve System |
| FSP | Financial Accounting Standards Board Staff Position |
| FTE | Fully taxable-equivalent |
| GAAP | Generally accepted accounting principles in the United States |
| GRC | Global Markets Risk Committee |
| IPO | Initial public offering |
| LHFS | Loans held-for-sale |
| LIBOR | London InterBank Offered Rate |
| MD\&A | Management s Discussion and Analysis of Financial Condition and Results of Operations |
| OCC | Office of the Comptroller of the Currency |


| OCI | Other comprehensive income |
| :--- | :--- |
| SBLCs | Standby letters of credit |
| SEC | Securities and Exchange Commission |
| SFAS | Financial Accounting Standards Board Statement of Financial Accounting Standards |
| SOP | American Institute of Certified Public Accountants Statement of Position |
| SPE | Special purpose entity |

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## Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

See Management s Discussion and Analysis of Financial Condition and Results of Operations Market Risk Management beginning on page 155 and the sections referenced therein for Quantitative and Qualitative Disclosures about Market Risk.

## Item 4. CONTROLS AND PROCEDURES

## Evaluation of disclosure controls and procedures

The Corporation s disclosure controls and procedures are designed to ensure that information required to be disclosed under the Securities Exchange Act of 1934 (the Exchange Act) securities laws is accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer.

As of the end of the period covered by this report and pursuant to Rule 13a-15 of the Exchange Act, the Corporation s management, including the Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness and design of the Corporation s disclosure controls and procedures (as that term is defined in Rule 13a-15(e) of the Exchange Act). Based upon that evaluation, the Corporation s Chief Executive Officer and Chief Financial Officer concluded, as of the end of the period covered by this report, that the Corporation s disclosure controls and procedures were effective in recording, processing, summarizing and reporting information required to be disclosed by the Corporation, within the time periods specified in the Securities and Exchange Commission s rules and forms.

## Changes in internal controls

As of the end of the period covered by this report, there have been no changes in the Corporation $s$ internal control over financial reporting (as defined in Rule 13a-15(f) of the Exchange Act) during the quarter to which this report relates that have materially affected or are reasonably likely to materially affect the Corporation s internal control over financial reporting.

## Part II. OTHER INFORMATION

## Item 1. Legal Proceedings

See Note 12 Commitments and Contingencies to the Consolidated Financial Statements for litigation and regulatory disclosure that supplements the disclosure in the Corporation s 2007 Annual Report on Form 10-K.

## Item 1A. Risk Factors

There are no material changes from the risk factors set forth under Part 1A. Risk Factors in the Corporation s 2007 Annual Report on Form 10-K, other than the addition of the following risk factors:

## There can be no assurance that recently enacted legislation authorizing the U.S. government to take direct actions within the financial services industry will help stabilize the U.S. financial system.

On October 3, 2008, the President signed into law the Emergency Economic Stabilization Act of 2008 (the EESA). The legislation was the result of a proposal by Treasury Secretary Henry Paulson to the U.S. Congress on September 20, 2008 in response to the financial crises affecting the banking system and financial markets and going concern threats to investment banks and other financial institutions. Pursuant to the EESA, the U.S. Treasury will have the authority to, among other things, invest in financial institutions and purchase up to $\$ 700$ billion of mortgages, mortgage-backed securities and certain other financial instruments from financial institutions for the purpose of stabilizing and providing

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liquidity to the U.S. financial markets. Pursuant to this authority, the U.S. Treasury has announced its Capital Purchase Program, under which it has begun to purchase up to $\$ 250$ billion of preferred stock in eligible institutions, including Bank of America, to increase the flow of financing to U.S. businesses and consumers and to support the U.S. economy. In addition, other recent regulatory measures designed to strengthen financial market stability include actions enabling the FDIC to temporarily guarantee the newly-issued senior debt of FDIC-insured institutions and their holding companies, as well as deposits in noninterest-bearing deposit transaction accounts, and the Federal Reserve s Commercial Paper Funding Facility, providing a backstop for the commercial paper market of high quality issuers. There can be no assurance, however, as to the actual impact that the EESA and these related actions will have on the financial markets, including the extreme levels of volatility and limited credit availability currently being experienced. The failure of the EESA and these related actions to help stabilize the financial markets and a continuation or worsening of current financial market conditions could materially and adversely affect our business, financial condition, results of operations, access to credit or the trading price of our securities.

## Difficult market conditions have adversely affected our industry.

Given the significance of our business in the U.S., we are particularly exposed to downturns in the U.S. economy. Dramatic declines in the housing market over the past year, with falling home prices and increasing foreclosures, unemployment and under-employment, have negatively impacted the credit performance of mortgage loans and resulted in significant write-downs of asset values by financial institutions, including government-sponsored entities as well as major commercial and investment banks. These write-downs, initially of mortgage-backed securities but spreading to credit default swaps and other derivative and cash securities, in turn, have caused many financial institutions to seek additional capital, to merge with larger and stronger institutions and, in some cases, to fail. Reflecting concern about the stability of the financial markets generally and the strength of counterparties, many lenders and institutional investors have reduced or ceased providing funding to borrowers, including to other financial institutions. This market turmoil and tightening of credit have led to an increased level of commercial and consumer delinquencies, lack of consumer confidence, increased market volatility and widespread reduction of business activity generally. The resulting economic pressure on consumers and lack of confidence in the financial markets has adversely affected our business, financial condition and results of operations. We do not expect that the difficult conditions in the financial markets are likely to improve in the near future. A worsening of these conditions would likely exacerbate the adverse effects of these difficult market conditions on us and others in the financial institutions industry. In particular, we may face the following risks in connection with these events:

We expect to face increased regulation of our industry, including as a result of the EESA. Compliance with such regulation may increase our costs and limit our ability to pursue business opportunities.

Market developments may affect consumer confidence levels and may cause declines in credit card usage and adverse changes in payment patterns, causing increases in delinquencies and default rates, which we expect could impact our charge-offs and provision for credit losses.

Our ability to assess the creditworthiness of our customers or to estimate the values of our assets may be impaired if the models and approaches we use become less predictive of future behaviors, valuations, assumptions or estimates. The process we use to estimate losses inherent in our credit exposure or estimate the value of certain assets requires difficult, subjective, and complex judgments, including forecasts of economic conditions and how these economic predictions might impair the ability of our borrowers to repay their loans or impact the value of assets, which may no longer be capable of accurate estimation which may, in turn, impact the reliability of the process.

Our ability to borrow from other financial institutions or to engage in securitization funding transactions on favorable terms or at all could be adversely affected by further disruptions in the capital markets or other events, including actions by rating agencies and deteriorating investor expectations.

Competition in our industry could intensify as a result of the increasing consolidation of financial services companies in connection with current market conditions.

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We may be required to pay significantly higher FDIC premiums because market developments have significantly depleted the insurance fund of the FDIC and reduced the ratio of reserves to insured deposits.

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## Current levels of market volatility are unprecedented.

The capital and credit markets have been experiencing volatility and disruption for more than 12 months. In recent weeks, the volatility and disruption has reached unprecedented levels. In some cases, the markets have produced downward pressure on stock prices and credit availability for certain issuers without regard to those issuers underlying financial strength. If current levels of market disruption and volatility continue or worsen, there can be no assurance that we will not experience an adverse effect, which may be material, on our ability to access capital and on our business, financial condition and results of operations.

## The soundness of other financial institutions could adversely affect us.

Our ability to engage in routine funding transactions could be adversely affected by the actions and commercial soundness of other financial institutions. Financial services institutions are interrelated as a result of trading, clearing, counterparty or other relationships. We have exposure to many different industries and counterparties, and we routinely execute transactions with counterparties in the financial industry, including brokers and dealers, commercial banks, investment banks, mutual and hedge funds, and other institutional clients. As a result, defaults by, or even rumors or questions about, one or more financial services institutions, or the financial services industry generally, have led to market-wide liquidity problems and could lead to losses or defaults by us or by other institutions. Many of these transactions expose us to credit risk in the event of default of our counterparty or client. In addition, our credit risk may be exacerbated when the collateral held by us cannot be realized upon or is liquidated at prices not sufficient to recover the full amount of the loan or derivative exposure due us. There is no assurance that any such losses would not materially and adversely affect our results of operations.

Any reduction in the credit ratings of our securities could increase the cost of our funding from the capital markets or impair our ability to engage in securitization funding transactions.

Although our long-term debt is currently rated investment grade by the major rating agencies, the ratings of that debt have been downgraded during 2008 by all of the major rating agencies. These rating agencies regularly evaluate us and our securities, and their ratings of our long-term debt and other securities, including asset securitizations, are based on a number of factors, including our financial strength as well as factors not entirely within our control, including conditions affecting the financial services industry generally. In light of the difficulties in the financial services industry and the financial markets, there can be no assurance that we will maintain our current ratings. Our failure to maintain those ratings could adversely affect the cost and other terms upon which we are able to obtain funding and increase our cost of capital or our ability to engage in securitization funding transactions at all.

## We may fail to realize all of the anticipated benefits of a merger with Merrill Lynch.

Completion of the Merrill Lynch merger is subject to certain customary conditions, including, among others, approval of the stockholders of both Bank of America and Merrill Lynch and receipt of regulatory approvals. If the Merrill Lynch merger is completed, its success will depend, in part, on our ability to realize the anticipated benefits and cost savings from combining the businesses of Bank of America and Merrill Lynch. However, to realize these anticipated benefits and cost savings, we must successfully combine the businesses of Bank of America and Merrill Lynch. If we are not able to achieve these objectives, the anticipated benefits and cost savings of the merger may not be realized fully or at all or may take longer to realize than expected.

Bank of America and Merrill Lynch have operated and, until the completion of the merger, will continue to operate, independently. It is possible that the integration process could result in the loss of key employees, the disruption of each company s ongoing businesses or inconsistencies in standards, controls, procedures and policies that adversely affect our ability to maintain relationships with clients, customers, depositors and employees or to achieve the anticipated benefits of the merger. Integration efforts between the two companies will also divert management attention and resources. These integration matters could have an adverse effect on Merrill Lynch and Bank of America during such pre-merger transition period and for an undetermined period after consummation of the merger.

## Many of the difficult market conditions that we face have adversely impacted Merrill Lynch as well.

Merrill Lynch and its business are subject to many of the same difficulties resulting from the market turmoil and tightening of credit as we are. Merrill Lynch has exposure to the mortgage market through securities, derivatives, loans and loan commitments, including CDOs and subprime mortgages or related securities, with respect to which Merrill Lynch has

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entered into credit derivatives with various counterparties, including financial guarantors. Like us, Merrill Lynch also faces counterparty risk. Valuation of these exposures will continue to be impacted by external market factors, including default rates, rating agency actions, and the prices at which observable market transactions occur and the continued availability of these transactions. Merrill Lynch sability to mitigate its risk by selling or hedging its exposures is also limited by the market environment, and its future results may continue to be materially impacted by the valuation adjustments applied to these positions. Many of the risks discussed above relating to the financial institutions industry, the difficult market conditions that exist in our industry, the volatility of the capital and credit markets and our credit risks apply to Merrill Lynch as well. Certain of these risks may have a differing impact, which in certain cases may be, or may have been, more adverse with respect to Merrill Lynch than with respect to us. In addition, Merrill Lynch may face risks in addition to those that we face.

## Item 2. Unregistered Sales of Equity Securities and the Use of Proceeds

The table below presents share repurchase activity for the three and nine months ended September 30, 2008 and 2007, including total common shares repurchased under announced programs, weighted average per share price and the remaining buyback authority under announced programs. For additional information on shareholders equity and earnings per common share, see Note 13 Shareholders Equity and Earnings Per Common Share to the Consolidated Financial Statements. Under the Troubled Asset Relief Program Capital Purchase Program repurchases of the Corporation s outstanding preferred and common stock are subject to certain restrictions. For more information on these restrictions, see Note 19 Subsequent Events to the Consolidated Financial Statements.

(1) There were no share repurchases during the nine months ended September 30, 2008.
(2) On July 23, 2008, the Board of Directors (the Board) authorized a stock repurchase program of up to 75 million shares of the Corporation s common stock at an aggregate cost not to exceed $\$ 3.75$ billion and for 12 to 18 months. On January 24, 2007, the Board authorized a stock repurchase program of up to 200 million shares of the Corporation s common stock at an aggregate cost not to exceed $\$ 14.0$ billion. This stock repurchase program expired on July 24 ,

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2008. On April 26, 2006, the Board authorized a stock repurchase program of up to 200 million shares of the Corporation s common stock at an aggregate cost not to exceed $\$ 12.0$ billion and to be completed within a period of 12 to 18 months. This stock repurchase plan was completed during the third quarter of 2007 .
(3) Reduced shareholders equity by $\$ 3.7$ billion and increased diluted earnings per common share by approximately $\$ 0.02$ for the nine months ended September 30, 2007. These repurchases were partially offset by the issuance of approximately 49.7 million shares of common stock under employee plans, which increased shareholders equity by $\$ 2.3$ billion, net of $\$ 113$ million of deferred compensation related to restricted stock awards, and decreased diluted earnings per common share by approximately $\$ 0.01$ for the nine months ended September 30, 2007.

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## Item 6. Exhibits

Exhibit 2(a) Agreement and Plan of Merger dated as of September 15, 2008 by and between Merrill Lynch \& Co., Inc. and Bank of America Corporation, incorporated herein by reference to Exhibit 2.1 of the Registrant s Current Report on Form 8-K filed September 18, 2008
Exhibit 3(a) Amended and Restated Certificate of Incorporation of the Registrant, as in effect on the date hereof
Exhibit 3(b) Amended and Restated Bylaws of the Registrant, as in effect on the date hereof, incorporated by reference to Exhibit 3.1 of the Registrant s Current Report on Form 8-K filed January 24, 2007
Exhibit 4(a) Certificate of Designations of Fixed Rate Cumulative Perpetual Preferred Stock, Series N, of the Registrant, included in Exhibit 3(a) hereof

Exhibit 11 Earnings Per Share Computation - included in Note 13 Shareholders Equity and Earnings Per Common Share to the Consolidated Financial Statements
Exhibit $12 \quad$ Ratio of Earnings to Fixed Charges Ratio of Earnings to Fixed Charges and Preferred Dividends

Exhibit 31(a) Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
Exhibit 31(b) Certification of the Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
Exhibit 32(a) Certification of the Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Exhibit 32(b) Certification of the Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

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## SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

## Bank of America Corporation

Registrant

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## Bank of America Corporation

## Form 10-Q

## Index to Exhibits

Exhibit Description
2(a) Agreement and Plan of Merger dated as of September 15, 2008 by and between Merrill Lynch \& Co., Inc. and Bank of America Corporation, incorporated herein by reference to Exhibit 2.1 of the Registrant s Current Report on Form 8-K filed September 18, 2008

4(a) Certificate of Designations of Fixed Rate Cumulative Perpetual Preferred Stock, Series N, of the Registrant, included in Exhibit 3(a) hereof

11 Earnings Per Share Computation - included in Note 13 Shareholders Equity and Earnings Per Common Share to the Consolidated Financial Statements

12 Ratio of Earnings to Fixed Charges Ratio of Earnings to Fixed Charges and Preferred Dividends

31(a) Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
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32(b) Certification of the Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002


[^0]:    ${ }^{(3)}$ Includes adjustments for the fair value of certain Countrywide stock-based compensation awards of 507 thousand shares and $\$ 86$ million.
    See accompanying Notes to Consolidated Financial Statements.

[^1]:    ${ }^{(1)}$ Represents the total contract/notional amount of the derivatives outstanding and includes both written and purchased protection.

[^2]:    ${ }^{(1)}$ Nonaccretable difference represents gross contractually required payments including interest less expected cash flows.

[^3]:    ${ }^{(1)}$ For the three and nine months ended September 30, 2008, average options to purchase 211 million and 176 million shares were outstanding but not included in the computation of earnings per common share because they were antidilutive. For the three and nine months ended September 30, 2007, average options to purchase 33 million and 27 million shares were outstanding but not included in the computation of earnings per common share because they were antidilutive. For the three and nine months ended September 30, 2008, 138 million and 124 million average dilutive potential common shares associated with the convertible Series L Preferred Stock issued in January of 2008 were excluded from the diluted share count because the result would have been antidilutive under the if-converted method.

[^4]:    ${ }^{(1)}$ Includes the results of Countrywide. The net periodic benefit cost of the Countrywide Qualified Pension Plan was $\$ 15$ million for the three and nine months ended September 30, 2008. The net periodic benefit cost of the Countrywide Nonqualified Pension Plan was not material and Countrywide did not have a Postretirement Health and Life Plan.
    During 2008, the Corporation expects to contribute $\$ 147$ million and $\$ 101$ million to its nonqualified pension plans and postretirement health and life plans. For the nine months ended September 30, 2008, the Corporation contributed $\$ 125$ million and $\$ 76$ million to these plans. The Corporation does not expect to contribute to its qualified pension plans during 2008.

[^5]:    ${ }^{(2)}$ Loans and leases at September 30, 2008 and December 31, 2007 included $\$ 22.4$ billion and $\$ 22.6$ billion of leases that were not eligible for the fair value option as leases are specifically excluded from fair value option election in accordance with SFAS 159.

[^6]:    (1) Amounts represent items which are accounted for at fair value in accordance with SFAS 159.

[^7]:    (4) FTE basis

[^8]:    ${ }^{(1)}$ Provision for credit losses represents provision for credit losses on held loans combined with realized credit losses associated with the securitized loan portfolio.

[^9]:    (2) The securitization impact on net interest income is on a funds transfer pricing methodology consistent with the way funding costs are allocated to the businesses.

[^10]:    (3) FTE basis

[^11]:    the Consolidated Financial Statements.

[^12]:    ${ }^{(1)}$ Tangible shareholders equity is a non-GAAP measure. For additional information on ROTE and a corresponding reconciliation of tangible shareholders equity to a GAAP financial measure, see Supplemental Financial Data beginning on page 71.
    (2) We account for acquired impaired loans in accordance with SOP 03-3. For more information on the impact of SOP 03-3 on asset quality, see Consumer Portfolio Credit Risk beginning on page 123.
    (3) Includes the allowance for loan and lease losses, and the reserve for unfunded lending commitments.
    ${ }^{(4)}$ Balances and ratios do not include nonperforming LHFS included in other assets and nonperforming AFS debt securities.
    ${ }^{(5)}$ Balances and ratios do not include loans measured at fair value in accordance with SFAS 159.

[^13]:    ${ }^{(1)}$ FTE basis
    (2) Represents the impact of market-based amounts included in the CMAS business within GCIB. For the three and nine months ended September 30, 2008, the impact of market-based net interest income excludes $\$ 23$ million and $\$ 75$ million of net interest income on loans for which the fair value option has been elected and is not considered market-based income. For the three and nine months ended September 30, 2007, the impact of market-based net interest income excludes $\$ 22$ million and $\$ 44$ million of net interest income on loans for which the fair value option has been elected and is not considered market-based income.
    ${ }^{(3)}$ Represents the impact of securitizations utilizing actual bond costs. This is different from the segment view which utilizes funds transfer pricing methodologies.
    (4) Calculated on an annualized basis.

[^14]:    ${ }^{(1)}$ Presented on a managed basis, specifically Card Services.

[^15]:    ${ }^{(1)}$ Presented on a managed basis, specifically Card Services.

[^16]:    (1) Includes $\$ 23$ million and $\$ 22$ million of net interest income on loans for which the fair value option has been elected and is not considered market-based income for the three months ended September 30, 2008 and 2007. For more information, see the market-based revenue discussion on page 92.

[^17]:    ${ }^{(1)}$ Includes $\$ 75$ million and $\$ 44$ million of net interest income on loans for which the fair value option has been elected and is not considered market-based income for the nine months ended September 30, 2008 and 2007. For more information, see the market-based revenue discussion on page 92.

[^18]:    (2) FTE basis

[^19]:    (1) Net of insurance.
    (2) Represents CDO exposure that was reclassified from super senior liquidity commitments to other super senior exposure as the Corporation is no longer providing liquidity.

[^20]:    (2) FTE basis

[^21]:    (1) The definition of nonperforming does not include consumer credit card and consumer non-real estate loans and leases. These loans are charged off no later than the end of the month in which the account becomes 180 days past due.
    (2) Nonperforming consumer loans and leases as a percentage of outstanding consumer loans and leases were 1.14 percent (1.22 percent excluding the SOP 03-3 portfolio) and 0.62 percent at September 30, 2008 and December 31, 2007.
    (3) Balances do not include loans accounted for in accordance with SOP 03-3 even though the customer may be contractually past due. Loans accounted for in accordance with SOP 03-3 were written down to fair value upon acquisition and accrete interest income over the remaining life of the loan.
    (4) Accruing consumer loans and leases past due 90 days or more as a percentage of outstanding consumer loans and leases were 0.62 percent ( 0.66 percent excluding the SOP 03-3 portfolio) and 0.57 percent at September 30, 2008 and December 31, 2007.
    (5) Represents acquired loans from Countrywide that were considered impaired and written down to fair value at the acquisition date in accordance with SOP 03-3. These amounts are included in the Outstandings column in this table.
    (6) Discontinued real estate includes pay option loans and subprime loans obtained in connection with the acquisition of Countrywide. The Corporation no longer originates these products.
    (7) Outstandings include foreign consumer loans of $\$ 2.4$ billion and $\$ 3.4$ billion at September 30, 2008 and December 31, 2007.
    (8) Outstandings include consumer finance loans of $\$ 2.7$ billion and $\$ 3.0$ billion, and other foreign consumer loans of $\$ 736$ million and $\$ 829$ million at September 30, 2008 and December 31, 2007.
    $\mathrm{n} / \mathrm{a}=$ not applicable

[^22]:    (1) Net charge-off/loss ratios are calculated as annualized held net charge-offs or managed net losses divided by average outstanding held or managed loans and leases during the period for each loan and lease category.
    $\mathrm{n} / \mathrm{a}=$ not applicable

[^23]:    ${ }^{(1)}$ Represents additional net charge-offs for the three months ended September 30, 2008 had the portfolio not been subject to SOP 03-3.

[^24]:    (1) Balances do not include nonperforming LHFS included in other assets of $\$ 304$ million, $\$ 218$ million, $\$ 157$ million, $\$ 95$ million, and $\$ 63$ million at September 30, 2008, June 30, 2008, March 31, 2008, December 31, 2007, and September 30, 2007, respectively.

[^25]:    ${ }^{(2)}$ Consumer loans and leases may be restored to performing 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.

[^26]:    (1) Nonperforming commercial loans and leases as a percentage of outstanding commercial loans and leases excluding loans measured at fair value were 1.45 percent and 0.67 percent at September 30, 2008 and December 31, 2007.
    (2) Accruing commercial loans and leases past due 90 days or more as a percentage of outstanding commercial loans and leases excluding loans measured at fair value were 0.32 percent and 0.19 percent at September 30, 2008 and December 31, 2007.
    (3) Excludes small business commercial domestic loans.
    (4) Small business commercial domestic is primarily card related.
    (5) Certain commercial loans are measured at fair value in accordance with SFAS 159 and include commercial domestic loans of $\$ 4.0$ billion and $\$ 3.5$ billion, commercial foreign loans of $\$ 1.2$ billion and $\$ 790$ million and commercial real estate loans of $\$ 213$ million and $\$ 304$ million at September 30, 2008 and December 31, 2007.

[^27]:    ${ }^{(1)}$ Net charge-off ratios are calculated as annualized net charge-offs divided by average outstanding loans and leases excluding loans measured at fair value during the period for each loan and lease category.
    (2) Excludes small business commercial domestic loans.
    (3) Small business commercial domestic is primarily card related.

[^28]:    (4) In addition to loans and leases, exposure includes standby letters of credit, financial guarantees, commercial letters of credit and bankers acceptances for which the bank is legally bound to advance funds under prescribed conditions, during a specified period. Although funds have not been advanced, these exposure types are considered utilized for credit risk management purposes.

[^29]:    ${ }^{(1)}$ Balances do not include nonperforming LHFS included in other assets of $\$ 544$ million, $\$ 170$ million, $\$ 170$ million, $\$ 93$ million and $\$ 30$ million at September 30, 2008, June 30, 2008, March 31, 2008, December 31, 2007 and September 30, 2007, respectively. Balances do not include nonperforming AFS debt securities of $\$ 436$ million, $\$ 676$ million, $\$ 789$ million, $\$ 180$ million and $\$ 24$ million at September 30, 2008, June 30, 2008, March 31, 2008, December 31, 2007 and September 30, 2007, respectively. For more information on nonperforming AFS securities see the Cash Funds Support discussion on page 103.

[^30]:    (2) Balances do not include nonperforming derivative assets of $\$ 423$ million at September 30, 2008.

[^31]:    (1) Total commercial utilized and total commercial committed exposure includes loans and letters of credit measured at fair value in accordance with SFAS 159 and are comprised of loans outstanding of $\$ 5.4$ billion and $\$ 4.6$ billion, and issued letters of credit at notional value of $\$ 1.3$ billion and $\$ 1.1$ billion at September 30, 2008 and December 31, 2007. In addition, total commercial committed exposure includes unfunded loan commitments at notional value of $\$ 16.0$ billion and $\$ 19.8$ billion at September 30, 2008 and December 31, 2007.
    ${ }^{(2)}$ Includes small business commercial domestic exposure.
    ${ }^{(3)}$ Industries are viewed from a variety of perspectives to best isolate the perceived risks. For purposes of this table, the real estate industry is defined based upon the borrowers or counterparties primary business activity using operating cash flow and primary source of repayment as key factors.
    (4) Represents net notional credit protection purchased.

[^32]:    (1) In order to mitigate the cost of purchasing credit protection, credit exposure can be added by selling credit protection. The distribution of debt rating for net notional credit default protection purchased is shown as a negative and the net notional credit protection sold is shown as a positive amount.

[^33]:    ${ }^{(1)}$ There is no generally accepted definition of emerging markets. The definition that we use includes all countries in Asia Pacific excluding Japan, Australia and New Zealand; all countries in Latin America excluding Cayman Islands and Bermuda; all countries in Middle East and Africa; and all countries in Central and Eastern Europe excluding Greece.

