## UNITED STATES

## SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

## FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934
Date of Report (Date of Earliest Event Reported): March 1, 2004

## J.P. MORGAN CHASE \& CO.

(Exact Name of Registrant as Specified in its Charter)

## Delaware

(State or other jurisdiction of incorporation)
$\qquad$
(Commission File Number)
13-2624428
(IRS Employer
Identification Identification

Number)

270 Park Avenue, New York, NY 10017
(Address of principal executive offices) (zip code)
(212) 270-6000
(Registrant's telephone number, including area code)

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## Item 5. Other Events

As previously announced in the Current Report on Form 8-K of J.P. Morgan Chase \& Co., a Delaware corporation ("JPMorgan Chase"), filed with the Securities and Exchange Commission on January 28, 2004 (the "Prior Form 8-K"), JPMorgan Chase and Bank One Corporation, a Delaware corporation ("Bank One"), entered into an Agreement and Plan of Merger, dated as of January 14, 2004 (the "Merger Agreement"), whereby Bank One will merge with and into JPMorgan Chase (the "Merger") with JPMorgan Chase as the surviving entity. A copy of the Merger Agreement is attached as an exhibit to, and described in, the Prior Form 8-K.

Certain financial information for Bank One and pro forma combined financial information for the combined entity giving effect to the Merger is set forth below.

## Management's Discussion and Analysis of the Financial Condition and Results of Operations for Bank One

Reproduced below is management's discussion and analysis of the financial condition and results of operations for Bank One prepared by Bank One and included in its Annual Report on Form 10-K for the year ended December 31, 2003.

## FORWARD-LOOKING STATEMENTS

This discussion of financial results contains forward-looking statements about Bank One Corporation (the "Corporation"), including descriptions of plans or objectives of its management for future operations, products or services, and forecasts of its revenues, earnings or other measures of economic performance. Forward-looking statements can be identified by the fact that they do not relate strictly to historical or current facts. They often include the words "believe," "expect," "anticipate," "intend," "plan," "estimate" or words of similar meaning, or future or conditional verbs such as "will," "would," "should," "could" or "may."

Forward-looking statements, by their nature, are subject to risks and uncertainties. A number of factors - many of which are beyond the Corporation's control - could cause actual conditions, events or results to differ significantly from those described in the forward-looking statements. Some of these factors include certain credit, market, operational, liquidity and interest rate risks associated with the Corporation's business and operations. Other factors described in the Corporation's Form 10-K include changes in business and economic conditions, competition, fiscal and monetary policies, legislation and geopolitical environment.

Forward-looking statements speak only as of the date they are made. The Corporation does not undertake to update forward-looking statements to reflect circumstances or events that occur after the date the forward-looking statements are made or to reflect the occurrence of unanticipated events, such as market deterioration that adversely affects credit quality and asset values.

OVERVIEW OF MANAGEMENT'S DISCUSSION AND ANALYSIS

This overview of management's discussion and analysis highlights selected information in this document and may not contain all of the information that is important to you. For a more complete understanding of trends, events, commitments, uncertainties, liquidity, capital resources and critical accounting estimates, you should carefully read this entire document. These have an impact on the Corporation's financial condition and results of operations.

Net income for 2003 was $\$ 3.5$ billion, or $\$ 3.11$ per diluted share, an increase of $\$ 240$ million, or $7 \%$, compared to $\$ 3.3$ billion, or $\$ 2.80$ per diluted share. The Corporation experienced growth across many of its operating businesses with growth in deposit accounts, core deposits, consumer lending, capital markets, credit card activity and assets under management. In addition, the Corporation benefited from improvements in Commercial Banking credit quality.

Income from continuing operations, net of taxes, was $\$ 3.1$ billion, or $\$ 2.75$ per diluted share, compared to $\$ 3.3$ billion, or $\$ 2.77$ per diluted share. The current year included several significant after-tax items including a $\$ 268$ million benefit related to the release of Commercial Banking reserves and $\$ 78$ million of net securities gains, offset by a $\$ 264$ million net charge related to the transfer of $\$ 4.1$ billion of non-core home equity loans to held for sale, a $\$ 180$ million loss on mark-to-market adjustments on the credit derivatives portfolio, and a $\$ 103$ million charge related to the termination of debt and related hedges.

Income from discontinued operations, net of taxes, was $\$ 410$ million, or $\$ 0.36$ per diluted share, compared to $\$ 39$ million, or $\$ 0.03$ per diluted share. The current year included a $\$ 380$ million after-tax gain related to the sale of the corporate trust services business.

The Corporation continued to reinvest by expanding and upgrading its branch and ATM networks, rationalizing its technology infrastructure, and growing customer-facing staff. Systems consolidation efforts continued, which reduced multiple platforms in many lines of business and created a national banking platform while driving significant cost savings. In 2004, a new teller system will be installed across the branch network. Overall headcount was down 3\%, despite an expanded Retail sales force, added expertise in capital markets, and the addition of the staff related to the Zurich Life acquisition. Overall noninterest expense was up less than $2 \%$.

The Corporation grew consumer loans, especially home equity and credit card balances, however, it faced challenges in growing the Commercial Banking loan portfolio due to both weak market demand and tightened credit process. Overall funded loans declined $\$ 10$ billion, or $7 \%$. Despite the decline in funded commercial and industrial loans, new commitments increased in the latter part of 2003 for both corporate banking and middle market, which should drive increased balances in 2004. While loan demand remained weak for commercial and industrial loans, strong capital markets performance and improvement in credit quality drove higher returns in Commercial Banking.

The Corporation ceased origination of wholesale first mortgage and broker home equity loans to focus on direct lending.

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Home equity loans of $\$ 4.1$ billion were subsequently transferred to held for sale, resulting in a $\$ 415$ million pretax charge ( $\$ 264$ million after-tax) comprised of a $\$ 652$ million charge-off, of which $\$ 237$ million was absorbed by existing reserves. The non-core portfolios are liquidating at a steady pace, down $44 \%$ to $\$ 8.6$ billion. The Corporation does not anticipate that the non-core portfolios will have a negative impact on net income in the future.

The improvement in credit quality is evidenced by the decline in Commercial Banking net charge-offs and nonperforming loans of $60 \%$ and $45 \%$, respectively. During the year, $\$ 420$ million of the corporate banking allowance for credit losses was released, partially offset by mark-to-market adjustments on credit derivatives used to hedge risk in the commercial loan portfolios, negatively impacting trading income by $\$ 283$ million. The Corporation remains cautious given the influence of the competitive credit market on recent originations and the continued uncertainty existing in the economic and geopolitical environment.

Prior to 2003, the Corporation positioned its balance sheet for a rising rate environment. In 2003, actions were taken to reduce asset sensitivity although a defensive posture against rising rates was maintained and margin was negatively impacted. In addition, the Corporation repaid certain floating rate debt and unwound related hedges leading to a $\$ 162$ million loss, which improved funding costs beginning in the fourth quarter of 2003 . While a rising rate environment will generally be beneficial given the Corporation's asset sensitive position, the Corporation continuously reviews its asset and liability position to adjust for changes in the outlook

Card Services continues to operate in a competitive pricing environment that has resulted in margin pressure. As Card Services became more successful at pricing its portfolio for the underlying risks, margin began to improve during the second half of 2003. In a rising rate environment, margin could be compressed.

The Corporation continued to rationalize existing businesses and fill product gaps. Corporate trust services, an extremely volume driven business, was sold given the Corporation's market position. The Corporation expanded its market presence in credit cards as the Sony portfolio was purchased and several significant partnerships were established with brands such as Disney, Starbucks, and AARP. Additional product capabilities were also added to Investment Management Group, as the Corporation acquired Zurich Life, a significant underwriter of term life and variable annuity products, and Security Capital Research \& Management Incorporated ("Security Capital"), a recognized expert in developing and providing real estate investment products, with approximately $\$ 3.9$ billion in assets under management as of year-end 2003. Both Zurich Life and Security Capital bring strong market presence and distribution capabilities. As their products begin to be sold through the Corporation's existing distribution channels, earnings should benefit.

The private equity investments held by the Corporation increased by approximately $\$ 1$ billion as additional direct investments were made through One Equity Partners, a consolidated wholly-owned subsidiary. Overall market improvements drove an increase in the portfolio's performance in 2003.

The Corporation's capital and reserve ratios are among the strongest of any bank, with Tier 1 Capital of $10 \%$ and allowance for loan losses to period end loans of $2.75 \%$. Strong capital position and sound liquidity management remain important factors in maintaining the Corporation's credit ratings. Effective December 31, 2003, the Corporation consolidated $\$ 39.6$ billion of assets and liabilities related to its asset-backed conduit business as a result of the adoption of FASB Interpretation No. 46 (FIN No. 46). These assets and liabilities are included in the Commercial Banking line of business. This action did not have a material impact on earnings, Tier 1 or Total Capital.

## Subsequent Events

On January 14, 2004, the Corporation announced an agreement to merge with J.P. Morgan Chase \& Co. ("JPMorgan Chase") in a strategic business combination establishing the second largest banking franchise in the United States, based on core deposits. The combined entity will have assets of approximately $\$ 1.1$ trillion. The agreement provides for a stock-for-stock merger in which each share of the Corporation's common stock will be exchanged, on a tax-free basis, for 1.32 shares of JPMorgan Chase common stock. This transaction is expected to close in mid2004 pending regulatory and shareholder approvals.

On January 20, 2004, the Corporation announced an agreement to buy Circuit City's private-label credit card operation, including both its private-label credit card accounts and its co-branded Circuit City Plus Visa credit card accounts. This strategic acquisition provides Card Services with the platform to provide a more complete product offering.

## APPLICATION OF CRITICAL ACCOUNTING POLICIES

Generally accepted accounting principles are complex and require management to apply significant judgment to various accounting, reporting and disclosure matters. Management must use assumptions and estimates to apply these principles where actual measurement is not possible or practical.

For a complete discussion of the Corporation's significant accounting policies, see the footnotes to the Consolidated Financial Statements (pages 82-111) and discussion throughout this financial review document. Below is a plain-English discussion of the Corporation's critical accounting policies. These policies are critical because they are highly dependent upon subjective or complex judgments, assumptions and estimates. Changes in such estimates may have a significant impact on the financial statements. The impact of changes in key assumptions may not be linear. Management has reviewed the application of these policies with the Audit and Risk Management Committee of the Corporation's Board of Directors.

## Allowance for Credit Losses

The allowance for credit losses represents management's estimate of probable losses inherent in the Corporation's credit portfolios. In determining an adequate allowance, management makes numerous assumptions, estimates and assessments. At the end of 2003, the allowance for loan losses was $\$ 3.5$ billion, representing

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$2.75 \%$ of loans at year-end. The allowance for credit losses was $\$ 4.0$ billion and included the allowance for loan losses and the reserve for unfunded lending commitments and standby letters of credit, representing 3.14\% of loans at year-end.

The Corporation's allowance for credit losses consists of three components: asset-specific reserves, reserves based on expected loss estimates, and reserves based on stress test analysis. The Corporation's methodology for determining each component is more fully described on pages 55-56 and 70-71.

The asset-specific component applies to loans evaluated individually for impairment and is based on management's best estimate of discounted cash repayments and proceeds from liquidating collateral. The actual timing and amount of repayments and the ultimate realizable value of the collateral may differ from management's estimates.

The expected loss component for commercial credits utilizes internal risk ratings that are applied to individual credits based on the probability and amount of loss in the event of a default. These expected loss estimates are sensitive to changes in the risk profile of a customer, realizable value of collateral, other risk factors and actual loss experience.

The expected loss component for consumer credits is generally determined by applying statistical loss factors and other risk indicators to pools of loans by asset type. These expected loss estimates are sensitive to changes in delinquency status, credit bureau scores, the realizable value of collateral, and other risk factors.

The stress component represents the effect of probable economic deterioration above and beyond what is reflected in the asset-specific and expected loss components. This amount is determined based on the results of a series of tests that stress the credit portfolios. The Corporation's stress testing methodology is more fully described on pages 70-71.

The underlying assumptions, estimates and assessments used by management to determine these components are continually evaluated and updated to reflect management's current view of overall economic conditions and relevant factors impacting credit quality and inherent losses. Changes in such estimates could significantly impact the allowance and provision for credit losses in each business segment. The Corporation could experience credit losses that are different from the current estimates made by management.

Reserves related to unfunded lending commitments and standby letters of credit were reclassified from the allowance for loan losses to other liabilities during the fourth quarter. Prior period amounts have been reclassified to conform to the current presentation.

## Securitizations

Through the process of securitization, the Corporation packages loans, primarily credit card loans, into securities that are sold to investors or retained on the balance sheet. By applying detailed accounting guidelines, the Corporation determines if a securitization transaction results in a sale or a secured borrowing, the amount of any gain or loss on such sale, and the value of retained interests in the securitized assets. During 2003, Card Services
recognized $\$ 79$ million in gains from the securitization of $\$ 11.5$ billion in credit card receivables.

Management utilizes certain estimates and assumptions to determine the value of retained interests. These estimates and assumptions are generally based on projections of finance charges and fees related to the securitized assets, net credit losses, average life, the contractual fee to service the loans, a discount rate commensurate with the risk and contractual interest paid to third party investors. See page 93 for a pretax sensitivity analysis of the assumptions used to determine the fair values assigned to the Corporation's retained interests.

Changes in the estimates and assumptions used may have a significant impact on Card Services’ valuation of retained interests and the initial gain or loss on sale. See "Loan Securitizations and Off-Balance Sheet Activities" beginning on page 73 and Note 11 "Credit Card Securitizations" beginning on page 92 for further information on the Corporation's securitization activities.

## Valuation of Certain Financial Instruments

The majority of the Corporation's financial instruments that require fair value measurements are determined based on quoted market prices. The fair value of a publicly traded investment is determined using quoted market prices when the investment is unrestricted, otherwise fair value is estimated using quoted market prices adjusted for market liquidity, position size and sales restrictions other than time. The Corporation must, however, estimate the fair value of certain financial instruments, such as some principal investments, which are not publicly traded or are traded in limited markets. While the fair value of a publicly-traded investment is determined using quoted market prices, the fair value of some investments must be estimated based on the investees' financial results, conditions and prospects, values of comparable public companies, market liquidity and sale restrictions. For credit derivatives, amounts represent the estimated values at which financial instruments could be currently exchanged or settled between willing parties.

Other investments require the use of a discounted cash flow model or other modeling techniques utilizing observable market information to the extent available to estimate fair value. These fair value estimates are most sensitive to the timing and amount of actual cash flows and market liquidity.

Changes in these estimates may have a significant impact on the carrying amount and the related valuation gains and losses on these financial instruments in the Commercial Banking and Corporate lines of business.

## Insurance Policy and Claims Reserves

Insurance policy and claims reserves for the insurance business acquired were initially recognized in purchase accounting at fair value. Fair value was calculated using management's judgment of mortality, morbidity, expenses, persistency and interest rates. The carrying value of the liabilities is adjusted for actual experience, and changes are reflected in current period earnings.

Liabilities for future policy benefits for new annuity, universal life and other deposit type contracts are generally based on account value. The liability for new traditional life insurance poli-

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cies is calculated using management's judgment of mortality, morbidity, expenses, persistency and interest rates, including a provision for unfavorable deviation. See (q) "Insurance Policy and Claims Reserves" in Note 1, "Summary of Significant Accounting Policies" for specific assumptions used.

If the Corporation experiences either a $10 \%$ increase in the mortality rate or 910 basis point ("bp") decrease in interest spread, the negative impact on pretax income would be approximately $\$ 5$ million.

## Stock Option Compensation

Prior to 2002, the Corporation did not record compensation expense for stock option awards. In 2002, the Corporation began recognizing the expense associated with stock options granted during 2002 using the fair value method. Compensation cost is calculated based on the fair value of the award at the grant date, and is recognized as an expense over the vesting period of the grant. The Corporation uses the BlackScholes option pricing model to estimate the value of granted options. This model takes into account the option exercise price, the expected life, expected forfeitures, the current price of the underlying stock, the expected volatility of the Corporation's stock, expected dividends on the stock and a discount rate.

Since compensation cost is measured at the grant date, the only variable, whose change would impact expected compensation expense recognized in future periods for 2002 and 2003 grants, is actual forfeitures (except for the accelerated vesting of certain stock options as a result of the pending merger - see Note 20 "Stock-Based Compensation," beginning on page 101 for more information). For example, if the Corporation experiences a $50 \%$ lower forfeiture rate than estimated, compensation expense in the period of change would increase by $\$ 7$ million. See Note 20 "StockBased Compensation" beginning on page 101 for the specific assumptions used to calculate the fair value of options granted.

## Pension

The Corporation provides pension benefits to its employees. At the end of 2003, the fair value of the qualified pension plan assets was $\$ 3.2$ billion and the plan was overfunded. In accordance with applicable accounting rules, the Corporation does not consolidate the assets and liabilities associated with the pension plan. Instead, the Corporation recognizes a prepaid asset for contributions the Corporation has made to the pension plan in excess of pension expense. The measurement of the prepaid asset and the annual pension expense involves actuarial and economic assumptions.

The assumptions used in pension accounting relate to the expected rate of return on plan assets, the rate of increase in salaries, the interest-crediting rate, the discount rate and other assumptions. See Note 19 "Employee Benefits" beginning on page 99 for the specific assumptions used by the Corporation.

The annual pension expense for the Corporation is currently most sensitive to the return on asset assumption. For example, each 25 bp reduction in the 2004 expected rate of return of $7.5 \%$ would increase the Corporation's 2004 pension expense by approximately $\$ 8$ million. In addition, each 25 bp reduction in the 2004 discount rate of $6.0 \%$ would increase the Corporation's 2004 pension expense by approximately $\$ 3$ million.

## Financial Accounting Standards Board Interpretation No. 46

Effective December 31, 2003, the Corporation adopted FIN No. 46. FIN No. 46 prescribes a new consolidation model for entities that exercise control in ways other than through voting interests. The Corporation conducted a comprehensive review of its interests to assess whether consolidation was required. The review included the assessment of qualitative and quantitative factors to determine whether a variable interest or voting interest entity exists. FIN No. 46 requires significant judgment to be used when evaluating each entity (excluding entities exempted from FIN No. 46 such as qualifying special purpose entities ("QSPE") or investment companies governed by specialized industry accounting) in making the determination of whether that entity is a variable interest entity or a voting interest entity. A variable interest entity exists either when the entity does not have sufficient equity at risk or lacks any one of three characteristics normally associated with a controlling financial interest. If an entity is considered a variable interest entity, significant judgment and quantitative analysis typically is required to assess whether the Corporation should consolidate the entity as the primary beneficiary. The Corporation is considered the primary beneficiary when it has a variable interest that will absorb a majority of an entity's expected losses, receive a majority of an entity's expected residual returns, or both. Calculating the majority of expected losses or expected residual returns is highly subjective. As discussed beginning on page 74, as of December 31, 2003, the Corporation consolidated $\$ 39.6$ billion of assets and liabilities associated with its asset-backed conduit business. This consolidation did not have a material impact on earnings, Tier 1 or Total Capital. The consolidation will negatively impact the Leverage Ratio in the first quarter of 2004 by approximately 108 basis points ("bps").

The Corporation is involved in Special Purpose Entities ("SPEs") as the transferor. In such cases, the SPE must represent a qualifying SPE ("QSPE") or the Corporation consolidates the transferred financial assets. QSPE status is achieved when all conditions specified in SFAS No. 140, "Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities" ("SFAS No. 140") are met. Those conditions focus on whether the SPE is demonstrably distinct from the Corporation, limited to only permitted activities, limited on what assets the QSPE may hold, and limited on sales or other disposition of assets. The Corporation has determined that its credit card trusts are QSPEs and has obtained supporting legal opinions as applicable.

## SUMMARY OF CONSOLIDATED RESULTS

(All comparisons are to the prior year unless otherwise specified. Factors that are primarily related to a single business segment are discussed in more detail within that business segment than this consolidated section.)

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## Net Income

Net income was $\$ 3.5$ billion, or $\$ 3.11$ per diluted share, compared to $\$ 3.3$ billion, or $\$ 2.80$ per diluted share. Income from continuing operations was $\$ 3.1$ billion, or $\$ 2.75$ per diluted share, compared to $\$ 3.3$ billion, or $\$ 2.77$ per diluted share. Income from discontinued operations was $\$ 410$ million, or $\$ 0.36$ per diluted share, compared to $\$ 39$ million or $\$ 0.03$ per diluted share.

The current year income from discontinued operations included a $\$ 380$ million after-tax gain related to the sale of the corporate trust services business.

## Net Interest Income

Net interest income represents the spread on interest-earning assets over interest-bearing liabilities as well as items such as loan fees, cash interest collections on problem loans, dividend income, interest reversals, and income or expense on derivatives used to manage interest rate risk.

|  |  | Percent Change |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| For the Year Ended December 31, | 2003(2) | 2002(2) | 2001 | 2003-2002 | 2002-2001 |
| (Dollars in millions) |  |  |  |  |  |
| Net interest income-FTE basis (1) | \$ 8,311 | \$ 8,700 | \$ 8,736 | (4)\% | -\% |
| Average earning assets | 241,487 | 231,401 | 237,869 | 4 | (3) |
| Net interest margin | 3.44\% | 3.76\% | 3.67\% |  |  |
| (1) $\quad \begin{aligned} & \text { Net interest income-FTE includes } \\ & \text { gross interest income and gross in }\end{aligned}$ | on, \$145 million ies primarily on | illion for the yea income to asses | nber 31, 2003 | respectively. Net | sented rather than |
| (2) Results include the effects of the conder | ys, LLC. |  |  |  |  |

## 2003 compared to 2002

Net interest income on a FTE basis decreased $\$ 389$ million and net interest margin decreased to $3.44 \%$ from $3.76 \%$. In 2002, the Corporation took actions to more defensively position against the possibility of rising rates, by extending the duration of liabilities and repositioning the treasury investment portfolio. Given the continued low rate environment during 2003, net interest income and net interest margin were negatively impacted. Also contributing to the decline was a $\$ 7.1$ billion reduction in average loan balances and an overall decline in the spread on earning assets of 32 basis points.

## 2002 compared to 2001

While the net interest margin increased to $3.76 \%$ from $3.67 \%$, net interest income on a FTE basis declined $\$ 36$ million. This decrease was primarily a result of intentionally reducing earning assets such as certain corporate banking lending relationships, vehicle leases and broker home equity loans. In addition, the Corporation took actions on both the asset and liability sides of the balance sheet to defensively position itself for a higher-rate environment.

## Noninterest Income

The components of noninterest income for the periods indicated were as follows:

|  |  |  |  | Percent Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| For the Year Ended December 31, | 2003(1) | 2002(1) | 2001 | 2003-2002 | 2002-2001 |
| (Dollars in millions) |  |  |  |  |  |
| Banking fees and commissions | \$1,795 | \$1,794 | \$1,736 | -\% | 3\% |
| Credit card revenue | 3,764 | 3,836 | 2,775 | (2) | 38 |
| Service charges on deposits | 1,661 | 1,577 | 1,449 | 5 | 9 |
| Fiduciary and investment management fees | 656 | 645 | 671 | 2 | (4) |
| Investment securities gains (losses) | 122 | 165 | (66) | (26) | N/M |
| Trading (losses) gains | (26) | 224 | 220 | N/M | 2 |
| Other income (loss) | 91 | (61) | 358 | N/M | N/M |
| Total noninterest income | \$8,063 | \$8,180 | \$7,143 | (1) | 15 |
| Noninterest income to total revenue | 49.7\% | 48.9\% | 45.4\% |  |  |

## oninterest income to total revenue

45.4\%

## /M Not meaningful.

## 2003 compared to 2002

Banking fees and commissions of $\$ 1.8$ billion were unchanged. The benefit of the Zurich Life acquisition, increased capital markets revenues, and higher investment sales were offset by lower fees in global treasury services and the elimination of various service fees.

Credit card revenue of $\$ 3.8$ billion decreased by $\$ 72$ million, or $2 \%$, as margin compression on securitized loans and the impact of the Visa settlement was partially offset by higher average securitized balances. In addition, the benefit of higher charge volume was offset by increased payments to Card Services co-branding partners.

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Service charges on deposits of $\$ 1.7$ billion increased $\$ 84$ million, or 5\%, primarily due to higher Retail and global treasury services ("GTS") deposit service charges.

Fiduciary and investment management fees of $\$ 656$ million increased $\$ 11$ million, or $2 \%$, as a result of improved market conditions and a continued shift towards long-term assets under management.

Investment securities gains were $\$ 122$ million, a decrease of $\$ 43$ million. The decline is primarily the result of net losses in the treasury portfolio reflecting additional balance sheet positioning given the expectation for future increases in interest rates. Offsetting these losses were net gains in the principal investments portfolio primarily driven by the sale of Ability One and an increase in fund investment valuations.

Trading losses of $\$ 26$ million reflect a decrease of $\$ 250$ million from trading gains of $\$ 224$ million. This decrease was primarily the result of losses on the credit derivatives portfolio used to hedge the commercial loan portfolio, partially offset by greater interest rate derivatives trading revenue.

Other income of $\$ 91$ million reflects an increase of $\$ 152$ million from other losses of $\$ 61$ million, primarily the result of gains on loan sales, partially offset by losses related to the termination of debt and related hedges.

## 2002 compared to 2001

Banking fees and commissions of $\$ 1.8$ billion increased $\$ 58$ million, or $3 \%$. This increase was primarily the result of increased
annuity and mutual fund sales, as well as from growth in asset-backed finance and other underwriting fees in capital markets, partially offset by lower mortgagerelated revenue.

Credit card revenue of $\$ 3.8$ billion increased $\$ 1.1$ billion, or $38 \%$. This increase was due to the addition of the Wachovia credit card business, consolidation of Paymentech, Inc., higher volume-related revenue and higher income earned on securitized loans.

Service charges on deposits of $\$ 1.6$ billion increased $\$ 128$ million, or $9 \%$. This increase primarily reflected improvement in global treasury services as clients shifted their payment method to fees due to the lower value of their compensating deposit balances.

Investment gains were $\$ 165$ million compared to losses of $\$ 66$ million. Included in 2002 results was the $\$ 261$ million gain on sale of the GE Monogram joint venture, partially offset by net losses in the investment portfolios.

Trading gains were $\$ 224$ million, an increase of $\$ 4$ million, or $2 \%$. This slight increase was primarily the result of an increase in the fair value of credit derivatives used to hedge the commercial loan portfolio and limit exposures for specific credits, partially offset by lower results across multiple trading products.

Other income decreased $\$ 419$ million. This decrease was primarily due to higher losses on tax-oriented investments, mortgage-related losses, valuation adjustments on other investments, various asset write-downs and the consolidation of Paymentech, Inc. and Anexsys, LLC. Gains on the sale of ownership interests in EquiServe Limited Partnership and Star Systems recognized in the prior year also contributed to the decrease.

## Noninterest Expense

The components of noninterest expense for the periods indicated were as follows:

|  |  |  |  | Percent Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| For the Year Ended December 31, | 2003(1) | 2002(1) | 2001 | 2003-2002 | 2002-2001 |
| (Dollars in millions) |  |  |  |  |  |
| Salaries and employee benefits |  |  |  |  |  |
| Salaries | \$ 4,085 | \$ 3,788 | \$ 3,602 | 8\% | 5\% |
| Employee benefits | 680 | 636 | 554 | 7 | 15 |
| Total salaries and employee benefits | 4,765 | 4,424 | 4,156 | 8 | 6 |
| Occupancy | 679 | 643 | 683 | 6 | (6) |
| Equipment | 473 | 423 | 451 | 12 | (6) |
| Outside service fees and processing | 1,153 | 1,291 | 1,174 | (11) | 10 |
| Marketing and development | 957 | 1,069 | 862 | (10) | 24 |
| Telecommunication | 213 | 364 | 406 | (41) | (10) |
| Goodwill amortization | - | - | 69 | - | N/M |
| Other intangible amortization | 137 | 125 | 97 | 10 | 29 |
| Other expense | 1,400 | 1,270 | 1,241 | 10 | 2 |
| Total noninterest expense before restructuring-related charges (reversals) | 9,777 | 9,609 | 9,139 | 2 | 5 |
| Restructuring-related charges (reversals) | - | (63) | 351 | N/M | N/M |
| Total noninterest expense | \$ 9,777 | \$ 9,546 | \$ 9,490 | 2 | 1 |
| Headcount | 71,196 | 73,685 | 73,519 | (3) | - |
| Efficiency ratio | 59.7\% | 56.6\% | 59.8\% |  |  |

N/M Not meaningful.
(1) Results include the effects of the consolidation of Paymentech, Inc. and Anexsys, LLC.

## 2003 compared to 2002

Salaries and employee benefits of $\$ 4.8$ billion increased $\$ 341$ million, or $8 \%$. Despite a reduction in overall headcount, base and incentive compensation and benefits expense increased primarily as a result of a full year of salaries and benefits related to technology insourcing, the acquisition of Zurich Life and rising benefit costs. The expense related to the fair value method of accounting for stock option and stock purchase plans for the year ended 2003 and 2002 amounted to $\$ 83$ million and $\$ 45$ million, respectively. The Corporation adopted the fair value recognition provisions of SFAS No. 123, "Accounting for Stock-Based Compensation" in 2002.

Occupancy expense of $\$ 679$ million increased $\$ 36$ million, or $6 \%$, primarily due to higher rent, operating costs and real estate taxes.

Equipment expense of $\$ 473$ million increased $\$ 50$ million, or $12 \%$, as additional depreciation expense was incurred on fixed assets acquired in the Corporation's system conversion efforts.

Outside service fees and processing expense of $\$ 1.2$ billion decreased $\$ 138$ million, or $11 \%$. The Corporation experienced operational efficiencies resulting from renegotiated vendor contracts, the Corporation's system conversion efforts and technology insourcing.

Marketing and development expense of $\$ 957$ million decreased $\$ 112$ million, or $10 \%$. This decrease was primarily due to lower advertising expenditures for Card Services, partially offset by an increase in Retail's marketing spend.

Telecommunication expense of $\$ 213$ million decreased $\$ 151$ million, or $41 \%$, as the Corporation realized cost savings as a result of terminated and renegotiated vendor contracts.

Other intangible amortization of $\$ 137$ million increased $\$ 12$ million, or $10 \%$, primarily due to portfolio acquisitions such as Sony.

Other expense of $\$ 1.4$ billion increased by $\$ 130$ million, or $10 \%$. This was primarily a result of insurance benefits and operational expenses for Zurich Life, an addition of $\$ 100$ million to litigation reserves for a variety of pending legal matters, as well as the continued reinvestment in the Corporation's infrastructure. These increases were partially offset by reduced fraud and other operating losses. Other expense includes freight and postage expense of $\$ 246$ million and $\$ 258$ million for 2003 and 2002, respectively.

The prior year contained a benefit of $\$ 63$ million for restructuring charge reversals.

## 2002 compared to 2001

Salaries and employee benefits of $\$ 4.4$ billion increased $\$ 268$ million, or 6\%. This increase was due to insourcing activities previously performed by outside vendors, increased incentive compensation, the consolidation of Paymentech, Inc. and Anexsys, LLC, and also included $\$ 45$ million related to the adoption of the fair value method of accounting for stock option and stock purchase plans.

Outside service fees and processing expense of $\$ 1.3$ billion increased $\$ 117$ million, or $10 \%$, due to the increase in contract programming charges related to the Corporation's systems conversion efforts and the one-time charge of $\$ 89$ million related to termination and renegotiation of certain vendor contracts.

Marketing and development expense of $\$ 1.1$ billion increased $\$ 207$ million, or $24 \%$, primarily due to increased advertising expenditures for Card Services and certain Retail products.

Telecommunication expense of $\$ 364$ million decreased $\$ 42$ million, or $10 \%$, primarily due to lower servicing expenses resulting from the termination and renegotiation of certain vendor contracts.

Other intangible amortization of $\$ 125$ million increased $\$ 28$ million, or $29 \%$, primarily due to the amortization of purchased credit card relationships associated with the addition of the Wachovia credit card business. In accordance with SFAS No. 142, "Goodwill and Other Intangible Assets," the Corporation no longer amortizes goodwill and thus did not incur any goodwill amortization expense during 2002.

Other expense of $\$ 1.3$ billion increased by $\$ 29$ million primarily due to systems conversion costs. The Corporation successfully completed the Michigan, Florida and Illinois conversions during 2002.

## Provision for Credit Losses

## 2003 compared to 2002

Provision for credit losses, which reflects provision for loan losses and losses on unfunded commitments and standby letters of credit, was $\$ 2.0$ billion for the year ended December 31, 2003, a decrease of $\$ 442$ million. The decrease in provision is due to the reduction of the overall loan portfolio from $\$ 148.1$ billion to $\$ 138.1$ billion and the overall improvement in credit quality as evidenced by the allowance release and the decline in net charge-offs.

The allowance for credit losses was $\$ 4.0$ billion as of December 31, 2003, down $\$ 563$ million from December 31, 2002. As a percentage of period-end loans, the allowance for credit losses decreased to $3.14 \%$ from $3.20 \%$. The allowance for loan losses was $\$ 3.5$ billion as of December 31, 2003, down $\$ 451$ million from December 31, 2002. As a percentage of period-end loans, the allowance for loan losses decreased to $2.75 \%$ from $2.78 \%$.

## 2002 compared to 2001

Provision for credit losses was $\$ 2.5$ billion for the year ended December 31, 2002, a decrease of $\$ 23$ million. The allowance for credit losses was $\$ 4.5$ billion as of December 31, 2002, unchanged from December 31, 2001. As a percentage of period end loans, the allowance increased to $3.20 \%$ from $2.97 \%$. This is due to the reduction of the overall loan portfolio from $\$ 156.7$ billion to $\$ 148.1$ billion.

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## Applicable Income Taxes

The Corporation's income before income taxes and cumulative effect of change in accounting principle, as well as applicable income tax expense and effective tax rate for each of the past three years follows:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income from continuing operations before income taxes and cumulative effect of change in accounting principle | \$4,390 | \$4,702 | \$3,748 |
| Applicable income taxes | 1,265 | 1,446 | 1,099 |
| Effective tax rate | 28.8\% | 30.8\% | 29.3\% |
| Income from discontinued operations before income taxes | \$ 643 | \$ 61 | \$ 52 |
| Applicable income taxes | 233 | 22 | 19 |
| Effective tax rate | 36.2\% | 36.1\% | 36.5\% |
| Income before income taxes and cumulative effect of change in accounting principle |  |  |  |
| Applicable income taxes | 1,498 | 1,468 | 1,118 |
| Effective tax rate | 29.8\% | 30.8\% | 29.4\% |

Applicable income tax expense for all three years included benefits for taxexempt income, tax-advantaged investments and general business tax credits offset by the effect of nondeductible expenses. More detail on income taxes can be found in Note 21, "Income Taxes," on page 103.

## BUSINESS SEGMENT RESULTS AND OTHER DATA

The Corporation is managed on a line of business basis. The business segments' financial results presented reflect the current organization of the Corporation. The following table summarizes income from continuing operations by line of business for the periods indicated:

| For the Year Ended December 31, | 2003(2) | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Retail | \$ 1,558 | \$1,451 | \$1,046 |
| Commercial Banking | 1,197 | 617 | 700 |
| Card Services | 1,159 | 1,166 | 907 |
| Investment Management Group | 345 | 324 | 293 |
| Corporate | $(1,134)$ | (302) | (297) |
| Income from continuing operations before cumulative effect of change in accounting principle | 3,125 | 3,256 | 2,649 |
| Cumulative effect of change in accounting principle, net of taxes of (\$25) | - | - | (44) |
| Income from continuing operations(1) | \$ 3,125 | \$3,256 | \$2,605 |

(1) Income from continuing operations includes restructuring-related charges (reversals) net of tax expense (benefit) of $\$(40)$ million and $\$ 222$ million for 2002 and 2001, respectively. Prior periods have been reclassified to conform to current period presentation.
(2) During 2003, the non-core portfolios and the community development business were transferred from Retail to Corporate, corporate trust services was transferred from Investment Management Group to Corporate and retail brokerage was transferred from Investment Management Group to Retail

## Description of Methodology

The results of the business segments are intended to reflect each segment as if it were a stand-alone business. The management reporting process that derives these results allocates income and expenses using market-based methodologies. Funds transfer pricing is used to allocate interest income and expense to each line of business. A portion of the Corporation's interest rate risk position is currently included in Corporate. For each line of business, the amount of equity reported is derived from an internal economic capital allocation model which assigns capital based on the inherent risks of the business over a period of time. See the "Capital Management" section on page 76 for a discussion of the economic capital framework. However, unlike economic capital, reported equity is intended to remain constant unless there is a significant change in the risk profile of a business segment. Management may periodically adjust the level of equity reported for a particular line of business to reflect a significantly new business environment.

The costs of certain support units are allocated to the lines of business based on actual cost or the lower of actual or market cost and usage of services provided and is consistently applied to all lines of business.

The information provided in the line of business tables beginning with the caption entitled "Financial Performance" is included herein for analytical purposes only and is based on management information systems, assumptions and methodologies that are under continual review by management.

The financial information and supplemental data presented in the tables below for the respective lines of business are reported on an actual basis.

During 2003, the Corporation ceased origination of wholesale first mortgage and broker home equity loans to focus on direct lending. In order to more clearly report the results of the core Retail businesses separate from the non-core businesses, these portfolios, along with the auto lease portfolio, were transferred to the Corporate line of business. In addition, the Corporation sold the corporate trust services business. The sale included corporate, municipal, structured finance and escrow businesses as well as the document custody and London corporate trust operations. In anticipation of the sale, corporate trust services was transferred from the Investment Management Group line of business to the Corporate line of business where it is reported as discontinued operations. All prior period data for Retail, Investment Management Group and Corporate lines of business has been adjusted to reflect these transfers.

## Retail

Retail provides a broad range of financial products and services, including deposits, investments, loans, insurance and online banking to nearly 7 million households.

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Products and services are delivered to customers through approximately 31,000 employees, 1,841 banking centers in 14 states, a network of over 4,300 ATMs, bankone.com and 24 -hour telephone banking. THE ONE ${ }^{\circledR}$ Card, issued by Retail, is one of the country's leading debit cards for individuals and small businesses, with 5.2 million cards issued.

Retail originates consumer credit nationwide through its banking centers, the Internet and the telephone. Retail offers real estate, education, tax refund anticipation, consumer installment and vehicle loans to individuals. Retail is also a leading lender to small businesses.

| For the Year Ended December 31, | 2003 | 2002(8) | 2001(8) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income-FTE (1) (2) | \$ 4,422 | \$ 4,286 | \$ 4,116 |
| Banking fees and commissions (3) | 692 | 729 | 713 |
| Credit card revenue (4) | 217 | 197 | 164 |
| Service charges on deposits (5) | 910 | 833 | 791 |
| Other income | 62 | 28 | 53 |
| Total noninterest income | 1,881 | 1,787 | 1,721 |
| Total revenue, net of interest expense | 6,303 | 6,073 | 5,837 |
| Provision for credit losses | 505 | 492 | 644 |
| Salaries and employee benefits | 1,557 | 1,528 | 1,537 |
| Other expense | 1,786 | 1,773 | 1,867 |
| Total noninterest expense before restructuring-related charges (reversals) | 3,343 | 3,301 | 3,404 |
| Restructuring-related charges (reversals) (6) | - | (18) | 104 |
| Total noninterest expense | 3,343 | 3,283 | 3,508 |
| Income before income taxes | 2,455 | 2,298 | 1,685 |
| Applicable income taxes | 897 | 847 | 639 |
| Net income | \$ 1,558 | \$ 1,451 | \$ 1,046 |
| Financial Performance: |  |  |  |
| Return on average common equity | 33\% | 30\% | 22\% |
| Efficiency ratio | 53 | 54 | 60 |
| Headcount | 31,264 | 32,931 | 33,423 |
| Ending Balances: |  |  |  |
| Small business commercial | \$10,216 | \$ 9,921 | \$ 9,749 |
| Home equity | 26,432 | 20,853 | 15,826 |
| Vehicle | 13,571 | 14,661 | 14,278 |
| Other personal loans | 6,016 | 6,869 | 8,069 |
| Total loans (7) | 56,235 | 52,304 | 47,922 |
| Assets | 58,772 | 56,007 | 51,939 |
| Demand deposits | 30,587 | 27,711 | 25,438 |
| Savings | 41,093 | 38,784 | 36,172 |
| Core deposits | 71,680 | 66,495 | 61,610 |
| Time | 17,881 | 21,777 | 25,561 |
| Total deposits | 89,561 | 88,272 | 87,171 |
| Equity | 4,774 | 4,774 | 4,774 |
| Average Balances: |  |  |  |
| Small business commercial | \$10,059 | \$ 9,854 | \$ 9,650 |
| Home equity | 23,589 | 17,630 | 14,549 |
| Vehicle | 14,012 | 14,519 | 14,802 |
| Other personal loans | 6,309 | 7,128 | 8,670 |
| Total loans | 53,969 | 49,131 | 47,671 |
| Assets | 56,901 | 52,806 | 51,774 |
| Demand deposits | 29,048 | 26,066 | 23,968 |
| Savings | 40,274 | 37,894 | 34,055 |
| Core deposits | 69,322 | 63,960 | 58,023 |
| Time | 19,621 | 24,077 | 29,360 |
| Total deposits | 88,943 | 88,037 | 87,383 |
| Equity | 4,774 | 4,774 | 4,774 |

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| For t | Year Ended December 31, | 2003 | 2002(8) | 2001(8) |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |
| Credit Quality: |  |  |  |  |
| Net charge-offs: |  |  |  |  |
|  | business commercial | \$ 58 | \$ 73 | \$ 70 |
|  | equity | 124 | 89 | 54 |
|  |  | 216 | 228 | 160 |
|  | personal loans | 109 | 104 | 115 |
| Total | t charge-offs | 507 | 494 | 399 |
| Net charge-off ratios: |  |  |  |  |
|  | business commercial | 0.58\% | 0.74\% | 0.73\% |
|  | equity | 0.53 | 0.50 | 0.37 |
|  |  | 1.54 | 1.57 | 1.08 |
|  | personal loans | 1.73 | 1.46 | 1.33 |
| Total | t charge-off ratio | 0.94 | 1.01 | 0.84 |
| Nonperforming assets: |  |  |  |  |
|  | mercial | \$ 250 | \$ 236 | \$ 268 |
|  | umer (9) | 290 | 299 | 328 |
| Total nonperforming loans (10) |  | 540 | 535 | 596 |
| Other, including other real estate owned ("OREO") |  | 77 | 223 | 104 |
| Total | nperforming assets | 617 | 758 | 700 |
| Allow | ce for loan losses | 677 | 679 | 681 |
| Allow | ce for loan losses to period end loans (7) | 1.26\% | 1.37\% | 1.49\% |
| Allow | ce for loan losses to nonperforming loans (10) | 126 | 128 | 114 |
| Nonp | forming assets to related assets (11) | 1.10 | 1.44 | 1.46 |
| Distribution: |  |  |  |  |
| Number of: |  |  |  |  |
|  | ing centers | 1,841 | 1,795 | 1,802 |
|  |  | 4,394 | 3,960 | 5,141 |
|  | ionship bankers | 3,600 | 2,839 | 2,295 |
|  | e customers (in thousands) | 2,436 | 1,404 | 1,083 |
|  | nal demand accounts (in thousands) | 4,773 | 4,360 | 4,345 |
|  | ess demand accounts (in thousands) | 513 | 492 | 499 |
|  | cards issued (in thousands) | 5,216 | 4,647 | 4,414 |
| Retail Brokerage: |  |  |  |  |
|  | al fund sales | \$2,644 | \$2,293 | \$2,284 |
|  | ity sales | 3,284 | 3,114 | 2,583 |
| Total | vestment sales volume | 5,928 | 5,407 | 4,867 |
| Mark | value customer assets - end of period (in billions) | 33.7 | 27.9 | 25.3 |
| Num | r of customers - end of period (in thousands) | 721 | 681 | 646 |
| Num | of dedicated investment sales representatives | 973 | 845 | 724 |
| (1) Net interest income-FTE includes tax equivalent adjustments of \$22 million, \$22 million and \$21 million for the years ended December 31, 2003, 2002 and 2001, respectively. |  |  |  |  |
| (2) | Net interest income is presented rather than gross interest income and gross interest expense because the Corporation relies primarily on net interest revenue to assess the performance of the segment and make resource allocations. |  |  |  |
| (3) | Banking fees and commissions include insurance fees, documentary fees, certain commitment fees, mutual fund commissions, loan and lease fees, safe deposit fees, official checks fees, ATM interchange, capital markets related fees and miscellaneous other fee revenue. |  |  |  |
| (4) | Credit card revenue includes credit card fees, debit card fees, merchant fees and interchange fees. |  |  |  |
| (5) | Service charges on deposits include deficient balance fees, non-sufficient funds/overdraft fees and other service related fees. |  |  |  |
| (6) | Restructuring-related charges (reversals) are discussed in Note 5 "Restructuring-Related Activity" on page 88. Income before restructuring-related charges (reversals) for Retail, net of $\$ 7$ million and $\$(38)$ million of income tax expense (benefit) was $\$ 1.4$ billion and $\$ 1.1$ billion, for the years ended December 31, 2002 and 2001, respectively. |  |  |  |
| (7) | Loans include loans held for sale of \$2,496 million, \$2,689 million and \$2,336 million at December 31, 2003, 2002 and 2001, respectively. These amounts are not included in allowance coverage statistics. |  |  |  |
| (8) | Prior period data has been adjusted for the transfer of the non-core portfolios and the community development business to the Corporate line of business and the transfer of retail brokerage from the Investment Management Group line of business. |  |  |  |
| (9) | Includes consumer balances that are placed on nonaccrual status when the collection of contractual principal or interest becomes 90 days past due. |  |  |  |
| (10) | Nonperforming loans include loans held for sale of $\$ 2$ million and $\$ 3$ million at December 31, 2003 and 2002, respectively. There were no nonperforming loans held for sale at December 31, 2001. These amounts are not includ in allowance coverage statistics. |  |  |  |
| (11) | Related assets consist of loans outstanding, including loans h |  |  |  |

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## 2003 compared to 2002

Retail produced solid financial results in 2003. Net income increased $8 \%$ to $\$ 1.6$ billion (excluding the $\$ 11$ million after-tax benefit from the restructuring charge reversal in the prior year), and ROE was up $3 \%$ to $33 \%$. The growth in net income was a result of strong home equity loan originations of $\$ 17$ billion, resulting in a $34 \%$ increase in average home equity balances, as well as $8 \%$ growth in average core deposits, higher deposit service charges and stronger investment sales. These achievements, the result of a continued focus on expanding core businesses, were partially offset by continued investments in the franchise.

In 2003, as part of Retail's efforts to improve the overall customer experience, branch hours were extended, 58 new branches were opened, over 250 banking center interiors were upgraded, $25 \%$ of the ATMs were replaced with upgraded functionality and 434 new ATMs were added to the distribution network. These investments contributed in part to the increase in expenses in 2003.

Retail also continued to strengthen the sales force by increasing the number of relationship bankers by 761, investment sales representatives by 128 and branch business bankers by 125. Despite these increases total headcount was reduced by 1,667.

Total revenue, net of interest expense, increased $\$ 230$ million, or $4 \%$, to $\$ 6.3$ billion. Net interest income increased to $\$ 4.4$ billion for the year, up $\$ 136$ million, or $3 \%$, primarily the result of growth in home equity loan balances and core deposits. This increase was partially offset by spread compression and lower time deposits.

Noninterest income was $\$ 1.9$ billion, an increase of $\$ 94$ million, or $5 \%$, driven by higher deposit service charges, mortgage origination activity, investment sales and debit card revenue. Partially offsetting these increases were the impact of the Visa interchange rate settlement and the elimination of various service fees such as teller and online bill payment.

Noninterest expense was $\$ 3.3$ billion, an increase of $\$ 42$ million, or $1 \%$ (excluding the $\$ 18$ million pretax benefit from the restructuring charge reversal in the prior year), primarily due to increased marketing expense, benefits costs and continued investments in the sales force and branch network. This increase was partially offset by lower fraud and operating losses as well as increased efficiency in other expenses.

The provision for credit losses was $\$ 505$ million, up $\$ 13$ million, or $3 \%$, driven primarily by continued growth in home equity loan balances which grew almost $\$ 5.6$ billion to $\$ 26.4$ billion. This increase was partially offset by improvements in small business and vehicle portfolios. As a percentage of average loans, the net charge-off ratio was $0.94 \%$, down from $1.01 \%$.

The allowance for credit losses of $\$ 677$ million represented $1.26 \%$ of period-end loans, a decrease from $1.37 \%$ driven by improving credit quality trends in the portfolios. These improvements were realized due to enhancements in credit underwriting criteria and better account management practices implemented over the last several years. Nonperforming assets were down $\$ 141$ million to $\$ 617$ million, or $19 \%$, with related improvements in delinquency trends.

## 2002 compared to 2001

Retail reported net income of $\$ 1.4$ billion, up $\$ 328$ million, or $29 \%$ (excluding the $\$ 11$ million after-tax restructuring charge reversal in 2002 and the $\$ 66$ million aftertax restructuring charge in 2001).

Total revenue, net of interest expense increased $\$ 236$ million, or $4 \%$, to $\$ 6.1$ billion. Net interest income was $\$ 4.3$ billion, up $\$ 170$ million, or $4 \%$, primarily from growth in home equity loans and core deposits partially offset by lower time deposits.

Noninterest income was $\$ 1.8$ billion, up $\$ 66$ million, or $4 \%$, primarily driven by higher deposit service charges, higher debit card revenue and investment sales. The increase was partially offset by lower mortgage-related revenue and lower revenue related to the reduction of nonbranded ATMs.

Noninterest expense was $\$ 3.3$ billion, a decrease of $\$ 103$ million, or $3 \%$ (excluding the $\$ 18$ million pretax restructuring charge reversal in 2002 and the $\$ 104$ million pretax restructuring charge in 2001). These improvements were driven by lower staffing, the absence of goodwill amortization, lower fraud and operating losses, as well as lower ATM expenses. The decline was partially offset by increased marketing and benefits costs.

The provision for credit losses was $\$ 492$ million, down $\$ 152$ million, or 24\%, due to the absence of reserve increases, partially offset by higher charge-offs in home equity and vehicle loans.

The allowance for loan losses of $\$ 679$ million represented $1.37 \%$ of period-end loans, a decrease from $1.49 \%$ in the prior year. Nonperforming assets were $\$ 758$ million, up $\$ 58$ million, or $8 \%$, from the prior year.

## Commercial Banking

Commercial Banking offers a broad array of products, including global cash management, treasury services, capital markets, commercial cards, lending and other noncredit products and services to corporate banking and middle market banking customers.

Corporate banking serves primarily large corporations, financial institutions and commercial real estate entities. The Corporation's capital markets business is engaged in the origination, trading and distribution of asset-backed, investment grade, tax-exempt and high yield securities, derivatives, foreign exchange, government bonds and tax-oriented investments. Capital markets is also actively engaged in loan syndications, market research, advisory services and private placements.

Middle market banking serves the customer segment with annual revenues from approximately $\$ 10$ million to $\$ 500$ million, which includes corporations, municipalities and not-for-profit entities. These customers use a wide variety of services, with a significant portion using the Corporation exclusively for financial needs. The loan portfolio is diversified across a broad range of industries and geographic locations. In addition to credit, this customer segment actively uses the Corporation's cash management, international, capital markets and investment management products and services.

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| For the Year Ended December 31, | 2003(21) | 2002(21) | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income-FTE (2) (12) | \$ 2,307 | \$ 2,467 | \$ 2,765 |
| Banking fees and commissions (3) | 808 | 780 | 718 |
| Credit card revenue (4) | 105 | 77 | 86 |
| Service charges on deposits (5) | 734 | 714 | 618 |
| Fiduciary and investment management fees (13) | 1 | 1 | 3 |
| Investment securities gains (losses) | 35 | (13) | (12) |
| Trading gains (14) | 4 | 248 | 269 |
| Other income (loss) | 20 | (163) | (100) |
| Total noninterest income | 1,707 | 1,644 | 1,582 |
| Total revenue, net of interest expense | 4,014 | 4,111 | 4,347 |
| Provision for credit losses | (22) | 994 | 1,073 |
| Salaries and employee benefits | 1,193 | 1,062 | 1,028 |
| Other expense | 1,182 | 1,280 | 1,222 |
| Total noninterest expense before restructuring-related charges (reversals) | 2,375 | 2,342 | 2,250 |
| Restructuring-related charges (reversals) (15) | - | (4) | 73 |
| Total noninterest expense | 2,375 | 2,338 | 2,323 |
| Income before income taxes | 1,661 | 779 | 951 |
| Applicable income taxes | 464 | 162 | 251 |
| Net income | \$ 1,197 | \$ 617 | \$ 700 |
| Memo-Revenue by activity: (16) |  |  |  |
| Lending-related revenue | \$ 1,789 | \$ 1,685 | \$ 2,017 |
| Credit derivative hedge portfolio | (283) | 42 | 6 |
| Global treasury services | 1,595 | 1,653 | 1,606 |
| Capital markets (17) | 890 | 717 | 684 |
| Other | 23 | 14 | 34 |
| Financial Performance: |  |  |  |
| Return on average common equity | 16\% | 8\% | 10\% |
| Efficiency ratio | 59 | 57 | 53 |
| Efficiency ratio excluding credit derivative hedge portfolio | 55 | 57 | 54 |
| Headcount: |  |  |  |
| Corporate banking (including capital markets) | 2,660 | 2,359 | 2,714 |
| Middle market | 2,507 | 2,853 | 3,251 |
| Global treasury services | 3,313 | 3,342 | 2,984 |
| Operations, technology, and other administration | 1,946 | 1,988 | 2,188 |
| Total headcount | 10,426 | 10,542 | 11,137 |
| Ending Balances: |  |  |  |
| Loans (18) (19) | \$ 53,752 | \$61,895 | \$ 72,578 |
| Interests in purchased receivables (19) | 32,938 | - | - |
| Investment securities (19) | 10,034 | 2,077 | 1,831 |
| Assets (20) | 136,812 | 94,260 | 101,186 |
| Demand deposits | 26,348 | 25,462 | 25,533 |
| Savings (16) | 12,263 | 9,614 | 6,214 |
| Time (16) | 922 | 11,373 | 10,896 |
| Foreign offices | 12,223 | 10,192 | 8,575 |
| Total deposits | 51,756 | 56,641 | 51,218 |
| Short-term borrowings (19) | 40,717 | 2,278 | 2,063 |
| Equity | 7,409 | 7,409 | 7,357 |
| Average Balances: |  |  |  |
| Loans (19) | \$ 56,655 | \$65,969 | \$ 80,305 |
| Interests in purchased receivables (19) | 90 | - | - |
| Investment securities (19) | 2,582 | 2,072 | 1,517 |
| Assets (20) | 97,739 | 95,717 | 107,596 |
| Demand deposits | 24,449 | 22,419 | 21,328 |
| Savings (16) | 10,500 | 8,002 | 5,524 |
| Time (16) | 3,864 | 8,975 | 6,053 |
| Foreign offices | 10,156 | 8,598 | 8,962 |
| Total deposits | 48,969 | 47,994 | 41,867 |
| Short-term borrowings (19) | 3,612 | 2,016 | 1,546 |
| Equity | 7,409 | 7,376 | 7,300 |

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| For the Year Ended December 31, |  | 2003(21) | 2002(21) |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |  |  |
| Credit Quality: |  |  |  |  |  |  |
| Net charge-offs | \$ | 398 |  | - 994 |  | 1,042 |
| Net charge-off ratio |  | 0.70\% |  | 1.51\% |  | 1.30\% |
| Nonperforming assets: |  |  |  |  |  |  |
| Nonperforming loans (22) |  | 1,036 |  | 1,874 |  | 2,127 |
| Other, including OREO |  | 22 |  | 21 |  | 27 |
| Total nonperforming assets |  | 1,058 |  | 1,895 |  | 2,154 |
| Allowance for loan losses (20) |  |  |  |  |  |  |
| Allowance for loan losses | \$ | 2,161 |  | 2,469 |  | 2,526 |
| Allowance for loan losses to period end loans (18) |  | 4.06\% |  | 4.00\% |  | 3.48\% |
| Allowance for loan losses to nonperforming loans (22) |  | 209 |  | 133 |  | 119 |
| Allowance for credit losses (20) |  |  |  |  |  |  |
| Allowance for credit losses | \$ | 2,651 |  | 3,071 |  | 3,079 |
| Allowance for credit losses to period end loans (18) (20) |  | 4.98\% |  | 4.98\% |  | 4.25\% |
| Allowance for credit losses to nonperforming loans (22) |  | 257 |  | 166 |  | 145 |
| Nonperforming assets to related assets (11) |  | 1.97 |  | 3.06 |  | 2.97 |
| Corporate Banking: |  |  |  |  |  |  |
| Ending balances: |  |  |  |  |  |  |
| Loans (19) |  | 27,123 |  | 31,559 |  | 36,643 |
| Interests in purchased receivables (19) |  | 32,938 |  | - |  | - |
| Investment securities (19) |  | 10,006 |  | 1,506 |  | 1,365 |
| Deposits |  | 23,685 |  | 31,998 |  | 28,648 |
| Short term borrowings (19) |  | 40,717 |  | 2,278 |  | 2,063 |
| Average balances: |  |  |  |  |  |  |
| Loans (19) |  | 28,536 |  | 32,973 |  | 43,495 |
| Interests in purchased receivables (19) |  | 90 |  | - |  | - |
| Investment securities (19) |  | 2,492 |  | 1,460 |  | 1,029 |
| Deposits |  | 24,768 |  | 26,060 |  | 22,946 |
| Short term borrowings (19) |  | 3,612 |  | 2,016 |  | 1,546 |
| Credit Quality: |  |  |  |  |  |  |
| Net charge-offs |  | 228 |  | 639 |  | 638 |
| Net charge-off ratio |  | 0.80\% |  | 1.94\% |  | 1.47\% |
| Nonperforming loans | \$ | 321 |  | 873 |  | 1,154 |
| Nonperforming loans to total loans |  | 1.18\% |  | 2.76\% |  | 3.15\% |
| Syndications: |  |  |  |  |  |  |
| Lead arranger deals: |  |  |  |  |  |  |
| Volume (in billions) | \$ | 60.4 |  | 61.9 |  | 54.1 |
| Number of transactions |  | 317 |  | 271 |  | 238 |
| League table standing-rank |  | 4 |  | 4 |  | 4 |
| League table standing-market share |  | 7\% |  | 6\% |  | 5\% |
| Middle Market Banking: |  |  |  |  |  |  |
| Loans -ending balance |  | 26,629 |  | 30,336 |  | 35,935 |
| -average balance |  | 28,119 |  | 32,996 |  | 36,810 |
| Deposits -ending balance |  | 28,071 |  | 24,643 |  | 22,570 |
| -average balance |  | 24,201 |  | 21,934 |  | 18,921 |
|  |  |  |  |  |  |  |
| Net charge-offs (in millions) |  | 170 |  | 355 |  | 404 |
| Net charge-off ratio |  | 0.60\% |  | 1.08\% |  | 1.09\% |
| Nonperforming loans (in millions) (22) | \$ | 715 | \$ | 1,001 | \$ | 973 |
| Nonperforming loans to total loans (22) |  | 2.69\% |  | 3.30\% |  | 2.71\% |

Nonperforming loans to total loans (22)
(12) Net interest income-FTE includes taxable equivalent adjustments of $\$ 106$ million, $\$ 91$ million and $\$ 79$ million for the years ended December 31, 2003, 2002 and 2001, respectively
(13) Fiduciary and investment management fees include asset management fees, personal trust fees, other trust fees and advisory fees.
(14) Trading gains primarily include realized and unrealized gains (losses) from trading assets, derivative financial instruments and foreign exchange products.
 million of income tax expense (benefit), was $\$ 614$ million and $\$ 746$ million, for the years ended December 31, 2002 and 2001, respectively.
(16) Prior periods have been adjusted to conform to material organizational changes and current period presentation.
(17) Capital markets includes trading income and underwriting, syndicated lending and advisory fees.
(18) Loans include loans held for sale of $\$ 544$ million, $\$ 235$ million and $\$ 83$ million at December 31, 2003, 2002 and 2001, respectively. These amounts are not included in allowance coverage statistics
(19) Impacted by the adoption of FIN No. 46
(20) The allowance for credit losses includes the allowance for loan losses of $\$ 2,161$ million, $\$ 2,469$ million and $\$ 2,526$ million and the reserve for unfunded commitments and standby letters of credit, which is included in other liabilities, of $\$ 490$ million, $\$ 602$ million and $\$ 553$ million for the years ended December 31, 2003, 2002 and 2001, respectively. Prior periods have been reclassified to conform to the current period's presentation.
 resulted in a $\$ 46$ million increase in net interest income, a $\$ 19$ million increase in noninterest income and a $\$ 65$ million increase in noninterest expense.
 included in allowance coverage statistics.

## 2003 compared to 2002

Commercial Banking reported net income of $\$ 1.2$ billion, up $\$ 580$ million, or $94 \%$. The current year included a $\$ 420$ million pretax reduction in the allowance for credit losses and a $\$ 283$ million pretax loss on the credit derivatives hedge portfolio. The prior year includes $\$ 42$ million of pretax income on the credit derivatives hedge portfolio. Excluding the impact of these items, net income was $\$ 1.1$ billion compared to $\$ 590$ million, an increase of $88 \%$. This improvement was primarily driven by lower net charge-offs and strength in capital markets, partially offset by the impact of declining loan volumes.

Net interest income was $\$ 2.3$ billion, down $\$ 160$ million, or $6 \%$, primarily reflecting a $14 \%$ reduction in average loan balances and compressed deposit spreads in the low interest rate environment. Average loans decreased $\$ 4.4$ billion, or $13 \%$, in corporate banking and $\$ 4.9$ billion, or $15 \%$, in middle market. These decreases were driven by both tightened underwriting standards and relatively weak demand for bank financing.

Noninterest income (excluding the impact of the credit derivatives hedge portfolio) was $\$ 2.0$ billion, an increase of $\$ 388$ million, or $24 \%$. Banking fees and commissions increased $\$ 28$ million, or $4 \%$, due to increased capital markets revenue from asset-backed and fixed-income originations offset by lower fees in global treasury services. Credit card revenue increased $\$ 28$ million, or $36 \%$, due to growth in the commercial card business. Service charges on deposits increased $\$ 20$ million, or $3 \%$, reflecting the continued shift in the method of payment for services in the low interest rate environment. Investment securities gains (losses) increased to a $\$ 35$ million gain from a $\$ 13$ million loss. These gains and losses were primarily attributable to sales of securities acquired in satisfaction of debt. Excluding the impact of the credit derivatives hedge portfolio, trading increased $\$ 81$ million, or $39 \%$. This increase was driven by strength in derivatives trading, led by interest rate derivatives. Other income increased by $\$ 183$ million, primarily driven by gains on loan sales in 2003 as compared to losses on both loan sales and tax-oriented investments in 2002.

Ongoing expense management efforts held noninterest expense fairly flat at $\$ 2.4$ billion, despite higher compensation-related expenses.

The effective tax rate (on a FTE basis) of $27.9 \%$ in 2003 increased from 20.8\% in 2002, primarily due to an increase in pretax income in 2003 as well as a decrease in tax credits generated from tax-oriented investments. Credit quality improved significantly from 2002. Net charge-offs were $\$ 398$ million, down $\$ 596$ million, or $60 \%$ from the prior year. This decline was comprised of a $\$ 411$ million, or $64 \%$, decrease in corporate banking, and a $\$ 185$ million, or $52 \%$, reduction in middle market net charge-offs. For additional detail on Commercial Banking net chargeoffs, see pages 66-67.

Nonperforming loans also declined, comprised of a $\$ 552$ million, or $63 \%$, decline in corporate banking and a $\$ 286$ million, or $29 \%$ decline in middle market. The provision for credit losses was $\$(22)$ million in 2003, reflecting both the decline in net charge-offs and a $\$ 420$ million reduction in the allowance for credit losses. $\$ 490$ million of reserves related to unfunded lending commitments and standby letters of credit were reclassified from
the allowance for loan losses to other liabilities at the end of the year. All prior periods were reclassified to conform to the current presentation. For additional information about nonperforming assets and the allowance for loan losses, see the tables on page 65 and 68, respectively.

Effective December 31, 2003, the Corporation consolidated $\$ 39.6$ billion of assets and liabilities related to its asset-backed conduit business as a result of implementing certain requirements of FIN No. 46. See "Asset-Backed Finance Programs" beginning on page 74 .

## 2002 compared to 2001

Commercial Banking reported net income of $\$ 617$ million for 2002, down $\$ 83$ million, or $12 \%$, from 2001, due to lower net interest income offset by lower income taxes, lower provision for credit losses and the absence of restructuring charges in 2002.

Net interest income was $\$ 2.5$ billion, down $\$ 298$ million, or $11 \%$, reflecting a reduction in average loans of $\$ 14.3$ billion or $18 \%$. Average loans decreased $\$ 10.5$ billion, or $24 \%$, in corporate banking and $\$ 3.8$ billion, or $10 \%$, in middle market.

Mark-to-market adjustments on the credit derivatives portfolio positively impacted 2002 by $\$ 42$ million and 2001 by $\$ 6$ million. Excluding the impact of the gain in each period, noninterest income increased $\$ 26$ million, or $2 \%$, primarily as a result of the following items: banking fees and commissions increased $\$ 62$ million, or $9 \%$, due to growth in asset-backed finance underwriting and other capital markets products; service charges on deposits increased $\$ 96$ million, or $16 \%$, reflecting a shift in payment for services to fees due to the lower value of customers' compensating deposit balances; trading revenue decreased by $\$ 57$ million, or $22 \%$, primarily reflecting a decrease in fixed income trading revenues; and other income decreased by $\$ 63$ million primarily due to higher losses in tax-oriented investments and various asset write-downs.

Noninterest expense was $\$ 2.3$ billion, up $\$ 15$ million, or $1 \%$, from 2001, including a $\$ 77$ million reduction in restructuring-related charges. Excluding restructuring costs, noninterest expense increased by $\$ 92$ million, or $4 \%$, as a result of the $\$ 65$ million impact from the consolidation of Anexsys, LLC, as well as higher incentive compensation and systems conversion-related expenses.

The effective tax rate (on a FTE basis) of $20.8 \%$ in 2002 decreased from 26.4\% in 2001 primarily due to an increase in tax credits generated from tax-oriented investments combined with a decrease in pretax income in 2002.

The provision for credit losses was \$994 million, down \$79 million, or 7\%, from 2001. Net charge-offs were $\$ 994$ million, down $\$ 48$ million, or $5 \%$, and represented $1.51 \%$ of average loans, up from $1.30 \%$ in 2001. Corporate banking net charge-offs were $\$ 639$ million, or $1.94 \%$ of average loans, up from $1.47 \%$ in 2001. Middle market net charge-offs were $\$ 355$ million, or $1.08 \%$ of average loans, down slightly from $1.09 \%$ of average loans in the prior year.

The allowance for credit losses at December 31, 2002, was $\$ 3.1$ billion, down $\$ 8$ million from the prior year. This represented $4.98 \%$ of year-end loans and $166 \%$ of nonperforming loans compared with $4.25 \%$ and $145 \%$, respectively, at December 31, 2001. Nonperforming loans were $\$ 1.9$ billion, down $\$ 253$ million, or $12 \%$, from year-end 2001. Corporate banking nonperforming loans at year-end were $\$ 873$ million, down $\$ 281$ million, or 24\%,

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from the prior year. Middle market nonperforming loans were $\$ 1.0$ billion at December 31, 2002, up $\$ 28$ million, or 3\%, from the prior year.

## Card Services - Reported Basis

Card Services offers co-brand, affinity and other cards to its consumer and small business customer base. These cards represent relationships with some of the leading corporations, financial institutions, universities, sports franchises and other affinity organizations. All of these cards carry the respective Visa or MasterCard ${ }^{\circledR}$ brand names.

With approximately 51 million cards in circulation, Card Services is the third largest credit card provider in the United States and the largest Visa credit card issuer in the world. Card Services is also a leader in online card marketing and customer service, with more than 5 million registered users of its Web site.

Through securitization the Corporation transforms a substantial portion of its credit card receivables into securities, which
are sold to investors or retained on the balance sheet. Securitization impacts the Corporation's consolidated balance sheet by removing those credit card receivables that have been sold, and by reclassifying, from loans to investment securities, those credit card receivables that have been transformed into certificate form (referred to as "Seller's Interest"). Gain or loss on the sale of credit card receivables, net of amortization of transaction costs and amortization from securitization repayments, is reported in other income. Securitization also impacts the Corporation's consolidated income statement by reclassifying as credit card revenue interest income and fees, interchange income, credit losses and recoveries related to securitized receivables. Credit card interest income and fees, credit losses and recoveries related to the Seller's Interest are reclassified in net interest income.

The following table presents Card Services information on a reported basis:

| For the Year Ended December 31, | 2003(27) | 2002(27) | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income-FTE (2) (23) (24) | \$ 1,469 | \$ 1,271 | \$ 1,280 |
| Banking fees and commissions (3) | 34 | 66 | 96 |
| Credit card revenue (4) (24) | 3,441 | 3,560 | 2,525 |
| Other income (loss) | (6) | (33) | 120 |
| Total noninterest income | 3,469 | 3,593 | 2,741 |
| Total revenue, net of interest expense | 4,938 | 4,864 | 4,021 |
| Provision for credit losses | 757 | 531 | 392 |
| Salaries and employee benefits | 624 | 589 | 501 |
| Other expense | 1,675 | 1,856 | 1,618 |
| Total noninterest expense before restructuring-related charges (reversals) | 2,299 | 2,445 | 2,119 |
| Restructuring-related charges (reversals) (25) | - | (19) | 61 |
| Total noninterest expense | 2,299 | 2,426 | 2,180 |
| Income before income taxes | 1,882 | 1,907 | 1,449 |
| Applicable income taxes | 723 | 741 | 542 |
| Net income | \$ 1,159 | \$ 1,166 | \$ 907 |
| Memo-Net securitization gains (amortization) | \$ (22) | \$ (50) | \$ (62) |
| Financial Performance: |  |  |  |
| Return on average common equity | 18\% | 18\% | 14\% |
| Efficiency ratio | 47 | 50 | 54 |
| Headcount | 10,374 | 10,548 | 9,871 |
| Ending Balances: |  |  |  |
| Owned loans: |  |  |  |
| Held in portfolio | \$ 6,447 | \$ 7,592 | \$ 5,040 |
| Held for sale | 5,588 | 3,989 | 1,746 |
| Total owned loans | 12,035 | 11,581 | 6,786 |
| Seller's interest and accrued interest receivable (26) | 27,193 | 28,526 | 24,019 |
| Total receivables | 39,228 | 40,107 | 30,805 |
| Memo: Securitized loans | 37,100 | 33,889 | 37,350 |
| Assets | 44,792 | 45,391 | 35,385 |
| Equity | 6,361 | 6,361 | 6,361 |

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| For the Year Ended December 31, | 2003(27) | 2002(27) | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Average Balances: |  |  |  |
| Owned loans: |  |  |  |
| Held in portfolio | \$ 6,937 | \$ 5,993 | \$ 4,034 |
| Held for sale | 7,175 | 3,906 | 2,850 |
| Total owned loans | 14,112 | 9,899 | 6,884 |
| Seller's interest and accrued interest receivable (26) | 23,820 | 23,211 | 18,760 |
| Total receivables | 37,932 | 33,110 | 25,644 |
| Memo-Securitized loans | 35,900 | 34,758 | 39,803 |
| Assets | 43,130 | 37,620 | 28,931 |
| Equity | 6,361 | 6,361 | 6,308 |
| Credit Quality: |  |  |  |
| Net charge-offs | \$ 707 | \$ 514 | \$ 392 |
| Net charge-off ratio (28) | 5.03\% | 5.19\% | 5.69\% |
| Delinquency ratio: |  |  |  |
| 30+ days | 3.31 | 2.95 | 3.00 |
| 90+ days | 1.55 | 1.38 | 1.41 |
| Allowance for loan losses | \$ 446 | \$ 396 | \$ 396 |
| Allowance for loan losses to period end loans held in portfolio | 6.92\% | 5.22\% | 7.86\% |
| Other Data: |  |  |  |
| Charge volume (in billions) | \$ 167.1 | \$ 155.4 | \$ 140.4 |
| Net accounts opened (in thousands) (29) | 4,578 | 5,227 | 7,326 |
| Credit cards issued (in thousands) (30) | 50,839 | 50,351 | 50,996 |
| Number of cardmemberservices.com customers (in millions) (31) | 5.3 | 3.4 | 1.9 |
| Paymentech, Inc.: |  |  |  |
| Bank card volume (in billions) | \$ 155.0 | \$ 124.7 | \$ 115.3 |
| Total transactions (in millions) | 5,538 | 4,208 | 3,778 |

or footnote detail see pages 36, 39 and 44

Provision for credit losses increased $\$ 226$ million, or $43 \%$ to $\$ 757$ million, which was driven by higher net charge-off activity resulting from the significant growth in average owned loans. The net charge-off ratio decreased to $5.03 \%$ from $5.19 \%$. The 30 -day delinquency ratio increased to $3.31 \%$ from $2.95 \%$.

Securitization gains were $\$ 79$ million resulting from the securitization of $\$ 11.5$ billion in credit card receivables. This compares with securitization gains of $\$ 55$ million resulting from the securitization of $\$ 6.8$ billion in credit card receivables in 2002.

The Corporation believes that it is more meaningful to discuss credit performance on a managed basis since the on-balance sheet portfolio has a greater percentage of new originations and, therefore, is less seasoned and credit risk inherent in Seller's Interest is the same risk as the off-balance sheet portfolio. See the Managed Basis section beginning on page 43 for this information.

Card Services has a significant co-branding relationship with United Airlines, the Mileage Plus ${ }^{\circledR}$ award program. Given United Airlines’ 2002 bankruptcy announcement, Card Services net income would be negatively impacted in the event a reorganization is unsuccessful.

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## 2002 compared to 2001 - Reported Basis

Card Services reported net income of \$1.2 billion, up \$259 million, or 29\%. 2002 results reflected twelve months of earnings from the acquisition of the Wachovia credit card business while 2001 results reflected five months of Wachovia earnings.

Total reported revenue was $\$ 4.9$ billion, up $\$ 843$ million or $21 \%$. Net interest income was $\$ 1.3$ billion, down $\$ 9$ million, or $1 \%$, reflecting lower spreads due to competitive pricing partially offset by higher volumes. Excluding the $\$ 322$ million impact of the Paymentech, Inc. consolidation effective January 1, 2002, noninterest income was $\$ 3.3$ billion, an increase of $\$ 530$ million, or $19 \%$, primarily driven by higher volume-related revenue and higher income earned on securitized loans.

Excluding the $\$ 285$ million impact from the consolidation of Paymentech, Inc., noninterest expense was $\$ 2.1$ billion, a decrease of $\$ 39$ million, or $2 \%$, resulting from continued expense management and the impact of restructuring-related charges (reversals) partially offset by higher marketing expense.

Provision for credit losses was $\$ 531$ million, an increase of $\$ 139$ million, or $35 \%$, as a result of portfolio growth.

Securitization gains were $\$ 55$ million resulting from the securitization of $\$ 6.8$ billion in credit card receivables. This compares with securitization gains of $\$ 28$ million resulting from the
securitization of $\$ 3.8$ billion in credit card receivables in the previous year.

## Card Services - Managed Basis (Non-GAAP)

The Corporation evaluates its Card Services line of business trends on a managed basis, which treats the securitization of credit card receivables as a financing transaction. Gains recognized as a result of securitization continue to be reflected in other income. The Corporation manages its Card Services operations on a managed basis because the receivables that are securitized are subject to underwriting standards comparable to the owned portfolio and are serviced by operating personnel without regard to ownership. The Corporation believes that investors should be informed, and often request information, about the credit performance of the entire managed portfolio in order to understand the quality of the Card Services originations and the related credit risks inherent in the owned portfolio and retained interests in securitizations. In addition, the Corporation funds its Card Services operations, reviews operating results and makes decisions about allocating resources, such as employees and capital, on a managed basis. See "Loan Securitizations" on page 73 and Note 11 "Credit Card Securitizations," beginning on page 92 for additional information related to the Corporation's securitization activity.

The following table presents Card Services information on a managed basis (non-GAAP):

| For the Year Ended December 31, | 2003(27) | 2002(27) | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income-FTE (2) (23) (24) | \$6,259 | \$6,153 | \$6,090 |
| Banking fees and commissions (3) | 34 | 66 | 96 |
| Credit card revenue (4) (24) | 1,863 | 1,796 | 1,146 |
| Other income (loss) | (6) | (33) | 120 |
| Total noninterest income | 1,891 | 1,829 | 1,362 |
| Total revenue, net of interest expense | 8,150 | 7,982 | 7,452 |
| Provision for credit losses | 3,969 | 3,649 | 3,823 |
| Salaries and employee benefits | 624 | 589 | 501 |
| Other expense | 1,675 | 1,856 | 1,618 |
| Total noninterest expense before restructuring-related charges (reversals) | 2,299 | 2,445 | 2,119 |
| Restructuring-related charges (reversals) (25) | - | (19) | 61 |
| Total noninterest expense | 2,299 | 2,426 | 2,180 |
| Income before income taxes | 1,882 | 1,907 | 1,449 |
| Applicable income taxes | 723 | 741 | 542 |
| Net income | \$1,159 | \$1,166 | \$ 907 |
| Memo-Net securitization gains (amortization) | \$ (22) | \$ (50) | \$ (62) |
| Financial Performance: |  |  |  |
| Percentage of average outstandings: |  |  |  |
| Net interest income-FTE | 8.48\% | 9.07\% | 9.30\% |
| Provision for credit losses | 5.38 | 5.38 | 5.84 |
| Noninterest income | 2.56 | 2.69 | 2.08 |
| Risk adjusted margin | 5.66 | 6.38 | 5.54 |
| Noninterest expense | 3.11 | 3.57 | 3.33 |
| Pretax income-FTE | 2.55 | 2.81 | 2.21 |
| Net income | 1.57 | 1.72 | 1.39 |
| Return on average common equity | 18 | 18 | 14 |
| Efficiency ratio | 28 | 30 | 29 |

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| For the Year Ended December 31, |  | 2003(27) | 2002(27) | 2001 |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |
| Head | unt | 10,374 | 10,548 | 9,871 |
| Ending Balances: |  |  |  |  |
|  | in portfolio | \$ 6,447 | \$ 7,592 | \$ 5,040 |
|  | for sale | 5,588 | 3,989 | 1,746 |
|  | ritized | 37,100 | 33,889 | 37,350 |
|  | 's interest and accrued interest receivable (26) | 27,193 | 28,526 | 24,019 |
|  | al loans | 76,328 | 73,996 | 68,155 |
| Asse |  | 81,892 | 79,280 | 72,735 |
| Equit |  | 6,361 | 6,361 | 6,361 |
| Average Balances: |  |  |  |  |
|  | in portfolio | \$ 6,937 | \$ 5,993 | \$ 4,034 |
|  | for sale | 7,175 | 3,906 | 2,850 |
|  | ritized | 35,900 | 34,758 | 39,803 |
|  | 's interest and accrued interest receivable (26) | 23,820 | 23,211 | 18,760 |
|  | al loans | 73,832 | 67,868 | 65,447 |
| Asse |  | 79,030 | 72,378 | 68,734 |
| Equit |  | 6,361 | 6,361 | 6,308 |
| Credit Quality: |  |  |  |  |
| Net | Qrge-offs (28) | \$ 3,919 | \$ 3,632 | \$ 3,823 |
| Net | rge-off ratio (28) | 5.31\% | 5.35\% | 5.84\% |
| 12 m | th lagged (32) | 5.77 | 5.55 | 5.77 |
| Delinquency ratio: |  |  |  |  |
|  | ays | 3.90 | 4.02 | 4.46 |
|  | ays | 1.85 | 1.80 | 1.93 |
| Allow | ce for loan losses | \$ 446 | \$ 396 | \$ 396 |
| Allow | ce for loan losses to period end loans held in portfolio | 6.92\% | 5.22\% | 7.86\% |
| Other Data: |  |  |  |  |
| Char | volume (in billions) | \$ 167.1 | \$ 155.4 | \$ 140.4 |
| Net | ounts opened (in thousands) (29) | 4,578 | 5,227 | 7,326 |
| Cred | ards issued (in thousands) (30) | 50,839 | 50,351 | 50,996 |
| Num | of cardmemberservices.com customers (in millions) (31) | 5.3 | 3.4 | 1.9 |
| Paymentech, Inc.: |  |  |  |  |
|  | card volume (in billions) | \$ 155.0 | \$ 124.7 | \$ 115.3 |
|  | transactions (in millions) | 5,538 | 4,208 | 3,778 |
| For additional footnote detail see pages 36 and 39 . |  |  |  |  |
| (23) | Net interest income-FTE did not have tax equivalent adjustments for the years ended December 31, 2003, 2002 and 2001. |  |  |  |
| (24) |  and provision for credit losses are reported in their respective income statement lines. |  |  |  |
| (25) | Restructuring-related charges (reversals) are discussed in Note 5 "Restructuring-Related Activity" on page 88. Income before restructuring-related charges (reversals) for Card Services, net of $\$ 7$ million and $\$(22)$ million of income tax expense (benefit), was $\$ 1.1$ billion and $\$ 946$ million for the years ended December 31, 2002 and 2001, respectively. |  |  |  |
| (26) | The investor owned portion of accrued interest receivable is recorded in other assets at December 31, 2003 and 2002. |  |  |  |
| (27) | Results include the effect of consolidating Paymentech, Inc. beginning in the first quarter of 2002. As a result of this consolidation net interest income included $\$ 13$ million, noninterest income included $\$ 322$ million and noninterest expense included $\$ 285$ million in 2002. There was no impact on net income. |  |  |  |
| (28) | Includes net charge-offs related to held for sale loans of \$3 million for the year ended December 31, 2003, which are recorded in noninterest income. |  |  |  |
| (29) | Net accounts opened includes originations, purchases and sales. |  |  |  |
| (30) | Approximately 4.5 million previously acquired inactive accounts were purged during 2002 and prior periods have been recalculated to conform to current period presentation. |  |  |  |
| (31) | Approximately 1 million registered users were purged in late 2001 due to inactivity. |  |  |  |
| (32) | The lagged loss rate for 2002 includes Wachovia net credit losses while 2001 average loans only includes five months of Wachovia balances. The lagged loss rate for 2001 includes five months of Wachovia net credit losses. The 2001 ratio includes Wachovia net charge-offs but excludes Wachovia loans. |  |  |  |

## 2003 compared to 2002 - Managed Basis (Non-GAAP)

Card Services net income remained constant at $\$ 1.2$ billion, as the benefit from higher average managed loans and lower noninterest expense was offset by a decline in net interest margin and a higher provision for credit losses.

Total revenue increased $2 \%$ to $\$ 8.2$ billion, as net interest income increased $\$ 106$ million and total noninterest income increased $\$ 62$ million. The increase in net interest income is primarily a result of a $\$ 6.0$ billion, or $9 \%$, increase in average managed loans. Net interest income as a percent of average outstandings, however, declined 59 basis points to $8.48 \%$ from $9.07 \%$ as a result of competitive pricing pressure. The increase in total noninterest income is a result of the increase in charge volume of $\$ 11.7$ billion, or $8 \%$, which generated higher interchange income, partially offset by higher volume-driven payments to partners. Paymentech, Inc., the Corporation's merchant card processor, also had an increase in bank card volume of $24 \%$ to $\$ 155.0$ billion.

Noninterest expense (excluding a $\$ 19$ million pretax benefit from a restructuring charge reversal in the prior year) was $\$ 2.3$ billion, a decline of $6 \%$ due to reduced marketing expenses and operational efficiencies, offset by higher operating expenses of Paymentech, Inc.

Provision for credit losses increased $\$ 320$ million, or $9 \%$, to $\$ 4.0$ billion, which was driven by higher net charge-off activity resulting from the growth in the portfolio. The net charge-off ratio decreased to $5.31 \%$ from $5.35 \%$. The 30 -day delinquency ratio decreased to $3.90 \%$ from $4.02 \%$.

Securitization gains were $\$ 79$ million resulting from the securitization of $\$ 11.5$ billion in credit card receivables. This compares with securitization gains of $\$ 55$ million resulting from the securitization of $\$ 6.8$ billion in credit card receivables in the previous year.

## 2002 compared to 2001 - Managed Basis (Non-GAAP)

Card Services reported net income of $\$ 1.2$ billion, up $\$ 259$ million, or $29 \% .2002$ results reflected twelve months of earnings from the acquisition of the Wachovia credit card business while 2001 results reflected five months of Wachovia earnings.

Total revenue was $\$ 8.0$ billion, up $\$ 530$ million, or $7 \%$. Net interest income was $\$ 6.2$ billion, up $\$ 63$ million, or $1 \%$, reflecting higher volumes partially offset by lower spreads due to competitive pricing. Excluding the $\$ 322$ million impact of the Paymentech, Inc. consolidation effective January 1, 2002, non-interest income was $\$ 1.5$ billion, an increase of $\$ 145$ million, or $11 \%$, primarily driven by higher volume-related revenue and securitization gains.

Securitization gains were $\$ 55$ million resulting from the securitization of $\$ 6.8$ billion in credit card receivables. This compares with securitization gains of $\$ 28$ million resulting from the securitization of $\$ 3.8$ billion in credit card receivables in the previous year.

Excluding the $\$ 285$ million impact from the consolidation of Paymentech, Inc., noninterest expense totaled $\$ 2.1$ billion, a decrease of $\$ 39$ million, or $2 \%$, resulting from continued expense management and the impact of restructuring-related charges (reversals) partially offset by higher marketing expense.

The provision for credit losses was $\$ 3.6$ billion, a decrease of $\$ 174$ million, or $5 \%$, reflecting underwriting discipline and focus on the prime and superprime markets.

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The following table reconciles Card Services line items presented on a reported basis with those presented on a managed basis (non-GAAP):

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (in millions): Income Statement Data: |  |  |  |
|  |  |  |  |
| Net interest income-FTE (2) (23) (24) |  |  |  |
| Reported data for the period | \$ 1,469 | \$ 1,271 | \$ 1,280 |
| Securitization adjustments | 4,790 | 4,882 | 4,810 |
| Managed net interest income-FTE (2) (23) (24) | 6,259 | 6,153 | 6,090 |
| Credit card revenue: (4) |  |  |  |
| Reported data for the period | \$ 3,441 | \$ 3,560 | \$ 2,525 |
| Securitization adjustments | $(1,578)$ | $(1,764)$ | $(1,379)$ |
| Managed credit card revenue | 1,863 | 1,796 | 1,146 |
| Noninterest income: |  |  |  |
| Reported data for the period | \$ 3,469 | \$ 3,593 | \$ 2,741 |
| Securitization adjustments | $(1,578)$ | $(1,764)$ | $(1,379)$ |
| Managed noninterest income | 1,891 | 1,829 | 1,362 |
| Total revenue, net of interest expense: |  |  |  |
| Reported data for the period | \$ 4,938 | \$ 4,864 | \$ 4,021 |
| Securitization adjustments | 3,212 | 3,118 | 3,431 |
| Managed total revenue, net of interest expense | 8,150 | 7,982 | 7,452 |
| Provision for credit losses: |  |  |  |
| Reported data for the period | \$ 757 | \$ 531 | \$ 392 |
| Securitization adjustments | 3,212 | 3,118 | 3,431 |
| Managed provision for credit losses | 3,969 | 3,649 | 3,823 |
| Ending Balances: |  |  |  |
| Owned loans: |  |  |  |
| Held in portfolio | \$ 6,447 | \$ 7,592 | \$ 5,040 |
| Held for sale | 5,588 | 3,989 | 1,746 |
| Total owned loans | 12,035 | 11,581 | 6,786 |
| Seller's interest and accrued interest receivable (26) | 27,193 | 28,526 | 24,019 |
| Total on balance sheet loans | 39,228 | 40,107 | 30,805 |
| Securitized loans | 37,100 | 33,889 | 37,350 |
| Total managed loans | 76,328 | 73,996 | 68,155 |
| Assets: |  |  |  |
| Reported | \$44,792 | \$45,391 | \$35,385 |
| Securitization adjustments | 37,100 | 33,889 | 37,350 |
| Managed assets | 81,892 | 79,280 | 72,735 |
| Average Balances: |  |  |  |
| Owned loans: |  |  |  |
| Held in portfolio | \$ 6,937 | \$ 5,993 | \$ 4,034 |
| Held for sale | 7,175 | 3,906 | 2,850 |
| Total owned loans | 14,112 | 9,899 | 6,884 |
| Seller's interest and accrued interest receivable (26) | 23,820 | 23,211 | 18,760 |
| Total on balance sheet loans | 37,932 | 33,110 | 25,644 |
| Securitized loans | 35,900 | 34,758 | 39,803 |
| Total managed loans | 73,832 | 67,868 | 65,447 |
| Total assets: |  |  |  |
| Reported | \$43,130 | \$37,620 | \$28,931 |
| Securitization adjustments | 35,900 | 34,758 | 39,803 |
| Managed assets | 79,030 | 72,378 | 68,734 |
| Credit Quality: |  |  |  |
| Net charge-offs: |  |  |  |
| Reported (28) | \$ 707 | \$ 514 | \$ 392 |
| Securitization adjustments | 3,212 | 3,118 | 3,431 |
| Managed net charge-offs | 3,919 | 3,632 | 3,823 |

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## Investment Management Group

The Investment Management Group (IMG) provides investment, insurance, personal trust and private banking services to individuals. IMG also provides investment and investment related services, including retirement, custody and securities lending to institutions. As a result of the Corporation's intention to sell the corporate trust services business, the results of these operations were transferred during 2003 to the Corporate line of business and all prior periods were reclassified.

IMG's registered investment advisory arm, Banc One Investment Advisors (BOIA), ranks among the nation's top asset managers with $\$ 187$ billion in assets under management. BOIA manages One Group ${ }^{\circledR}$ mutual funds, one of the largest mutual fund complexes with 49 funds and $\$ 105.5$ billion in assets under management. IMG also includes Security Capital Research \& Management Incorporated ("Security Capital") which was acquired during the fourth quarter of 2003. With approximately $\$ 3.9$ billion in assets under management, Security Capital is a
recognized expert in developing and providing real estate investment products.
Private client services (PCS) provides comprehensive wealth management, delivering advice and service on both sides of the client's balance sheet. PCS offers integrated financial advice and services such as brokerage, investments and alternative asset management, personal trust, private banking, and financial planning through more than 600 client advisors.

Banc One Insurance is comprised of underwriting and distribution companies which support insurance sales activities across the Corporation's consumer lines of business, and includes Zurich Life, acquired during the third quarter of 2003. Zurich Life is a leading underwriter of term life insurance serving consumers through both a national network of 40,000 licensed brokers/insurance agents and the direct marketing platform of its Zurich Direct agency. It is also a significant underwriter of fixed and variable annuities, with a recognized expertise in the teachers' annuity market.

| For the Year Ended December 31, | 2003(35) | 2002(35) | 2001(35) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income-FTE ${ }^{(2)}$ (33) | \$ 456 | \$ 382 | \$ 385 |
| Banking fees and commissions (3) | 343 | 252 | 233 |
| Service charges on deposits (5) | 19 | 19 | 17 |
| Fiduciary and investment management fees (13) | 623 | 635 | 659 |
| Other income | 39 | 10 | 3 |
| Total noninterest income | 1,024 | 916 | 912 |
| Total revenue, net of interest expense | 1,480 | 1,298 | 1,297 |
| Provision for credit losses | 12 | 35 | 38 |
| Salaries and employee benefits | 449 | 420 | 428 |
| Other expense | 471 | 328 | 344 |
| Total noninterest expense before restructuring-related charges (reversals) | 920 | 748 | 772 |
| Restructuring-related charges (reversals) (34) | - | (1) | 19 |
| Total noninterest expense | 920 | 747 | 791 |
| Income before income taxes | 548 | 516 | 468 |
| Applicable income taxes | 203 | 192 | 175 |
| Net income | \$ 345 | \$ 324 | \$ 293 |
| Financial Performance: |  |  |  |
| Return on average common equity | 30\% | 34\% | 31\% |
| Efficiency ratio | 62 | 58 | 61 |
| Headcount | 4,845 | 4,277 | 4,596 |
| Ending Balances: |  |  |  |
| Commercial | \$ 3,236 | \$3,258 | \$3,418 |
| Consumer | 4,144 | 3,684 | 3,698 |
| Total loans | 7,380 | 6,942 | 7,116 |
| Assets | 15,839 | 8,491 | 8,357 |
| Demand deposits | 1,702 | 1,862 | 2,144 |
| Savings | 9,414 | 6,937 | 5,399 |
| Time | 597 | 761 | 1,001 |
| Foreign offices | 290 | 244 | 165 |
| Total deposits | 12,003 | 9,804 | 8,709 |
| Insurance policy and claims reserves | 6,712 | 226 | 124 |
| Equity | 1,554 | 952 | 954 |

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| For the Year Ended December 31, | 2003(35) | 2002(35) | 2001(35) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Average Balances: |  |  |  |
| Commercial | \$ 3,082 | \$ 3,234 | \$ 3,399 |
| Consumer | 3,727 | 3,735 | 3,553 |
| Total loans | 6,809 | 6,969 | 6,952 |
| Assets | 10,771 | 8,357 | 8,041 |
| Demand deposits | 1,815 | 1,662 | 1,711 |
| Savings | 7,974 | 6,026 | 4,733 |
| Time | 669 | 864 | 1,299 |
| Foreign offices | 168 | 204 | 155 |
| Total deposits | 10,626 | 8,756 | 7,898 |
| Insurance policy and claims reserves | 2,330 | 178 | 120 |
| Equity | 1,154 | 954 | 937 |
| Credit Quality: |  |  |  |
| Net charge-offs: |  |  |  |
| Commercial | \$ 9 | \$ 15 | \$ 27 |
| Consumer | 3 | 5 | 7 |
| Total net charge-offs | 12 | 20 | 34 |
| Net charge-off ratios: |  |  |  |
| Commercial | 0.29\% | 0.46\% | 0.79\% |
| Consumer | 0.08 | 0.13 | 0.20 |
| Total net charge-off ratio | 0.18 | 0.29 | 0.49 |
| Nonperforming assets: |  |  |  |
| Commercial | \$ 32 | \$ 61 | \$ 38 |
| Consumer | 10 | 10 | 4 |
| Total nonperforming loans | 42 | 71 | 42 |
| Other, including other real estate owned ("OREO") | 18 | 1 | 1 |
| Total nonperforming assets | 60 | 72 | 43 |
| Allowance for loan losses | 40 | 40 | 25 |
| Allowance for loan losses to period end loans | 0.54\% | 0.58\% | 0.35\% |
| Allowance for loan losses to nonperforming loans | 95 | 56 | 60 |
| Nonperforming assets to related assets (11) | 0.81 | 1.04 | 0.60 |
| Assets Under Management Ending Balances: |  |  |  |
| Mutual funds | \$105,489 | \$101,234 | \$ 83,488 |
| Other | 81,499 | 60,720 | 59,080 |
| Total | 186,988 | 161,954 | 142,568 |
| By type: |  |  |  |
| Money market | 72,433 | 78,624 | 58,514 |
| Equity | 50,574 | 37,031 | 47,285 |
| Fixed income | 63,981 | 46,299 | 36,769 |
| Total | 186,988 | 161,954 | 142,568 |
| By channel: |  |  |  |
| Private client services | 44,992 | 42,680 | 50,533 |
| Retail brokerage | 8,623 | 7,008 | 7,600 |
| Institutional | 95,001 | 77,799 | 62,408 |
| Commercial cash sweep | 8,134 | 9,015 | 9,850 |
| Capital markets | 3,631 | 4,858 | 1,487 |
| External (36) | 11,197 | 10,802 | 3,757 |
| All other direct (37) (38) | 15,410 | 9,792 | 6,933 |
| Total | 186,988 | 161,954 | 142,568 |
| Morningstar ${ }^{\circledR}$ Rankings: |  |  |  |
| \% of customer assets in funds ranked 4 or better | 48\% | 50\% | 57\% |
| \% of customer assets in funds ranked 3 or better | 87 | 89 | 88 |

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| For the Year Ended December 31, | 2003(35) | 2002(35) | 2001(35) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Private Client Services: |  |  |  |
| Number of private client advisors (39) | 617 | 705 | 670 |
| Number of private client offices (39) | 89 | 92 | 105 |
| Total client assets-end of period (40) | \$ 67,675 | \$61,697 | \$72,220 |
| Ending balances: |  |  |  |
| Loans | 6,919 | 6,894 | 7,006 |
| Deposits | 11,747 | 9,250 | 7,998 |
| Average balances: |  |  |  |
| Loans | 6,628 | 6,919 | 6,882 |
| Deposits | 10,054 | 8,303 | 7,358 |
| Insurance Group: |  |  |  |
| Consolidated gross insurance - related revenue (41) | \$ 648 | \$ 463 | \$ 443 |
| Ending balances: |  |  |  |
| Invested assets | 6,079 | 385 | 337 |
| Policy loans | 411 | - |  |
| Policies in-force - direct/assumed (in thousands) | 2,306 | 1,193 | 1,533 |
| Insurance in-force - direct/assumed | 231,533 | 13,023 | 18,143 |
| Insurance in-force - retained | 42,596 | 13,022 | 18,141 |
| Insurance policy and claims reserves | 6,713 | 226 | 124 |
| A.M. Best rating (42) | A |  | - |

## or additional footnote detail see pages 36,39 and 44 .

(33) Net interest income-FTE did not have tax equivalent adjustments for the years ended December 31, 2003, 2002 and 2001, respectively
 expense (benefit), was $\$ 323$ million and $\$ 305$ million for the years ended December 31, 2002 and 2001, respectively.
(35) Prior period data has been adjusted for the transfer of corporate trust services to the Corporate line of business and the transfer of retail brokerage to the Retail line of business.
(36) Includes broker/dealers, trust companies, and registered investment advisors that sell, or offer, One Group funds.
(37) One Group funds invested in other One Group funds and other mutual funds sub-advised.
(38) 2003 includes assets from the Security Capital acquisition.
(39) Prior period data has been adjusted to conform to current period presentation.
(40) Fiduciary, brokerage, and other related assets (managed and non-managed)
(41) Includes insurance revenues recorded in other lines of business
(42) A.M. Best maintained $A$ ratings with developing implications.

## 2003 compared to 2002

IMG reported net income of $\$ 345$ million, up $\$ 21$ million. This increase resulted primarily from the acquisition of Zurich Life, which was effective September 1, 2003. Positive fund flows, improving market conditions, and an increase in the mix of long term assets also contributed to the year-over-year increase.

Assets under management increased $\$ 25$ billion, or $15 \%$, to $\$ 187$ billion. Contributing to the growth was an increase in the institutional channel of $\$ 17.2$ billion as continued emphasis and focus was placed on sales and marketing of Investment Management Group’s institutional asset management business. In addition, the acquisitions of Zurich Life and Security Capital added $\$ 5.5$ billion, and $\$ 3.9$ billion, respectively. Overall, equity and fixed income assets increased 37\% and $38 \%$ respectively, as clients took advantage of improving market conditions and moved investments from money market to longer term assets.

Net interest income was $\$ 456$ million, an increase of $\$ 74$ million, or $19 \%$, reflecting four month's of earnings on Zurich Life's invested assets. Strong deposit growth of $\$ 2.2$ billion, primarily in private client services, also contributed favorably to the margin, although spreads continued to be weak.

Noninterest income was $\$ 1.0$ billion, an increase of $\$ 108$ million, or $12 \%$, as IMG recognized increased premium income and insurance fees reflecting four months of Zurich Life operations. IMG also recognized higher administrative and advisory fees resulting from positive asset flows and improved market conditions.

Noninterest expense increased $\$ 173$ million to $\$ 920$ million primarily driven by interest credited to annuity and deposit contracts, insurance benefits and an increase in operating expenses related to four months of Zurich Life operations. Higher incentive compensation and legal fees also contributed to the increase in the overall level of expense, although partially offset by lower headcount (excluding Zurich Life).

The provision for credit losses was $\$ 12$ million, a decrease of $\$ 23$ million reflecting lower charge-offs, higher recoveries and no additional increase in the allowance as credit quality in private client services continued to improve. The percent of nonperforming assets to related assets declined from $1.04 \%$ to $0.81 \%$ as nonperforming loans declined 41\% to \$42 million.

In 2003 a number of regulatory authorities, including the New York Attorney General and the Securities and Exchange Commission, commenced investigations of improper trading practices with certain mutual funds, including the One Group. The Corporation is cooperating with these investigations and reviewing its mutual fund practices. As a result of this review, the Corporation announced a series of new policies and procedures approved by the Board of Trustees of the One Group mutual funds designed to strengthen corporate governance and control over the mutual funds and better protect the interests of fund investors. The Corporation also announced it will make full restitution to One Group investors harmed as a result of improper conduct by any employee of the Corporation. In addition, the Corporation, as expected, has been told to anticipate enforce-

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ment action against its mutual fund advisor but is optimistic it can avoid regulatory litigation and reach an amicable resolution with the regulators.

## 2002 compared to 2001

IMG reported net income of $\$ 323$ million, up $\$ 18$ million, or $6 \%$ (excluding the $\$ 1$ million after-tax restructuring charge reversal in 2002 and the $\$ 12$ million aftertax restructuring charge in 2001).

Assets under management were $\$ 162$ billion, an increase of $\$ 19$ billion, or $14 \%$, as a result of strong money market and fixed income asset growth, partially offset by a decline in equity assets, reflecting weak market conditions. One Group mutual fund assets grew to $\$ 101$ billion, an increase of $\$ 18$ billion, or $21 \%$.

Noninterest income was $\$ 916$ million, an increase of $\$ 4$ million. Effective April 1, 2002 the distribution activity for the One Group funds was internalized resulting in an increase in revenue and corresponding increase in expense. Partially offsetting this increase was lower management fee revenue resulting from weak market conditions and the shift from equities to money market and fixed income assets, which generate lower fee revenue.

Noninterest expense was $\$ 748$ million, a decrease of $\$ 24$ million, or $3 \%$ (excluding the $\$ 20$ million pretax benefit resulting from the $\$ 1$ million restructuring charge reversal in 2002 and the $\$ 19$ million restructuring charge in 2001). Contributing to the decrease were lower headcount-related expenses as headcount decreased from 4,596 to 4,277, and other cost saving initiatives.

The provision for credit losses was $\$ 35$ million, a $\$ 3$ million decrease. The allowance for loan losses increased $\$ 15$ million to $\$ 40$ million reflecting the deterioration in credit quality of certain large loans. Nonperforming assets were $\$ 72$ million, a $\$ 29$ million increase, reflecting the credit quality deterioration.

## Corporate

Corporate includes treasury activities, principal investment portfolios, other unallocated corporate expenses, and any gains or losses from corporate transactions. In addition, during 2003 the non-core portfolios and the corporate trust services business were transferred to Corporate from Retail and IMG, respectively. Corporate trust services is reflected as discontinued operations. All prior periods were reclassified for these transfers.

| For the Year Ended December 31, | 2003 | 2002(53) | 2001(53) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Income Statement Data: |  |  |  |
| Net interest income (expense)-FTE (2) (43) (44) | \$ (343) | \$ 294 | \$ 190 |
| Banking fees and commissions (3) | (82) | (33) | (24) |
| Credit card revenue (4) | 1 | 2 | ) |
| Service charges on deposits (5) | (2) | 11 | 23 |
| Fiduciary and investment management fees (13) | 32 | 9 | 9 |
| Investment securities gains (losses) | 87 | 178 | (54) |
| Trading losses (14) | (30) | (24) | (49) |
| Other income (loss) | (24) | 97 | 282 |
| Total noninterest income (loss) (45) | (18) | 240 | 187 |
| Total income (loss), net of interest expense | (361) | 534 | 377 |
| Provision for credit losses | 793 | 435 | 363 |
| Salaries and employee benefits | 942 | 825 | 662 |
| Other expense (income) | (102) | (52) | (68) |
| Total noninterest expense before restructuring-related charges (reversals) | 840 | 773 | 594 |
| Restructuring-related charges (reversals) (46) | - | (21) | 94 |
| Total noninterest expense (47) | 840 | 752 | 688 |
| Loss before income tax benefit | $(1,994)$ | (653) | (674) |
| Applicable income tax benefit | (860) | (351) | (377) |
| Loss from continuing operations, net of tax benefit | $(1,134)$ | (302) | (297) |
| Discontinued operations: |  |  |  |
| Income from discontinued operations | 643 | 61 | 52 |
| Applicable income taxes | 233 | 22 | 19 |
| Income from discontinued operations, net of taxes | 410 | 39 | 33 |
| Net loss | \$ (724) | \$ (263) | \$ (264) |
| Headcount | 14,287 | 15,387 | 14,581 |
| Ending Balances: |  |  |  |
| Non-core portfolios | \$ 8,568 | \$15,296 | \$21,580 |
| Other loans | 177 | 107 | 751 |
| Total loans (48) | 8,745 | 15,403 | 22,331 |
| Assets | 70,348 | 73,836 | 72,640 |
| Memo - |  |  |  |
| Treasury investments (49) | 39,281 | 34,192 | 32,214 |
| Principal investments (50) | 3,214 | 2,254 | 2,738 |
| Deposits | 11,301 | 15,291 | 20,432 |
| Equity | 3,321 | 2,944 | 780 |
| Average Balances: |  |  |  |
| Non-core portfolios | \$11,949 | \$18,460 | \$24,474 |
| Other loans | 228 | 378 | 768 |
| Total loans | 12,177 | 18,838 | 25,242 |
| Assets | 70,178 | 69,100 | 71,786 |
| Deposits | 12,394 | 15,176 | 24,653 |
| Equity | 2,905 | 2,234 | 410 |

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| For the Year Ended December 31, | 2003 | 2002(53) | 2001(53) |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Credit Quality: |  |  |  |
| Net charge-offs: |  |  |  |
| Non-core portfolios (51) | \$ 980 | \$ 424 | \$ 420 |
| Other loans | 4 | 19 | 1 |
| Total net charge-offs (51) | 984 | 443 | 421 |
| Non-core portfolios net charge-off ratio (51) | 8.20\% | 2.30\% | 1.72\% |
| Nonperforming assets: |  |  |  |
| Non-core portfolios | 580 | 790 | 745 |
| Other loans | 2 | 6 | 41 |
| Total nonperforming loans (52) | 582 | 796 | 786 |
| Other, including OREO | 78 | 6 | 5 |
| Total nonperforming assets | 660 | 802 | 791 |
| Allowance for loan losses (54) | \$ 148 | \$ 339 | \$ 347 |
| Allowance for loan losses to period end loans (48) | 2.76\% | 2.20\% | 1.55\% |
| Allowance for loan losses to nonperforming loans (52) | 43 | 43 | 44 |
| Nonperforming assets to related assets | 7.48 | 5.20 | 3.54 |

## adit <br> (43) Net interest expense-FTE includes tax equivalent adjustments of $\$ 34$ million, $\$ 32$ million and $\$ 31$ million for the years ended December 31, 2003, 2002 and 2001, respectively

(44) Net interest expense-FTE primarily includes treasury results, interest spread on investment-related activities and spread on non-core portfolios.
(45) Noninterest income primarily includes the gains and losses from investment activities and other corporate transactions.
 expense (benefit), was $\$ 276$ million and $\$ 205$ million for the years ended December 31, 2002 and 2001, respectively.
(47) Noninterest expense primarily includes corporate expenses not allocated to the lines of business
 31, 2001.

Treasury investments may include U.S. government and agency debt securities, mortgage- and other asset-backed securities and other fixed income investments.
Principal investments include primarily private equity investments and venture capital fund investments.
Net charge-offs include $\$ 652$ million of charge-offs related to the transfer of $\$ 4.1$ billion of home equity loans to held for sale.
Nonperforming loans include loans held for sale of $\$ 239$ million at December 31, 2003. This amount is not included in allowance coverage statistics. There were no nonperforming held for sale at December 31 , 2002 and 2001.
Prior period data has been adjusted for the transfer of corporate trust services from the Investment Management Group line of business and the transfer of the non-core portfolios and community development business from the Retail line of business. Prior period amounts have been reclassified to conform to current presentation.
54) Allowance for loan losses reflects a $\$ 237$ million decline related to the $\$ 4.1$ billion transfer of home equity loans to held for sale.

## 2003 compared to 2002

Corporate net loss totaled $\$ 724$ million, compared with a net loss of $\$ 276$ million (excluding the $\$ 13$ million after-tax benefit from a restructuring charge reversal in the prior year). Corporate net loss from continuing operations totaled $\$ 1.1$ billion compared with a net loss from continuing operations of $\$ 315$ million which excludes the $\$ 13$ million after-tax benefit. Income from discontinued operations, net of taxes, was $\$ 410$ million compared with $\$ 39$ million.

## Corporate Excluding Non-Core Portfolios <br> and Discontinued Operations

In addition to the earnings impact of the non-core portfolios and the discontinued operations, which are described below, Corporate net loss included the following pretax components:

| For the Year Ended December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | :---: |
| (In millions) | $\mathbf{\$ ( 3 6 9 )}$ | $\mathbf{\$}$ |
| Treasury net interest (expense) income | $\mathbf{8 7}$ | 178 |
| Net securities gains | $\mathbf{( 1 6 2 )}$ | - |
| Losses related to termination of debt and related hedges | $\mathbf{( 6 6 7 )}$ | $\mathbf{( 5 8 4 )}$ |

Treasury net interest expense was $\$ 369$ million, an increase of $\$ 386$ million over the prior year. This increase was primarily the result of actions taken in 2002 by the Corporation to extend liability duration and reposition
the treasury investment portfolio in order to position the balance sheet more defensively for rising interest rates.

Net securities gains were $\$ 87$ million, as a result of both net gains in principal investments and net losses in the treasury investment portfolio. This compares to net securities gains of $\$ 178$ million in the prior year. The net gains on the principal investment portfolio of $\$ 330$ million in the current year were primarily driven by the sale of Ability One. The prior year included the $\$ 261$ million gain on the sale of the GE Monogram joint venture. Valuation adjustments included in each period's net securities gains were primarily a result of changes in the value of the publicly traded equity market, private equity valuations, the interest rate environment and economic conditions.

The Corporation repaid certain floating rate debt and unwound related hedges leading to a $\$ 162$ million loss, which was recognized in other income.

Corporate unallocated expenses were $\$ 667$ million, compared to $\$ 584$ million (excluding the $\$ 21$ million pretax benefit from a restructuring charge reversal). The increase in the current year was primarily a result of a $\$ 100$ million additional litigation reserve for a variety of pending litigation matters. Corporate expenses for 2002 included $\$ 89$ million of expenses for the termination of certain vendor contracts, renegotiation of others and the bringing in-house of various network, technology and programming functions.

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## Non-Core Portfolios

In 2003, the Corporation ceased origination of wholesale mortgage and broker home equity loans to focus on direct lending. In order to present the core results of Retail more clearly, these portfolios along with the auto lease portfolio, were transferred to the Corporate line of business. During 2003, home equity loans totaling $\$ 4.1$ billion were transferred to held for sale and written down to reflect estimated market value. This resulted in a pretax charge of $\$ 415$ million comprised of $\$ 652$ million of net charge-offs, partially offset by $\$ 237$ million in existing reserves. Net loss related to the non-core portfolios was $\$ 364$ million compared to a net loss of $\$ 8$ million. The $\$ 264$ million after-tax charge related to the transfer drove this net loss.

Average loan balances (including loans held for sale) were $\$ 11.9$ billion, down $35 \%$ as the portfolios continued to liquidate at a steady pace. Net interest income was $\$ 398$ million, down $\$ 196$ million, primarily due to this continued liquidation.

Provision for credit losses was $\$ 789$ million, up $\$ 372$ million primarily due to the write-downs related to the home equity loans transferred to held for sale. Excluding this impact, net charge-offs were $\$ 328$ million versus $\$ 424$ million.

Noninterest expense was \$174 million, down \$15 million, or 8\% from 2002.

## Discontinued Operations

As a result of the Corporation's sale of its corporate trust services business to JPMorgan Chase, the results of these operations were transferred from IMG to the Corporate line of business and reported as discontinued operations. The following table provides details of the impact of this business:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Total revenues | \$ 730 | \$ 131 | \$ 114 |
| Total expenses (excluding taxes) | 87 | 70 | 62 |
| Pretax income | 643 | 61 | 52 |
| Net income | \$ 410 | \$ 39 | \$ 33 |
| Total assets | \$ 72 | \$ 84 | \$ 239 |

The sale of the corporate trust business to JPMorgan Chase was completed during the fourth quarter 2003, resulting in a net gain of $\$ 597$ million, which was reported in discontinued operations. Approximately $\$ 70$ million remains to be collected from this sale representing a $10 \%$ sales contingency. Receipt of this amount by the Corporation is contingent upon JPMorgan Chase's business retention levels. With the announced pending merger with JPMorgan Chase, the Corporation does not expect to receive the additional purchase price.

## 2002 compared to 2001

Corporate net loss was $\$ 276$ million, compared with a net loss of $\$ 205$ million (excluding the $\$ 13$ million after-tax benefit from a restructuring charge reversal in 2002 and the $\$ 59$ million after-tax restructuring charge in 2001). Corporate net loss from continuing operations totaled $\$ 315$ million compared with a net loss from continuing operations of $\$ 238$ million which also exclude the 2002 and 2001 aftertax restructuring impacts. Income from discontinued operations, net of taxes, was \$39 million compared with \$33 million.

Corporate Excluding Non-Core Portfolios
and Discontinued Operations
In addition to the earnings impact of the non-core portfolios and the discontinued operations, which are described below, Corporate net loss included the following pretax components:

| For the Year Ended December 31, | 2002 | 2001 |
| :--- | ---: | ---: |
| In millions) |  |  |
| Treasury net interest income (expense) | $\$ 17$ | $\$(308)$ |
| Net securities gains (losses) | 178 | $(54)$ |
| Corporate unallocated expenses, net of restructuring | $(584)$ | $(351)$ |

Treasury net interest income was $\$ 17$ million, an increase of $\$ 325$ million over the prior year, primarily a result of lower interest rates. In 2002, the Corporation extended liability duration and repositioned the treasury investment portfolio in order to position the balance sheet more defensively for rising interest rates.

Investment securities gains in 2002 were $\$ 178$ million, reflecting the gain on the sale of the GE Monogram joint venture of $\$ 261$ million, partially offset by net losses in the investment portfolios. In 2001, net investment losses were $\$ 54$ million due to writedowns in the principal investments portfolio partially offset by treasury investment portfolio gains. The valuation adjustments in principal investments in 2002 and 2001 were primarily a result of the overall decline in the value of the equity market, the interest rate environment and a decline in the value of private equity investments as a result of existing economic conditions.

Other income in 2002 was $\$ 97$ million, compared with $\$ 282$ million. The decrease of $\$ 185$ million was primarily a result of mortgage-related losses and valuation adjustments on other investments in 2002, and $\$ 73$ million of gains realized in 2001 on the sales of the Corporation's interests in EquiServe Limited Partnership and Star Systems, an ATM network.

Corporate noninterest expenses in 2002 were $\$ 584$ million, compared with $\$ 351$ million (excluding the $\$ 21$ million pretax benefit from a restructuring charge reversal in 2002 and the $\$ 94$ million pretax restructuring charge in 2001). The increase in 2002 was primarily due to salaries and benefits, including stock options, and one-time charges of $\$ 89$ million for the termination of certain vendor contracts, renegotiation of others and the bringing in-house of various network, technology and programming functions.

## Non-Core Portfolios

Net loss related to the non-core portfolios in 2002 was $\$ 8$ million, compared to net income of \$165 million in 2001.

Average loan balances in 2002 were $\$ 18.5$ billion, down from $\$ 24.5$ billion in 2001 , or $25 \%$, as the portfolios continued to liquidate at a steady pace. Net interest income was $\$ 594$ million, down $\$ 266$ million, or $31 \%$, from the prior year primarily due to this liquidation.

Provision for credit losses in 2002 was $\$ 417$ million, an increase of $\$ 56$ million primarily due to credit deterioration in the portfolios. The allowance to period end loans increased to $2.19 \%$ from $1.58 \%$ as the net charge-off ratio grew to $2.30 \%$, an increase of $58 \%$. Nonperforming loans totaled $\$ 790$ million, up $6 \%$ from $\$ 745$ million in 2001.

Noninterest expense was \$189 million, down \$54 million, or 22\%, from 2001.

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## Non-Core Portfolios

The following table presents financial information for the non-core portfolios which were transferred from Retail and is reflected in the Corporate line of business financial information.

| For the Year Ended December 31, | 2003 |  | 2002 |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement Data: |  |  |  |  |  |  |
| Net interest income-FTE (2) (33) | \$ | 398 | \$ | 594 | \$ | 860 |
| Banking fees and commissions (3) |  | 3 |  | - |  | 3 |
| Other (loss) income |  | (9) |  | - |  | 1 |
| Total noninterest income |  | (6) |  | - |  | 4 |
| Total revenue, net of interest expense |  | 392 |  | 594 |  | 864 |
| Provision for credit losses |  | 789 |  | 417 |  | 361 |
| Salaries and employee benefits |  | 9 |  | 17 |  | 24 |
| Other expense |  | 165 |  | 172 |  | 219 |
| Total noninterest expense |  | 174 |  | 189 |  | 243 |
| (Loss) income before income taxes (benefits) |  | (571) |  | (12) |  | 260 |
| Applicable income taxes (benefits) |  | (207) |  | (4) |  | 95 |
| Net (loss) income | \$ | (364) | \$ | (8) | \$ | 165 |
| Financial Performance: |  |  |  |  |  |  |
| Return on average common equity |  | (26)\% |  | (1)\% |  | 12\% |
| Efficiency ratio |  | 44 |  | 32 |  | 28 |
| Headcount |  | - |  | 294 |  | 346 |
| Ending Balances: |  |  |  |  |  |  |
| Home equity | \$ | 6,832 |  | ,009 |  | ,881 |
| Vehicle leases and other loans |  | 1,736 |  | ,287 |  | ,699 |
| Total Loans (48) |  | 8,568 |  | ,296 |  | ,580 |
| Equity |  | 1,415 |  | ,415 |  | ,415 |
| Average Balances: |  |  |  |  |  |  |
| Home equity | \$ | 9,369 |  | ,798 |  | ,689 |
| Vehicle leases and other loans |  | 2,580 |  | ,662 |  | ,785 |
| Total Loans |  | 11,949 |  | ,460 |  | ,474 |
| Equity |  | 1,415 |  | 1,415 |  | ,415 |
| Credit Quality: |  |  |  |  |  |  |
| Net charge-offs |  |  |  |  |  |  |
| Home equity (51) | \$ | 892 | \$ | 329 | \$ | 321 |
| Vehicle leases and other loans |  | 88 |  | 95 |  | 99 |
| Total net charge-offs (51) |  | 980 |  | 424 |  | 420 |
| Net charge-off ratios: |  |  |  |  |  |  |
| Home equity (51) |  | 9.52\% |  | 2.57\% |  | 1.92\% |
| Vehicle leases and other loans |  | 3.41 |  | 1.68 |  | 1.27 |
| Total net charge-off ratio (51) |  | 8.20 |  | 2.30 |  | 1.72 |
| Nonperforming assets: |  |  |  |  |  |  |
| Nonperforming loans (52) | \$ | 580 | \$ | 790 | \$ | 745 |
| Other, including other real estate owned ("OREO") |  | 77 |  | - |  | - |
| Total nonperforming loans |  | 657 |  | 790 |  | 745 |
| Allowance for loan losses |  | 144 |  | 335 |  | 342 |
| Allowance for loan losses to period end loans (48) |  | 2.78\% |  | 2.19\% |  | 1.58\% |
| Allowance for loan losses to nonperforming loans (52) |  | 42 |  | 42 |  | 46 |
| Nonperforming assets to related assets (11) |  | 7.60 |  | 5.16 |  | 3.45 |

For additional footnote detail see pages $36,39,44,49$ and 51 .

## BALANCE SHEET ANALYSIS

At December 31, 2003, total assets were $\$ 326.6$ billion, an increase of $\$ 48.6$ billion, or $17 \%$, primarily attributable to the adoption of FIN No. 46. On December 31, 2003, the Corporation consolidated $\$ 39.6$ billion of assets and liabilities related to its asset-backed conduit business as a result of FIN No. 46. The Corporation's total assets included loans of $\$ 138.1$ billion, investment securities of $\$ 85.0$ billion and interests in purchased receivables of $\$ 32.9$ billion. Average earning assets for the year ended December 31, 2003 were $\$ 241.5$ billion and contributed $\$ 12.8$ billion to the Corporation's earnings, representing a yield of $5.31 \%$.

The Corporation's total liabilities were $\$ 303.1$ billion at December 31, 2003, an increase of $\$ 47.6$ billion, or $19 \%$.

Deposits, which totaled $\$ 164.6$ billion, decreased $\$ 5.4$ billion, or 3\%. Other shortterm borrowings increased $\$ 35.4$ billion to $\$ 47.7$ billion as a result of the adoption of FIN No. 46. Long-term debt increased by 8\% to $\$ 46.8$ billion. The Zurich Life acquisition added $\$ 6.5$ billion in insurance policy and claims reserves. Average interest-bearing liabilities for the year ended December 31, 2003 were $\$ 193.2$ billion, resulting in interest payments of $\$ 4.5$ billion at an average rate of 2.34\%.

## Loans

The Corporation's loan portfolio was $\$ 138.1$ billion at December 31, 2003, compared to $\$ 148.1$ billion, a decrease of $\$ 10.0$ billion, or $7 \%$. Commercial Banking loans totaled $\$ 53.8$ billion compared with $\$ 61.9$ billion, a decrease of $\$ 8.1$ billion. Contributing to the decrease was the decline in corporate banking balances as customers
utilized favorable public-market alternatives. In addition, the Corporation intentionally reduced credit and certain concentration risks, by tightening underwriting standards, rationalizing lending limits and exiting underperforming customer relationships. The resulting improvement in credit quality is evidenced by the $60 \%$ decline in Commercial Banking net charge-offs.

The non-core portfolios, included in the Corporate line of business, totaled $\$ 8.6$ billion at December 31, 2003, a decrease of $\$ 6.7$ billion, or $44 \%$. This decrease reflected the continued run-off of the portfolios and the $\$ 652$ million charge-off resulting from the transfer to held for sale of $\$ 4.1$ billion of loans.

Partially offsetting these decreases was growth in Retail loan balances. Retail loans totaled $\$ 56.2$ billion, an increase of $\$ 3.9$ billion, or $8 \%$. The increase was primarily due to a $\$ 5.6$ billion increase in home equity loans, partially offset by a $\$ 1.1$ billion decrease in vehicle loans.

## Trading Assets

Trading assets, increased by $\$ 4.4$ billion to $\$ 11.6$ billion as of December 31, 2003. The increase is primarily due to growth in trading activity and higher customer volumes in 2003. Increases in the U.S. Government and Agency and Corporate securities portfolios represent $\$ 3.1$ billion of the $\$ 4.4$ billion.

## Investment Securities

Investment securities increased $\$ 17.3$ billion to $\$ 85.0$ billion primarily due to the consolidation of certain asset-backed conduits and the acquisition of Zurich Life, which contributed $\$ 5.9$ billion and $\$ 5.4$ billion, respectively.

## Interests in Purchased Receivables

Assets consolidated under FIN No. 46 include $\$ 32.9$ billion of interests in purchased receivables, which represent undivided interests in pools of receivables and similar types of assets.

## Deposits

Total deposits were $\$ 164.6$ billion, a decrease of $\$ 5.4$ billion, or $3 \%$, from the prior year. Demand deposits totaled $\$ 24.5$ billion compared to $\$ 34.3$ billion, a decrease of $\$ 9.8$ billion, or $29 \%$. Time deposits decreased $\$ 7.6$ billion to $\$ 22.9$ billion, while savings deposits increased $\$ 10.2$ billion to $\$ 99.2$ billion. During the year, the U.S. Treasury began to compensate the Corporation for services provided using special issue securities resulting in reduced deposits.

## Short-term Borrowings

The increase in other short-term borrowings of $\$ 35.4$ billion was primarily a result of implementing FIN No. 46.

## Insurance Policy and Claims Reserves

The purchase of Zurich Life increased insurance policy and claims reserves by $\$ 6.5$ billion to $\$ 6.7$ billion.

## Stockholders' Equity

Treasury stock increased $\$ 1.7$ billion, primarily reflecting the impact of the repurchase of 55 million shares of the Corporation's common stock under the stock repurchase programs.

## RISK MANAGEMENT

Risk is an inherent part of the Corporation's business activities. The Corporation's ability to properly and effectively identify, measure, monitor, and report risk in its business activities is critical to its soundness and profitability. The diversity of the Corporation's
lines of business helps reduce the impact of volatility in any particular area on operating results as a whole.

## Corporate Risk Management Governance Structure

While the lines of business are primarily responsible for managing the risks inherent in their businesses, the Corporation has established a risk management governance structure to establish policy, monitor adherence to policy and manage the overall risk profile of the organization.

The Corporation believes risk management is the responsibility of every employee. In addition, various functional groups have specific roles and responsibilities to manage risk:

- Board of Directors: determines risk appetite and risk capacity. The Audit and Risk Management Committee routinely reviews risk issues.
- Risk Committees: ensure appropriate management of aggregate risks and capital, acceptable corporate and line of business risk profiles and the integrity of risk governance processes. Risks addressed include, but are not limited to credit, market, reputation and operational risk. The Executive Risk Committee is cochaired by the Chief Executive Officer and Chief Risk Officer. Each line of business risk subcommittee is co-chaired by the head of the line of business and its respective chief risk officers. Committee members represent the lines of business, corporate risk management, finance and legal functions.
- Chief Risk Officer: establishes effective risk management infrastructure (people, process and systems).
- Lines of Business: manage risk exposures to approved limit structures for their applicable line of business and identify risk linkages to other lines of business.
- Investment Committee: ensures appropriate management of both new investment proposals and the existing portfolio of investments; approves new investment proposals and divestment strategies. The committee is co-chaired by the Chief Financial Officer and Head of Financial Planning and Acquisitions.
- Principal Investments Committee: a separate investment committee exists for governing the principal investments portfolio and is chaired by the Chief Executive Officer.
- Corporate Audit: independently assesses and recommends actions to mitigate risk across the corporation.
- Asset and Liability Committee ("ALCO"): provides governance and oversight of liquidity, structural interest rate risk and capital and is co-chaired by the Chief Financial Officer and Treasurer.


## Risk Management Process

There are four critical elements to the Corporation's risk management process:

- Risk Identification: The Corporation identifies risk dynamically by assessing the potential impact of internal and external factors on current businesses and new products/programs, and by developing risk mitigation strategies to effectively manage identified risks.
- Risk Measurement: The Corporation measures risk using a variety of methodologies including: calculating expected loss, unexpected loss and value-atrisk; and conducting stress tests and making comparisons to external benchmarks. Measurement models and underlying assumptions are routinely validated to ensure accurate risk measurement.
- Risk Monitoring/Control: The Corporation establishes risk management policies and procedures. These policies contain
approved limits by customer, product and business that are monitored weekly.
- Risk Reporting: Risk reporting covers all lines of business and is comprehensively provided to management on a weekly basis.


## Risk Types

There are seven major risk types identified by the Corporation:

- Credit risk is the risk to earnings or capital arising from an obligor's failure to meet the terms of any contract with the Corporation or otherwise fail to perform as agreed.
- Liquidity risk is the risk of loss arising from an institution's inability to meet its obligations when they come due without incurring unacceptable losses.
- Market risk is the risk that changes in future market rates or prices will make the Corporation's positions less valuable.
- Operational risk is the risk of loss resulting from inadequate or failed internal processes, people or systems or from external events.
- Reputation risk is the risk to earnings or capital arising from negative public opinion. This affects the institution's ability to establish new relationships or services, or continue servicing existing relationships.
- Strategic risk is the risk to earnings or capital arising from adverse business decisions or improper implementation of those decisions.
- Compliance risk is the risk to earnings or capital arising from violations of, or nonconformance with, laws, rules, regulations, prescribed practices, or ethical standards.

Additionally, as a result of the acquisition of Zurich Life, the Corporation assumed risk associated with insurance policy and claims reserves, which represent liabilities for insurance and annuity benefits expected to be paid. Such benefits are estimated based on a number of assumptions including mortality, morbidity, persistency and interest rates, and other assumptions based on the Corporation's experience.

Additional detail on Credit, Liquidity, Market and Operational risk management follows:

## CREDIT RISK MANAGEMENT

Credit risk is a significant risk to the Corporation. It represents risk to earnings arising from an obligor's failure to meet the terms of any contract with the Corporation or otherwise fail to perform as agreed. Credit risk is found in all activities where success depends on issuer, borrower or counterparty performance. It arises any time funds are extended, committed, invested, or otherwise exposed through actual or implied contractual agreements, whether reflected on or off the balance sheet. On-balance sheet credit exposure includes such items as loans. Offbalance sheet credit exposure includes unfunded credit commitments and other credit-related financial instruments.

Management proactively manages the risk/reward relationship of each portfolio to achieve profitability targets and required rates of return on investment. The Corporation uses credit derivatives (primarily single name credit default swaps) and short bond positions, as protection against deterioration of credit quality on commercial loans and loan commitments.

## Risk Identification

Credit risk is the most prevalent risk associated with banking, and encompasses more than the traditional definition associated with
lending activities. Credit risk also arises in conjunction with a broad range of bank activities, including selected investment portfolio products, derivatives trading partners, or foreign exchange counterparties. Credit risk also arises due to country or sovereign exposure, as well as indirectly through guarantor performance.

## Risk Measurement

Expected and Unexpected Losses
Using statistical techniques, expected and unexpected losses are calculated for each segment of the portfolio. Expected loss is the average expected loss over a cycle, and unexpected loss represents the potential volatility of losses relative to expected loss levels.

Expected loss calculations and related stress tests are used as a basis for evaluating allowance for credit losses adequacy. Unexpected loss calculations are used as a basis for calculating economic capital, which is a management tool used to allocate capital to each line of business for internal management purposes. Expected and unexpected loss calculations are made at the facility and portfolio levels, and are used as a basis for pricing to ensure appropriate risk/reward balance.

The Corporation employs several methodologies for estimating expected and unexpected losses. Methodologies are determined based on a number of factors, including type of asset (e.g., consumer installment versus commercial loan), risk measurement parameters (e.g., delinquency status and credit bureau score versus commercial risk rating), and risk management and collection processes (e.g., retail collection center versus centrally managed workout units). Risk measurement is primarily based on two methodologies: risk-rated exposure and credit-scored exposure.

## Risk-Rated Exposure

For portfolios that are risk-rated (generally commercial), expected and unexpected loss calculations are based on estimates of probability of default and loss given default. Probability of default is the one-year expected default calculated on an obligor basis. Loss given default is an estimate of losses that are based on collateral and structural support for each credit facility. The Corporation uses a 20-point obligor risk rating scale, which estimates the probability of default and an 8-point facility based scale, which estimates the loss given default. Calculations and assumptions are based on management information systems and methodologies that are under continual review.

Risk ratings are reviewed on an ongoing basis by corporate risk management and revised, if needed, to reflect the borrowers' current risk profile and the related collateral and structural position. The lower categories of credit risk are equivalent to the four bank regulatory classifications: Special Mention, Substandard, Doubtful and Loss.

## Credit-Scored Exposure

For credit-scored portfolios (generally Retail and Card Services), expected loss is based on a statistical analysis of inherent losses over discrete periods of time. Expected losses are estimated using statistical analysis, such as roll rate models, which use historical losses, and vintage forecasting models. Other risk characteristics evaluated include: recent loss experience in the portfolios, changes in origination sources, portfolio seasoning, loss severity, and underlying credit practices, including charge-off policies. This analysis is applied to the current portfolios in order to forecast delinquencies and severity of losses, which determines the amount of future probable losses. These factors and analysis are updated on a quarterly basis.

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## Risk Monitoring

The Executive Risk Committee has developed policies to manage the level and composition of risk in its portfolio, and reviews the Corporation's performance relative to those policies.

The line of business risk committees have developed policies that focus on origination, portfolio management and managed assets-related activities. The policy framework establishes approval authorities and related processes, risk rating methodologies, portfolio review parameters and management of problem loans. The objective of the credit risk management process is to quantify and manage credit risk on an aggregate portfolio basis as well as to reduce the risk of loss resulting from an individual customer default. Corporate risk management works with lending officers and line of business personnel involved in credit decision making and is involved in the implementation, refinement, and monitoring of the Corporation's credit policies and procedures. Credit limits are approved by the Executive Risk Committee and adherence to those limits is monitored weekly.

In order to meet its credit risk management objectives, the Corporation maintains a risk profile that is diverse in terms of borrower, product-type, and industry and geographic concentrations. Additional diversification of the Corporation's exposure is accomplished through syndication of credits, participations, loan sales, securitizations, credit derivatives and other risk-reduction techniques.

## Risk Reporting

Aggregate credit exposure, credit metric forecasts, hold limit exceptions and risk profile changes are reported weekly for all portfolios. Expected loss calculations and detailed portfolio reporting of industry, customer and geographic concentrations are reported monthly to senior management. In addition, the results of comprehensive stress tests of expected loss for reserve establishment are presented in the quarterly reports to senior management. Through the Risk Committee governance structure, credit risk trends and limit exceptions are regularly discussed on a comprehensive basis.

## LIQUIDITY RISK MANAGEMENT

Liquidity is managed to preserve stable, reliable and cost-effective sources of funding to meet all current and future financial obligations. At the Corporation, strong liquidity is provided by a variety of sources including:

- A portfolio of liquid assets, comprised of federal funds sold, deposit placements and marketable securities.
- A large customer deposit base arising through the Corporation's Commercial Banking and Retail business activities.
- A diversified mix of short- and long-term funding sources from the wholesale financial markets.
- A substantial and growing capital position in excess of regulatory well-capitalized standards.
- Significant borrowing capacity at the Federal Reserve discount window.

The Corporation is an active participant in the global financial markets through which it obtains a significant amount of funding. These markets serve as a costeffective source of funds and are a critical component of the Corporation's liquidity management. Decisions concerning the timing and tenor of accessing these markets are based on relative costs, general market conditions, prospective views of balance sheet growth, and a targeted liquidity profile. A disruption in the financial markets could limit access to liquidity for the Corporation.

During 2003, the Corporation issued approximately $\$ 11.7$ billion in long-term debt, consisting of $\$ 4.4$ billion in bank notes, $\$ 3.6$ billion in FHLB advances, $\$ 2.7$ billion in medium-term notes, $\$ 724$ million in securitized auto loans (accounted for as a financing transaction), and $\$ 350$ million in subordinated debt. During the year, approximately $\$ 9.8$ billion in long-term debt matured or was called, consisting of $\$ 3.8$ billion in bank notes, $\$ 2.4$ billion in FHLB advances, $\$ 2.2$ billion in medium-term notes, and $\$ 1.4$ billion in subordinated debt. Funding was also obtained during the year from the securitization of $\$ 11.5$ billion in credit card loans. The Corporation expects to continue to access these as well as a number of short-term funding sources in the future. The marginal cost of short- and longterm funding as measured against LIBOR equivalents was steady or improved slightly during the year. A further discussion of short- and long-term debt is contained in Note 15 beginning on page 96 and Note 14 beginning on page 95, respectively. Securitizations are discussed in Note 11, "Credit Card Securitizations," beginning on page 92

The Corporation's ability to maintain regular access to competitively priced wholesale funds is fostered by strong debt ratings from the major credit rating agencies. Management views the following factors as critical to retaining high credit ratings:

- Strong capital ratios and credit quality
- A stable, diverse earnings stream
- Diversity of liquidity sources
- Strong liquidity monitoring procedures

During 2003, the Corporation’s ratings outlook as assigned by Moody's Investor Services, Standard \& Poor's, and Fitch, Inc. was stable. Following the January 14, 2004, announcement of the Corporation's merger with JPMorgan Chase, Standard \& Poor's changed the Corporation's outlook to positive.

The Corporation and its principal banks had the following long- and short-term debt ratings:

| At December 31, 2003 |  | Short-Term Debt |  | Senior Long-Term Debt |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| The Corporation (parent) | S \& P | Moody's | Fitch | S \& P | Moody's | Fitch |
| Principal banks | A-1 | P-1 | F1 | A | Aa3 | A+ |

The Corporation's principal insurance subsidiaries had the following financial strength ratings:

| At December 31, 2003 | $S$ \& $\mathrm{P}^{(1)}$ | Moody's | A.M. Best(2) |
| :---: | :---: | :---: | :---: |
| Principal insurance companies | A+ | A2 | A |

(1) S\&P rating is currently on negative outlook which indicates the potential direction of the principal insurance companies' ratings.
(2) A.M. Best maintained $A$ ratings with developing implications.

## Risk Identification

Treasury is responsible for measuring and managing the liquidity profile with oversight from ALCO. Liquidity risks reviewed include the diversity of the Corporation's sources of funding and the maturity structure of those sources, quantity of liquid assets held, contingent funding requirements and sensitivity to changes in credit ratings. Treasury tests a series of liquidity scenarios and works with the lines of business to understand and manage the potential liquidity risks in the Corporation.

## Risk Measurement and Monitoring

The Corporation has established operating guidelines around balance sheet liquidity that include required levels of liquid assets and limits on liquidity gaps. Liquidity gaps measure balance sheet cash flow mismatches and quantify certain liability maturities in excess of liquid assets.

The Corporation monitors and manages liquidity considering both on- and offbalance sheet exposures. On-balance sheet liquidity is impacted by balance sheet growth, level and mix of customer deposits, and access to wholesale funding. In the normal course of business, the Corporation enters into certain forms of off-balance sheet transactions, including credit card securitizations, unfunded loan commitments, letters of credit and financing of customer receivable pools and other financial assets. These transactions are managed through the Corporation's various risk management processes. For example, liquidity facilities provided to Corporation- and third party-administered specialized financing entities might require funding if the Corporation's short-term rating were to fall to A-2 or P-2. Credit card securitizations may be subject to early amortization if certain performance measures of the issuing trust were not maintained. Other events could result in additional funding requirements for the Corporation.

The parent company faces unique liquidity constraints due to legal limitations on its ability to borrow funds from its banking subsidiaries. The parent company obtains funding to meet its obligations through bank and nonbank subsidiary dividends (within regulatory limitations) and through the issuance of debt and capital securities. The parent company holds liquid assets equal to at least 12 months of its upcoming debt maturities to ensure adequate liquidity is available.

The parent company is the primary source of liquidity for a number of nonbank subsidiaries. The largest of these are subsidiaries engaged in nonbank qualified leasing, private investment, and equity derivative businesses. Several other nonbank subsidiaries generate most or all of their own liquidity. Banc One Capital Markets generates liquidity by using repurchase agreements in association with its trading assets, through short sales, and from third-party borrowing arrangements. The insurance subsidiaries (primarily Zurich Life) generate liquidity through the receipt of premium payments from customers. Asset-backed conduit assets, consolidated on the Corporation's balance sheet as the result of FIN No. 46, are primarily funded through the issuance of commercial paper.

On January 20, 2004, the Corporation agreed to purchase Circuit City's privatelabel credit card operation. The operation includes receivables and related cash reserves of $\$ 1.8$ billion.

The Corporation will receive with the purchase approximately $\$ 800$ million in funding in the form of securitized receivables. The purchase is anticipated to close in the second quarter of 2004 and will be funded through operating revenues and liquidity sources held or available to the Corporation.

## Risk Reporting

A combination of daily, weekly, monthly and other periodic reports provided to senior management detail the following:

- Internal liquidity risk metrics
- Composition and level of the liquid asset portfolio
- Timing differences in short-term cash flow obligations
- Available pricing and market access to the financial markets for capital, term-debt and securitization transactions
- Exposure to contingent draws on the Corporation's liquidity
- Liquidity stress testing under systemic and Corporation specific scenarios


## MARKET RISK MANAGEMENT

Market risk refers to potential losses arising from changes in interest rates, foreign exchange rates, equity prices, commodity prices and credit spreads in market risk sensitive instruments. Market risk arises in both trading and non-trading portfolios. The section on "Market Risk Management-Non-Trading Activities" on page 60 provides an overview of our approach to managing market risks arising from nontrading portfolios. In these asset and liability management activities, policies are in place to closely manage structural interest rate risk. Disclosures about the fair value of financial instruments, which reflect changes in market prices and rates, can be found in Note 24 "Fair Value of Financial Instruments" beginning on page 105.

## Market Risk Management - Trading Activities

Through its trading activities, the Corporation strives to take advantage of profit opportunities due to changes in interest rates, exchange rates, equity prices, commodity prices and credit spreads. The Corporation's trading activities are primarily customer-oriented. For example, cash instruments are bought and sold to satisfy customers' investment needs. Derivative contracts are initially entered into to meet the risk management needs of customers. The Corporation enters into subsequent transactions to manage the level of risk in accordance with approved limits. In order to accommodate customers, an inventory of capital markets instruments is carried, and access to market liquidity is maintained by making bidoffer prices to other market makers. The Corporation may also take proprietary trading positions in various capital markets cash instruments and derivatives, and these positions are designed to profit from anticipated changes in market factors. Activity is focused in OECD (Organization for Economic Cooperation and Development) markets, with very little activity in emerging markets.

Many trading positions are kept open for brief periods of time, often less than one day. Other positions may be held for longer periods. Trading positions are carried at estimated fair value, with realized and unrealized gains and losses included in noninterest income as trading income.

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## Risk Identification

Corporate market risk management works with various lines of business personnel to refine and monitor market risk policies and procedures, and is the primary independent oversight unit for market risk arising from line of business activities. The line of business, working in conjunction with corporate market risk management, is responsible for comprehensive identification of market risks. These market risks include the sensitivities to such market factors as changes in prices, interest rate curves, spreads, basis, volatility, gamma, time decay and correlations. Market risk management also conducts annual reviews of each of the trading businesses to confirm approved products and trading strategies.

## Risk Measurement

The Corporation relies on a number of statistical and nonstatistical measurements to monitor the level of market risk arising from interest rates, foreign exchange, equities, commodities and credit spreads. The Corporation has developed policies and procedures to manage market risk in its trading activities through value-at-risk measurement, stress testing and dollar trading limits. The objective of this process is to quantify and manage market risk in order to limit single and aggregate exposures. Dollar trading limits are subject to varying levels of approval by senior line of business management, with review by corporate market risk management. For nontrading portfolios, the primary measures of market risk are earnings at risk and the economic value of equity sensitivity.

Value-At-Risk
For trading portfolios, value-at-risk measures the maximum fair value the Corporation could be reasonably expected to lose on a trading position, given a specified confidence level and time horizon. Value-at-risk limits and exposure are monitored daily for each
significant trading portfolio. Value-at-risk was not calculated for credit derivatives used to hedge specific credits in the loan portfolio. However, stress testing is regularly performed for these credit derivative positions. See discussion of credit derivatives under the "Trading Derivative Instruments" section on page 71. Value-at-risk was calculated at December 31, 2003 for credit derivatives considered to be part of the trading portfolio. Value-at-risk calculations do not include the principal investments portfolio, which is carried at fair value with realized and unrealized gains and losses primarily recorded in income. However, foreign exchange exposures that arise from the principal investments portfolio are included in the value-at-risk calculations.

The Corporation applies a statistical model to its portfolios of cash and derivative positions, including options, to calculate value-at-risk. The variancecovariance model estimates the volatility of returns on individual assets, as well as the correlation of changes of asset price pairs. These volatility and correlation estimates are made on the basis of one-year, equally-weighted historical observations of market variables. The model then computes the volatility of changes in the market values of the portfolios (i.e., the value-at-risk results) by applying each portfolio's statistical sensitivities to the correlations.

The Corporation's value-at-risk calculation measures potential losses in fair value using a $99 \%$ confidence level and a one-day time horizon. This equates to 2.33 standard deviations from the mean under a normal distribution. This means that, on average, daily profits and losses are expected to exceed value-at-risk one out of every 100 overnight trading days.

The value-at-risk in the Corporation's trading portfolio was as follows (excluding credit derivatives and other instruments used to hedge specific credits in the loan portfolio with a net notional amount of $\$ 3.2$ billion and $\$ 7.3$ billion at December 31, 2003 and 2002, respectively):

|  | 2003 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) | December 31 | Average | High | Low |
| High Volume Capital Markets Trading Portfolios and Mortgage Pipeline ${ }^{(1)}$Risk type: |  |  |  |  |
| Risk type: |  |  |  |  |
| Interest rate |  | \$ 8 | \$ 15 |  |
| Commodity price | - | - | - | - |
| Currency exchange rate | 1 | - | 3 | - |
| Equity | 1 | - | 1 | - |
| Diversification benefit | - | - | N/A | N/A |
| Total (2) | 11 | 8 | 14 | 5 |
| Other Trading Portfolios |  |  |  |  |
| Risk type: |  |  |  |  |
| Interest rate | 7 | 6 | 7 | 6 |
| Currency exchange rate | 9 | 11 | 16 | 9 |
| Aggregate trading portfolio market risk | \$ 27 | \$25 | \$ 34 | \$ 20 |


|  | 2002 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) | December 31 | Average | High | Low |
| High Volume Capital Markets Trading Portfolios and Mortgage Pipeline ${ }^{(1)}$ |  |  |  |  |
| Risk type: |  |  |  |  |
| Interest rate | \$ 6 | \$ 5 | \$ 7 | \$ 3 |
| Commodity price | - | - | 2 | - |
| Currency exchange rate | - | - | 3 | - |
| Equity | 1 | 1 | 2 |  |
| Diversification benefit | - | - | N/A | N/A |
| Total | 7 | 6 | 8 | 3 |
| Other Trading Portfolios |  |  |  |  |
| Risk type: |  |  |  |  |
| Interest rate | 7 | 7 | 8 | 7 |
| Currency exchange rate | - | - | - | - |
| Aggregate trading portfolio market risk | \$ 14 | \$13 | \$ 16 | \$ 11 |

## N/A Not applicable

(1) Subject to backtesting
(2) The total value-at-risk on any given day may be lower than the value-at-risk for individual risk types due to diversification (i.e., hedging or offsetting positions).

Interest rate risk was the predominant type of market risk to which the Corporation was exposed during 2003. At December 31, 2003, approximately 60\% of primary market risk exposures were related to interest rate risk. Currency exchange rate risk accounted for approximately $40 \%$, of primary market risk exposures. Commodity and equity risk exposures were immaterial at year-end.

At December 31, 2003, aggregate portfolio market risk exposures were $95 \%$ higher than those at December 31, 2002. Fifty percent of the increase in exposure is due to the inclusion of foreign exchange risk for foreign bonds and forty percent of the increase is due to the inclusion of certain credit default swap positions within the trading portfolio in the 2003 value-at-risk calculation. Five percent of the increase in exposure is due to increased trading activity within existing trading portfolios.

Value-at-risk levels are regularly backtested to validate the model by comparing predictions with actual results. For the year ended December 31, 2003, backtesting results for the high volume capital markets portfolios and mortgage pipeline appear in the following graph:


These backtesting results reflect only the higher volume trading portfolios that are actively managed and marked-to-market on a daily basis (i.e., the capital markets trading portfolios and the mortgage pipeline in the consumer lending business). Based on a $99 \%$ confidence interval in predicting actual profit or loss, the Corporation would expect actual profit or loss to exceed value-at-risk one day for every one hundred overnight trading days. As shown in the graph above, there were no days during 2003 where the actual loss exceeded the calculated value-at-risk. The Corporation's value-at-risk measure provides a conservative measure of the level of market risk.

## Stress Testing

Stress tests are conducted regularly for all capital markets trading portfolios including credit derivatives for a standard set of forward-looking scenarios for large, low probability changes in the market variables. Scenarios may be derived from either severe historical crises or forward assessment of developing market trends. The scenarios are continuously reviewed to reflect changing market and economic conditions.

## Risk Monitoring

The Corporation establishes limits for value-at-risk, market variable exposures, position limits and dollar trading loss limits for all capital markets trading portfolios. Actual activity compared with these limits is monitored daily. In addition, trading limits have been established for trading portfolios within other areas of the Corporation, including treasury and principal investments. Actual activity compared with these trading limits is regularly monitored. As a rule, all businesses are expected to maintain exposure within approved limits. Should a risk exposure level exceed approved limit levels, business management provides a strategy for bringing risk levels down within approved levels.

## Risk Reporting

Value-at-risk, market variable exposures and dollar trading loss limit exceptions are reported daily for each capital markets trading portfolio. Market risk exposure trends, value-at-risk trends, profit and loss changes, aged asset inventories and portfolio concentrations are reported daily to business management and weekly to executive management. In addition, the results of comprehensive, weekly stress tests are presented in the weekly reports to executive management. Market risk exposure for treasury and principal investment trading portfolios are reported regularly through the Risk Committee governance structure. Market risk trends and limit exceptions are comprehensively and regularly discussed.

## Market Risk Management - Non-Trading Activities

Interest rate risk exposure in the Corporation's core non-trading business activities, (i.e., asset/liability management ("ALM") position), is a result of reprice, option, and basis risks associated with on-and off-balance sheet positions. Reprice risk represents timing mismatches in the Corporation's ability to alter contractual rates earned on financial assets or paid on liabilities in response to changes in market interest rates. Basis risk refers to the potential for change in the underlying relationship between market rates or indices, which subsequently result in a narrowing of the spread earned on a loan or investment relative to its cost of funds. Option risk arises from "embedded options" present in many financial instruments such as interest rate options, loan prepayment options and deposit early withdrawal options. These provide customers and investors opportunities to take advantage of directional changes in rates, which could have an adverse impact on the Corporation's margin performance. Embedded options are complex risk positions that are difficult to predict and offset, and are a significant component of the interest rate risk exposure for the Corporation.

## Risk Identification

Interest rate risk arises through ongoing banking activities, including traditional customer lending and deposit activities and wholesale funding and portfolio actions. The Corporation identifies interest rate risk by quantifying the impact of new programs, products and strategies on overall balance sheet sensitivity.

Responsibility for management of interest rate risk resides with treasury under the oversight of the Corporation's ALCO. Weekly reporting details the Corporation's exposure, tracks changes in risk and suggests risk mitigation strategies.

## Risk Measurement

The ALM position is measured using earnings simulation and valuation tools. The primary risk measure employed is earnings-at-risk, which measures the sensitivity of pretax earnings to various interest rate movements as compared to a base-case scenario established using current rates. Earnings-at-risk incorporates estimates of balance sheet growth, pricing and customer behavior under each scenario analyzed. The analysis is calculated over multiple time horizons.

In addition to earnings-at-risk analysis, management uses an economic value of equity sensitivity analysis to measure the risk in both short- and long-term positions. This involves calculating future cash flows over the life of all current assets, liabilities and off-balance sheet positions under different rate scenarios. The discounted present value of all cash flows represents the Corporation's economic value of equity. The sensitivity of this value to shifts in the yield curve allows management to measure longer-term repricing and option risk in the portfolio.

The measurement of interest rate risk is highly sensitive to numerous assumptions. The analysis is particularly dependent upon assumptions surrounding pricing on credit card assets and certain deposit products, and projected customer behavior under
changes in market rates. Projected changes in the yields accrued on certain investment securities (related either to changes in mortgage-backed security prepayment speeds or due to principal adjustments as a result of changes in the rate of inflation) are significant assumptions as well. While the risk analysis incorporates management's best estimate of interest rate and balance sheet dynamics under various market rate movements, the actual behavior and resulting earnings impact will likely differ from that projected. Sensitivities to key assumptions are tested and reviewed to provide a range of possible outcomes.

## Risk Monitoring

The Corporation has established risk measures, policy limits and internal control mechanisms (collectively referred to as the Interest Rate Risk Policy) for managing the overall ALM position, including both on- and off-balance sheet positions. Policy limits for earnings are based on immediate parallel shocks of $+/-100$ bp rate movements; additional limits for market value are based on the duration of equity.

Responsibility for the management of interest rate risk resides with treasury under the oversight of ALCO. Lines of business are jointly responsible, with treasury, for monitoring and understanding their interest rate risk position. ALCO is apprised weekly of the risks associated with the ALM position, with exposures tested under multiple rate and yield curve scenarios. The Corporation balances the return potential of the ALM position against the desire to limit volatility in earnings and/or economic value.

## Risk Reporting

Based on immediate parallel shocks, the Corporation's earnings-at-risk to rising interest rates has improved. The Corporation's 12-month pretax earnings sensitivity profile was as follows:

| Immediate Change in Rates (1) |  |  |  |
| :--- | :---: | ---: | :--- |
| (In millions) | +200 bp | +100 bp | -50 bp |
| December 31, 2003 | $\$ ~ 35$ | $\$ 124$ | $\$(\mathbf{1 6 1 )}$ |
| December 31, 2002 | $\$(165)$ | $\$ 100$ | $\$(89)$ |

(1) At December 31, 2003, given the current rate environment, a -100 bp interest rate change could result in negative or near zero interest rates, as a result the -100 bp change has not been included. At December 31, 2002, a -100 bp change
in rates resulted in a 12-month pretax earnings sensitivity of ( $\$ 177$ ) million.

The earnings-at-risk profile at December 31, 2003 includes transactions not yet completed but approved by ALCO. Excluding these transactions, the benefit to a +100 and +200 bp shock increases by $\$ 32$ and $\$ 84$ million, respectively. The risk to a -50 bp shock increases by $\$ 10$ million. The change in earnings-at-risk over the year largely reflects management's decision to maintain a defensive balance sheet biased towards an increase in interest rates and positioned to take advantage of improved investment opportunities when rates rise.

Numerous alternative scenarios are reviewed internally, including more gradual and more severe rate movements and non-parallel rate shifts. These scenarios are intended to provide a more comprehensive view of the Corporation's interest rate risk exposure by further detailing reprice, option, yield curve and basis risk. The interest rate scenarios are used for analytical purposes and do not necessarily represent management's view of future market movements. Rather, they are intended to provide a measure of the degree of volatility interest rate movements may introduce into the earnings and economic value of the Corporation.

Rates as represented by implied forward rates (or the market's expectations for rates as embedded in the current yield curve)
provide an important benchmark in the evaluation of balance sheet management strategies and the overall risk posture. The market's view of rates is embedded in the price of all financial instruments. Strategies to modify risk are therefore evaluated based on a comparison of management's and the market's expectations about the degree and timing of the expected rate movement. Implied rates suggest a 100 bp increase in short-term interest rates by the end of 2004 . This rate scenario would result in a modest improvement in the earnings of the Corporation.

The Corporation generally benefits if rates increase earlier or more than expected under the implied forwards or if the general level of rate increase is sudden and severe, given actions taken over the year to minimize increases in funding costs relative to assets repricings. The Corporation would be negatively impacted by sudden rate increases accompanied by a flattening yield curve that would diminish the benefit of term asset repricing. Conversely, steeper yield curves typically benefit earnings, particularly when the increase in long-term rates is not accompanied by increasing short-term rates. Falling long-term rates negatively impact earnings and can also expose the Corporation to additional option risk. The Corporation's basis risk is largely the result of corporate and consumer demand for prime-based loan products due to the use of other than prime-based funding. Increases in the prime rate relative to bank funding costs will result in increased earnings.

## OPERATIONAL RISK MANAGEMENT

The Corporation is exposed to numerous types of operational risk. Operational risk is defined as the risk of loss resulting from the inadequate or failed internal processes, people and systems or from external events. Operational risk generally refers to the risk of loss resulting from the Corporation's operations, including, but not limited to, the risk of fraud by employees or persons outside the Corporation, the execution of unauthorized transactions by employees, errors relating to transaction processing and systems, and breaches of the internal control system and compliance requirements. This risk of loss also includes the potential legal actions that could arise as a result of the operational deficiency or as a result of noncompliance with applicable regulatory standards.

The Corporation operates in many different businesses in diverse markets and places reliance on the ability of its employees and systems to process a high number of transactions. In the event of a breakdown in the internal control systems, improper operation of systems or improper employee actions, the Corporation could suffer financial loss, face regulatory action and suffer damage to its reputation. The Corporation's framework for managing operational risk establishes a foundation on which to comprehensively and effectively identify, measure, mitigate, monitor and report operational risks. During 2003, management of operational risk began implementing a common framework with consistent standards and practices across all lines of business and functional areas. Accordingly, the risk identification, measurement, monitoring and reporting processes are evolving to support this consistent framework for the management of operational risks.

## Risk Identification

Risk identification is the recognition of the operational risk events that management believes may give rise to either direct or indirect operational loss.

Beginning in 2003, risks are being identified in such a way that they can be aggregated to facilitate both line of business and an aggregate review of operational risks. Loss events are being aggregated into categories in a manner consistent with the defin-
ition of operational risk. Risks in key business processes are being identified through a business-owned risk-control self-assessment and key risk indicator process. A risk control self-assessment is a disciplined process for identifying and prioritizing the operational risks that may prevent the fulfillment of business objectives. The process allows the business units to self-identify their risks and rate the effectiveness of their control environment and, as required, determine action plans for improving the quality of internal controls. Key risk indicators, or metrics, are being aligned with the major risks identified to allow monitoring of risk levels in the Corporation's key business processes.

## Risk Measurement

Operational risk measurement is both quantitative, based on numerical or mathematical approaches to representing and quantifying the level of risk, and qualitative, based on more subjective assessments of risk. Quantitative risk measures include analysis of actual internal operational losses. Such losses have included the effects of operational errors that the Corporation has discovered and taken as charges in the income statement. Qualitative risk measures include risk control self-assessment ratings and key performance indicators designed to monitor risk levels in business processes.

## Risk Monitoring

While there can be no assurance the Corporation will not suffer operational losses in the future, management continually monitors and improves its internal controls, systems and corporate-wide processes and procedures. Furthermore, management believes the streamlining of the organization through systems integration and policies enacted to push down reporting accountabilities further in the organization, have improved the Corporation's ability to identify and limit operational risk.

Beginning in 2003, operational risk levels are being monitored through a combination of loss event data, risk control self-assessment results and key risk indicators for higher risk areas. Data for loss events exceeding a minimum threshold are being enriched to establish the loss event's root cause, loss type and loss effect. In addition, large losses and totals for smaller losses are being monitored. Commencing in the first quarter of 2004, results of the risk control self-assessment are being reviewed quarterly for trends in risk severity, especially perceived deterioration on control environment effectiveness. Key risk indicators are being monitored against thresholds based on expected levels of the metrics, with exceptions escalated appropriately. Operational risk levels are being monitored consistently across the Corporation's lines of business and support areas through a combination of loss event data, risk control self-assessment results and key risk indicators. The elements of the Corporation's operational risk management framework, including loss data and risk-control self-assessment, will be independently validated on a go-forward basis by the internal audit department.

## Risk Reporting

Operational risk management reports provide timely and accurate information to line of business and senior management about actual operational loss levels and risk-control self-assessment results. Beginning in 2003, these reports have been designed to manage operational risk at appropriate levels within each line of business, while providing issue escalation and consistent data aggregated across the Corporation's business and support areas.

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## CREDIT PORTFOLIO COMPOSITION

## Selected Statistical Information

The significant components of credit risk and the related ratios were as follows:

| At and for the year ended December 31, | 2003 | 2002 | 2001 | 2000 | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |  |
| Loans (1) | \$138,147 | \$148,125 | \$156,733 | \$174,251 | \$163,877 |
| Average loans | 143,722 | 150,805 | 167,054 | 171,768 | 156,855 |
| Nonperforming loans (2) | 2,200 | 3,276 | 3,551 | 2,475 | 1,559 |
| Other, including other real estate owned | 195 | 251 | 137 | 98 | 106 |
| Nonperforming assets | 2,395 | 3,527 | 3,688 | 2,573 | 1,665 |
| Allowance for loan losses (1) | 3,472 | 3,923 | 3,975 | 3,636 | 1,943 |
| Allowance for credit losses (1) | 3,962 | 4,525 | 4,528 | 4,110 | 2,285 |
| Net charge-offs | 2,608 | 2,465 | 2,288 | 1,391 | 1,206 |
| Nonperforming assets to related assets (3) | 1.73\% | 2.38\% | 2.35\% | 1.48\% | 1.02\% |
| Allowance for loan losses to period end loans (1) | 2.75 | 2.78 | 2.61 | 2.14 | 1.21 |
| Allowance for loan losses to nonperforming loans (2) | 178 | 121 | 112 | 147 | 125 |
| Allowance for credit losses to period end loans (1) | 3.14 | 3.20 | 2.97 | 2.42 | 1.42 |
| Allowance for credit losses to nonperforming loans (2) | 203 | 139 | 128 | 166 | 147 |
| Net charge-offs to average loans (4) | 1.82 | 1.63 | 1.37 | 0.81 | 0.77 |
| Allowance for loan losses to net charge-offs | 133 | 159 | 174 | 261 | 161 |

(1) Includes loans held for sale of $\$ 12.0$ billion, $\$ 6.9$ billion, $\$ 4.2$ billion, $\$ 4.2$ billion and $\$ 3.3$ billion at December 31, 2003, 2002, 2001, 2000 and 1999 . These amounts are not included in allowance coverage statistics.
 1999. These amounts are not included in allowance coverage statistics.
3) Related assets consist of loans outstanding, including loans held for sale and other real estate owned
(4) Includes net charge-offs related to held for sale credit card loans of $\$ 3$ million for the year ended December 31, 2003, which are recorded in noninterest income.

## Loan Composition

In 2001, the Corporation changed its loan composition methodology to a line of business approach, dividing the loan portfolio into Retail, Commercial Banking, Card Services, IMG and Corporate. The Corporation has presented 2000 information under both the "old" and "new" compositions, but has not presented 1999 under the "new" composition as it would be impractical to reclassify that period using the new methodologies.

The Corporation's loan portfolios were as follows:

| At December 31, | 2003 |  | 2002 |  | 2001 |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Amount | Percent | Amount | Percent | Amount | Percent | Amount | Percent |
| Retail:(1) |  |  |  |  |  |  |  |  |
| Small business commercial | \$ 10,216 | 8\% | \$ 9,921 | 7\% | \$ 9,749 | 7\% | \$ 8,901 | 5\% |
| Home equity | 26,432 | 19 | 20,853 | 14 | 15,826 | 10 | 13,164 | 8 |
| Vehicle | 13,571 | 10 | 14,661 | 10 | 14,278 | 9 | 14,300 | 8 |
| Other personal | 6,016 | 4 | 6,869 | 4 | 8,069 | 5 | 10,674 | 6 |
| Total Retail | 56,235 | 41 | 52,304 | 35 | 47,922 | 31 | 47,039 | 27 |
| Commercial Banking: |  |  |  |  |  |  |  |  |
| Corporate banking: |  |  |  |  |  |  |  |  |
| Commercial and industrial | 13,213 | 10 | 17,866 | 12 | 22,268 | 14 | N/A |  |
| Commercial real estate | 8,818 | 6 | 8,321 | 6 | 8,975 | 6 | N/A |  |
| Lease financing | 4,151 | 3 | 4,358 | 3 | 4,669 | 3 | N/A |  |
| Other | 941 | 1 | 1,014 | - | 731 | - | N/A |  |
| Total corporate banking | 27,123 | 20 | 31,559 | 21 | 36,643 | 23 | 51,700 | 30 |
| Middle market: |  |  |  |  |  |  |  |  |
| Commercial and industrial | 23,675 | 17 | 26,983 | 18 | 31,116 | 20 | N/A |  |
| Commercial real estate | 1,993 | 1 | 2,318 | 2 | 3,472 | 2 | N/A |  |
| Lease financing | 820 | 1 | 1,008 | 1 | 1,053 | 1 | N/A |  |
| Other | 141 | - | 27 | - | 294 | - | N/A |  |
| Total middle market | 26,629 | 19 | 30,336 | 21 | 35,935 | 23 | 36,159 | 21 |
| Total Commercial Banking | 53,752 | 39 | 61,895 | 42 | 72,578 | 46 | 87,859 | 51 |
| Card Services | 12,035 | 9 | 11,581 | 8 | 6,786 | 4 | 4,744 | 3 |
| Investment Management Group(1) | 7,380 | 5 | 6,942 | 5 | 7,116 | 5 | 7,014 | 4 |
| Corporate (1) | 8,745 | 6 | 15,403 | 10 | 22,331 | 14 | 27,595 | 15 |
| Total | \$138,147 | 100\% | \$148,125 | 100\% | \$156,733 | 100\% | \$174,251 | 100\% |
| (1) Prior period amounts have been $r$ business to the Corporate line of | nsfer of the | portfolios and the | nunity develop | ness from the | e of business | ate trust from | estment Mana | up line of |

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Loans held for sale, which are classified as loans, are carried at the lower of cost or fair value and totaled $\$ 12.0$ billion, $\$ 6.9$ billion and $\$ 4.2$ billion at December 31, 2003, 2002 and 2001, respec-
tively. At December 31, 2003, loans held for sale included credit card loans of $\$ 5.6$ billion and other consumer loans of $\$ 5.9$ billion.

Prior to 2001, the Corporation's loan portfolio was divided into commercial, consumer and credit card loan categories as follows:

| At December 31, | 2000 |  | 1999 |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Amount | Percent | Amount | Percent |
| Commercial: |  |  |  |  |
| Domestic: |  |  |  |  |
| Commercial | \$ 65,270 | 38\% | \$ 59,070 | 36\% |
| Real estate: |  |  |  |  |
| Construction | 5,757 | 3 | 5,836 | 4 |
| Other | 16,778 | 10 | 18,817 | 11 |
| Lease financing | 5,818 | 3 | 5,562 | 3 |
| Foreign | 6,837 | 4 | 7,067 | 4 |
| Total commercial | 100,460 | 58 | 96,352 | 58 |
| Consumer: |  |  |  |  |
| Residential real estate | 40,596 | 23 | 32,313 | 20 |
| Automotive-loans/leases | 20,741 | 12 | 23,567 | 14 |
| Other | 7,710 | 4 | 7,608 | 5 |
| Total consumer | 69,047 | 39 | 63,488 | 39 |
| Card Services | 4,744 | 3 | 4,037 | 3 |
| Total | \$174,251 | 100\% | \$163,877 | 100\% |

## Managed Credit Card Receivables (Non-GAAP)

For analytical purposes, the Corporation reports credit card receivables on both a reported basis and a managed basis. Reported credit card receivables include those receivables held in the portfolio or for sale and reported on the balance sheet. Managed credit card receivables include reported credit card receivables, receivables sold to investors through securitization and retained interests (see page 73 for discussion of "Loan Securitizations").

The following table shows the average credit card receivables and the related charge-off and delinquency rates on a managed (non-GAAP) basis for the years ended:

| At December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |
| Average balances: |  |  |  |
| Credit card loans | \$14,112 | \$ 9,899 | \$ 6,884 |
| Credit card receivables transferred to trusts | 59,720 | 57,969 | 58,563 |
| Total average managed credit card receivables | 73,832 | 67,868 | 65,447 |
| Total managed net charge-offs (including securitizations) | \$ 3,919 | \$ 3,632 | \$ 3,823 |
| Net charge-offs/average total receivables | 5.31\% | 5.35\% | 5.84\% |
| Card Services delinquency rate at periodend |  |  |  |
| 30+ days | 3.90 | 4.02 | 4.46 |
| 90+ days | 1.85 | 1.80 | 1.93 |

The decrease in the managed net charge-off rate to $5.31 \%$ in 2003 from 5.35\% in 2002 reflected management's continued emphasis on prudent credit risk management including disciplined underwriting and account management practices targeted to the prime and super prime credit sectors. Credit risk management tools used to manage the level and volatility of losses for credit card accounts have been continually updated, and, where appropriate, these tools were adjusted to reduce credit risk. The managed credit card portfolio continues to reflect a well-seasoned portfolio that has good national geographic diversification.

Future charge-offs in the credit card portfolio and overall credit quality are subject to uncertainties, which may cause actual results to differ from current and historic performance. This could include the direction and level of loan delinquencies, changes in consumer behavior, bankruptcy trends, portfolio seasoning, interest rate movements and portfolio mix, among other things. While current economic and credit data suggests that consumer credit quality will not significantly deteriorate, significant deterioration in the general economy could materially change these expectations.

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## Retail

The Retail loan portfolio primarily consists of loans secured by real estate as well as vehicle loans, and provides broad diversification of risk from both a product and geographic perspective. Average loan balances for 2003 were $\$ 54$ billion. The Corporation continues to effectively enhance the composition of loans in the portfolio by emphasizing loans to prime credit quality prospects. New loans originated in 2003 on average reflect higher credit quality consistent with management's focus on the prime credit market segment. The net charge-off rate for Retail loans in 2003 was $0.94 \%$, a decrease of 7 bps from $1.01 \%$ in 2002.

Future Retail portfolio charge-offs and credit quality are subject to uncertainties which may cause actual results to differ from current anticipated performance, including the direction and level of loan delinquencies, changes in consumer behavior, bankruptcy trends, portfolio seasoning, interest rate movements and portfolio mix, among other things.

The Corporation proactively manages its Retail credit operation even in difficult economic conditions. Ongoing efforts include continual review and enhancement of credit underwriting criteria and refinement of pricing and risk management models.

## Corporate Non-Core Portfolios

Included in the Corporate line of business were non-core portfolio loans of $\$ 8.6$ billion at December 31, 2003, compared to $\$ 15.3$ billion at December 31, 2002. The decrease from the prior period reflects the continued runoff of the portfolio as well as the $\$ 652$ million charge-off taken when $\$ 4.1$ billion of home equity loans were transferred to held for sale.

## Commercial Banking

Commercial Banking loans decreased by $\$ 8.1$ billion, or $13 \%$, between December 31, 2002, and December 31, 2003, due to both tightened credit standards and relatively weak demand for financing. Nonperforming Commercial Banking loans decreased by $\$ 838$ million, or $45 \%$, to $\$ 1.0$ billion at December 31, 2003, as compared to $\$ 1.9$ billion at December 31, 2002, due to significant credit quality improvement in both corporate banking and middle market. Commercial Banking's net charge-offs in 2003 were $\$ 398$ million, or $0.70 \%$ of average loans, compared with \$994 million of net charge-offs, or $1.51 \%$ of average loans, in 2002.

Management believes that actions taken during the past three years have led to an overall improvement in both the corporate banking and middle market credit portfolios. These actions, including deliberate reductions in the loan portfolio, are essentially complete. The Corporation remains increasingly comfortable with its ability to better control, manage and underwrite risk in a con-
sistent and disciplined manner. In spite of this improvement, future charge-offs and credit quality in the Commercial Banking portfolio are subject to uncertainties that may cause actual results to differ from historical experience or forecasted results, including the state of the economy and its impact on individual industries, commercial real estate values, interest rate movements and portfolio mix, among other things.

## Commercial and Industrial Loans

Commercial and industrial loans represent commercial loans other than commercial real estate. At December 31, 2003, commercial and industrial loans totaled $\$ 36.9$ billion, which represented $69 \%$ of the Commercial Banking portfolio.

The more significant industry concentrations of the Commercial Banking commercial and industrial portfolio were as follows:

At December 31, 2003

| (Dollars in millions) | Outstanding | Percent(1) |
| :--- | ---: | :---: |
| Motor vehicles and parts/auto related | $\$ 3,798$ | $\mathbf{1 0 . 3 \%}$ |
| Wholesale trade | 3,048 | 8.3 |
| Oil and gas | 2,518 | 6.8 |
| Government and not-for-profit | 2,170 | 5.9 |
| Business finance and leasing | 2,058 | 5.6 |
| Other (2) | 23,296 | 63.1 |
| Total | $\$ 36,888$ | $100 \%$ |

(1) Total outstanding by industry concentration as a percentage of total commercial and industrial loans.
(2) Includes 35 industry concentrations.

## Commercial Real Estate

Commercial real estate loans represent credit extended for real estate-related purposes to borrowers or counterparties who are primarily in the real estate development or investment business and for which the primary source of repayment of the loan is from the sale, lease, rental, management, operations or refinancing of the property. At December 31, 2003, commercial real estate loans totaled $\$ 10.8$ billion, which represented $20 \%$ of the Commercial Banking portfolio.

Commercial real estate lending is conducted in several lines of business with the majority of these loans originated by corporate banking primarily through its specialized National Commercial Real Estate Group. This group’s focus is lending to targeted regional and national real estate developers and home-builders. As of December 31, 2003, National Commercial Real Estate Group’s loan outstandings totaled $\$ 8.8$ billion or $82 \%$ of the commercial real estate portfolio.

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The commercial real estate loan portfolio by both collateral location and property type was as follows:

| At December 31, 2003 | Outstanding |  |
| :---: | :---: | :---: |
| (Dollars in millions) <br> By Collateral Location: | Amount | Percent of Portfolio |
| California | \$ 1,170 | 11\% |
| Illinois | 903 | 8 |
| Michigan | 895 | 8 |
| Texas | 888 | 8 |
| Ohio | 745 | 7 |
| Arizona | 625 | 6 |
| Kentucky | 331 | 3 |
| Louisiana | 324 | 3 |
| Indiana | 295 | 3 |
| Colorado | 276 | 3 |
| Other areas | 1,408 | 13 |
| Unsecured | 1,843 | 17 |
| Secured by other than commercial real estate | 1,108 | 10 |
| Total | \$10,811 | 100\% |
| By Property Type: | Amount | $\begin{gathered} \hline \text { Percent of } \\ \text { Portfolio } \end{gathered}$ |
| Office | \$ 1,879 | 17\% |
| Retail | 1,755 | 16 |
| Apartment | 1,627 | 15 |
| Single family residential development | 1,428 | 13 |
| Industrial/warehouse | 1,258 | 12 |
| Residential lots | 570 | 5 |
| Hotels | 404 | 4 |
| Other commercial income producing | 1,727 | 16 |
| Other residential developments | 163 | 2 |
| Total | \$10,811 | 100\% |

## ASSET QUALITY

## Nonperforming Assets

The Corporation places loans on nonaccrual status as follows:

- Retail consumer loans are placed on nonaccrual status when the collection of contractual principal or interest becomes 90 days past due. Accrued but uncollected interest and fee income are reversed and charged against interest income when the consumer loan is placed on nonaccrual status. Subsequent cash collections are recognized as interest income unless the consumer loan is subsequently charged-off, in which case cash collections are recognized as recoveries.
- Commercial Banking and Retail small business commercial loans are placed on nonaccrual status when the collection of contractual principal or interest is deemed doubtful, or it becomes 90 days or more past due and is not both wellsecured and in the process of collection. Accrued but uncollected interest and fee income are reversed and charged against interest income when placed on nonaccrual status. Cash interest payments received are recognized either as interest income or as a reduction of principal when collection of principal is doubtful. The loan is returned to accrual status only when all of the principal and interest amounts contractually due are reasonably assured within a reasonable time frame and when the borrower has demonstrated payment performance.
- Credit card receivables are not placed on nonaccrual status. However, a reserve is established for the amount of accrued finance charges and fees which are deemed uncollectible.

The Corporation's nonperforming assets were as follows:


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The Corporation has established processes for identifying potential problem areas of the portfolio, and will continue to monitor and manage potential risks. Concern remains for the impact of elevated consumer bankruptcies on the loan portfolio. Additionally, the likelihood of higher rates and the potential effect on borrower debt service burdens could also impact consumer loan performance

Credit quality improved in 2003 as nonperforming assets declined $\$ 1.1$ billion from the prior year, driven primarily by an $\$ 838$ million decline in Commercial Banking nonperforming loans. This decline was comprised of a $\$ 552$ million decline in corporate banking and a $\$ 286$ million decline in middle market. The decline in Commercial Banking was a result of both an improving economic environment and risk management actions, including loan sales and management of individual credits, which has led to pay-offs, pay-downs and restructurings.

Nonperforming loans within Retail at December 31, 2003, were $\$ 540$ million, an increase of $\$ 5$ million. This increase was primarily driven by increases in small business commercial loans partially offset by decreases in residential real estate and vehicle loans. Overall residential real estate nonperforming loans continue to improve as foreclosure inventories continue to decline. Home equity loans are written down to net realizable value once a loan reaches 120 days delinquency. However, due to the time necessary to complete foreclosure and acquire title, real estate loans remain in nonperforming status for an extended period. Corporate line of business nonperforming loans at December 31, 2003 totaled $\$ 582$ million. This included $\$ 580$ million of non-performing loans from the non-core portfolios.

## Charge-Offs

The Corporation records charge-offs as follows:

- Commercial loans are charged-off in the reporting period in which either an event occurs that confirms the existence of a loss or it is determined that a loan or a portion of a loan is uncollectible.
- A credit card loan is charged-off in the month it becomes contractually 180 days past due and remains unpaid at the end of that month, or 60 days after notification of bankruptcy or death. Interest on credit card loans is accrued until the loan is charged-off. The Corporation maintains a reserve for the portion of interest and fees that it deems uncollectible. At the time of charge-off, accrued but uncollected interest and fees are charged against this reserve. Subsequent cash collections are recorded as recoveries. Beginning in 2003, recoveries of previously charged-off interest and fees are recorded as interest income.
- Consumer loans, excluding credit card, are generally charged-off following a delinquency period of 120 days, or within 60 days for unsecured Retail loans after receipt of notification in cases of bankruptcy. Closed-end consumer loans, such as auto loans and leases and home mortgage loans, are typically written down to the extent of loss after considering the net realizable value of the collateral.

The timing and amount of the charge-off on consumer loans will depend on the type of loan, giving consideration to available collateral, as well as the circumstances giving rise to the delinquency. The Corporation adheres to uniform guidelines published by the Federal Financial Institutions Examination Council in charging off consumer loans.

The Corporation's net charge-offs were as follows:

| For the Year Ended December 31, | 2003 |  |  | 2002 |  |  | 2001 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Net chargeoffs | Average balance | Net chargeoff rate | $\begin{array}{r} \text { Net } \\ \text { charge- } \\ \text { offs } \end{array}$ | Average balance | Net chargeoff rate | $\begin{array}{r} \text { Net } \\ \text { charge- } \\ \text { offs } \\ \hline \end{array}$ | Average balance | Net chargeoff rate |
| Retail (1) | \$ 507 | \$ 53,969 | 0.94\% | \$ 494 | \$ 49,131 | 1.01\% | \$ 399 | \$ 47,671 | 0.84\% |
| Commercial Banking: |  |  |  |  |  |  |  |  |  |
| Corporate banking | 228 | 28,536 | 0.80 | 639 | 32,973 | 1.94 | 638 | 43,495 | 1.47 |
| Middle market banking | 170 | 28,119 | 0.60 | 355 | 32,996 | 1.08 | 404 | 36,810 | 1.09 |
| Total Commercial Banking | 398 | 56,655 | 0.70 | 994 | 65,969 | 1.51 | 1,042 | 80,305 | 1.30 |
| Card Services | 707 | 14,112 | 5.03(2) | 514 | 9,899 | 5.19 | 392 | 6,884 | 5.69 |
| Investment Management Group (1) | 12 | 6,809 | 0.18(2) | 20 | 6,969 | 0.29 | 34 | 6,952 | 0.49 |
| Corporate (1) | 984 | 12,177 | 8.08 | 443 | 18,838 | 2.35 | 421 | 25,242 | 1.67 |
| Total | \$2,608 | \$143,722 | 1.82\% | \$2,465 | \$150,806 | 1.63\% | \$2,288 | \$167,054 | 1.37\% |
|  business to the Corporate line of business. |  |  |  |  |  |  |  |  |  |
| (2) Includes net charge-offs related to | or sale loa | illion for the | d December 3 | which are | noninterest |  |  |  |  |

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Net charge-offs increased 6\% during 2003 to $\$ 2.6$ billion from the prior year reflecting increases in consumer and credit card charge-offs. The net charge-off rate increased to $1.82 \%$ in 2003 versus $1.63 \%$ in 2002, primarily due to the $\$ 652$ million charge-off on the non-core portfolios transferred to held for sale.

Retail net charge-offs for 2003 totaled $\$ 507$ million, up from $\$ 494$ million in 2002. Factors that contributed to these increased losses included increased consumer bankruptcies, losses related to write-downs on nonrelationship portfolios and general growth in the portfolio. The net charge-off rate for Retail loans in 2003, however, was $0.94 \%$, a decrease from the 2002 rate of $1.01 \%$.

Commercial net charge-offs totaled $\$ 398$ million compared with $\$ 994$ million in 2002. This reduction reflected improving credit quality in both of the Commercial portfolios. Corporate banking net charge-offs were $\$ 228$ million and $\$ 639$ million in 2003 and 2002, respectively. Middle market net charge-offs were $\$ 170$ million and $\$ 355$ million in 2003 and 2002, respectively. The decrease in net charge-offs was the result of both an improving economic environment and the continuing impact of risk management actions.

Card Services net charge-offs for 2003 totaled $\$ 707$ million, up $\$ 193$ million primarily as a result of growth in the portfolio.

Corporate net charge-offs for 2003 totaled $\$ 984$ million up from $\$ 443$ million. The increase was primarily related to $\$ 652$ million of write-downs taken on the home equity loans transferred to held for sale in the non-core portfolio.

## Loan Sales

A summary of the Corporation's Commercial Banking loan sales, excluding syndications and syndication-related activity and trade finance transactions follows:

| For the Year Ended December 31, | 2003 | 2002 |
| :---: | :---: | :---: |
| (In millions) |  |  |
| Loans sold and loans transferred to loans held for sale: (1) |  |  |
| Nonperforming loans | \$ 271 | \$ 469 |
| Other loans with credit related losses | 663 | 415 |
| Other loans | 223 | 713 |
| Total | \$1,157 | \$1,597 |
| Impact of sales, transfers to loans held for sale and valuation adjustments on held for sale: |  |  |
| Charge-offs on loans sold and transferred to held for sale: |  |  |
| Nonperforming loans | \$ 36 | \$ 92 |
| Other loans with credit related losses | 48 | 42 |
| Total charge-offs to allowance | 84 | 134 |
| (Gains) losses on loans sold and held for sale | (81) | 35 |
| Total | \$ 3 | \$ 169 |
| (1) December 31, 2003 data includes loans reclassified to loans held for sale that are not yet sold of approximately $\$ 3$ million and $\$ 541$ million in non-performing loans and other loans, respectively. |  |  |

The Corporation sells Commercial Banking loans in the normal course of its business activities as one alternative to manage credit risk. These loans are subject to the Corporation's overall risk management practices. When a loan is sold or transferred to held for sale, the gain or loss is evaluated to determine whether it resulted from credit deterioration or other conditions. Based on this evaluation, losses resulting from credit deterioration are recorded as charge-offs. Losses or gains deemed to be from other than credit deterioration are recorded as losses or gains on sale in noninterest income. Subsequent writedowns in fair value on loans held for sale are reflected in other noninterest income.

During 2003, home equity loans totaling $\$ 4.1$ billion were transferred to held for sale and written down to reflect estimated market value. See "Non-Core Portfolios" on page 52.

Loans classified as held for sale are carried at the lower of cost or market value. Accordingly, these loans are no longer included in the evaluation of the adequacy of the allowance for credit losses.

## ALLOWANCE FOR LOAN AND CREDIT LOSSES

The allowance for credit losses is maintained at a level that in management's judgment is adequate to provide for estimated probable credit losses inherent in various on- and off-balance sheet financial instruments. This process includes deriving expected loss estimates that are based on historical loss ratios, portfolio stress testing and management's judgment. The allowance for credit losses is based on ranges of estimates and is intended to be adequate but not excessive. Each quarter, an allowance for credit losses level is estimated by each line of business and reviewed by corporate risk management and senior management. The allowance for credit losses also includes provisions for losses on loans considered impaired and measured pursuant to SFAS No. 114, "Accounting by Creditors for Impairment of a Loan," (see Note 10 "Loans" on beginning page 91). Securitized loans and loans held for sale, including credit card receivables, are not subject to this process.

Corporate risk management recommends an allowance and provision for credit losses that result in adequate coverage of inherent losses within the Corporation's credit portfolios. Corporate risk management's assessment is based on line of business tests, portfolio-level modeling and stress testing, as well as management's judgment. Corporate risk management also utilizes third-party benchmarks to validate internal measures of probability of default, loss given default, credit quality and allowance adequacy.

During 2003, the reserves related to unfunded commitments and standby letters of credit were reclassified from the allowance for loan losses to other liabilities. All prior periods have been reclassified.

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The changes in the Corporation's allowance for loan losses were as follows:

| For the Year Ended December 31, | 2003 | 2002 | 2001 | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |
| Balance, beginning of year | \$3,923 | \$3,975 | \$3,636 | \$1,943 |
| Charge-offs: |  |  |  |  |
| Retail:(1) |  |  |  |  |
| Small business commercial | 81 | 93 | 92 | 66 |
| Home equity | 142 | 105 | 68 | 38 |
| Vehicle | 271 | 288 | 227 | 224 |
| Other personal | 137 | 130 | 144 | 127 |
| Total Retail | 631 | 616 | 531 | 455 |
| Commercial Banking: |  |  |  |  |
| Corporate banking: |  |  |  |  |
| Commercial and industrial | 243 | 541 | 689 | N/A |
| Commercial real estate | 16 | 35 | 15 | N/A |
| Lease financing | 57 | 135 | 16 | N/A |
| Total corporate banking | 316 | 711 | 720 | 469 |
| Middle market: |  |  |  |  |
| Commercial and industrial | 257 | 377 | 418 | N/A |
| Commercial real estate | 13 | 21 | 8 | N/A |
| Lease financing | 9 | 30 | 36 | N/A |
| Total middle market | 279 | 428 | 462 | 157 |
| Total Commercial Banking | 595 | 1,139 | 1,182 | 626 |
| Card Services | 785 | 565 | 415 | 261 |
| Investment Management Group (1) | 26 | 29 | 42 | N/A |
| Corporate (1) | 1,026(3) | 480 | 460 | N/A |
| Total charge-offs | 3,063 | 2,829 | 2,630 | 1,667 |
| Recoveries: |  |  |  |  |
| Retail:(1) |  |  |  |  |
| Small business commercial | 23 | 20 | 22 | 22 |
| Home equity | 18 | 16 | 14 | 10 |
| Vehicle | 55 | 60 | 67 | 67 |
| Other personal | 28 | 26 | 29 | 35 |
| Total Retail | 124 | 122 | 132 | 134 |
| Commercial Banking: |  |  |  |  |
| Corporate banking: |  |  |  |  |
| Commercial and industrial | 80 | 66 | 74 | N/A |
| Commercial real estate | 6 | 6 | 8 | N/A |
| Lease financing | 2 | - | - | N/A |
| Total corporate banking | 88 | 72 | 82 | 36 |
| Middle market: |  |  |  |  |
| Commercial and industrial | 103 | 65 | 49 | N/A |
| Commercial real estate | 2 | 4 | 1 | N/A |
| Lease financing | 4 | 4 | 8 | N/A |
| Total middle market | 109 | 73 | 58 | 28 |
| Total Commercial Banking | 197 | 145 | 140 | 64 |
| Card Services | 78 | 51 | 23 | 14 |
| Investment Management Group (1) | 14 | 9 | 8 | N/A |
| Corporate (1) | 42 | 37 | 39 | N/A |
| Total recoveries | 455 | 364 | 342 | 276 |
| Net charge-offs: |  |  |  |  |
| Retail (1) | 507 | 494 | 399 | 321 |
| Commercial Banking | 398 | 994 | 1,042 | 562 |
| Card Services | 707 | 514 | 392 | 247 |
| Investment Management Group (1) | 12 | 20 | 34 | N/A |
| Corporate (1) | 984 | 443 | 421 | N/A |
| Total net charge-offs | 2,608 | 2,465 | 2,288 | 1,391 |
| Provision for loan losses | 2,157 | 2,438 | 2,431 | 3,266 |
| Transfers (2) | - | (25) | 196 | (182) |
| $\begin{array}{ll}\text { Balance, end of year } & \text { Not available } \\ \text { N/A 3,472 }\end{array}$ |  | \$3,923 | \$3,975 | \$3,636 |
|  |  |  |  |  |
| Prior period amounts have been reclassified for the transfer of the non-core portfolios and the community development business from the Retail line of business and corporate trust from the Investment Management Group line business to the Corporate line of business. |  |  |  |  |
| (2) Transfers to the allowance for loan I associated with consumer loan sale | Transfers from | oan losses | represents | owances |

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For analytical purposes, using the previous methodology for portfolio segmentation, summarized below are the changes in the allowance for loan losses:

| For the Year Ended December 31, | 2000 | 1999 |
| :---: | :---: | :---: |
| (In millions) |  |  |
| Balance, beginning of year | \$1,943 | \$1,929 |
| Charge-offs: |  |  |
| Commercial: |  |  |
| Domestic: |  |  |
| Commercial | 618 | 325 |
| Real estate: |  |  |
| Construction | 8 | 5 |
| Other | 11 | 27 |
| Lease financing | 7 | 12 |
| Foreign | 64 | 41 |
| Total commercial | 708 | 410 |
| Consumer: |  |  |
| Residential real estate | 230 | 189 |
| Automotive: |  |  |
| Loans | 215 | 256 |
| Leases | 91 | 87 |
| Other | 162 | 203 |
| Total consumer | 698 | 735 |
| Card Services | 261 | 386 |
| Total charge-offs | 1,667 | 1,531 |
| Recoveries: |  |  |
| Commercial: |  |  |
| Domestic: |  |  |
| Commercial | 98 | 70 |
| Real estate: |  |  |
| Construction | 1 | 6 |
| Other | 4 | 25 |
| Lease financing | 1 | 2 |
| Foreign | 7 | 1 |
| Total commercial | 111 | 104 |
| Consumer: |  |  |
| Residential real estate | 17 | 12 |
| Automotive: |  |  |
| Loans | 69 | 82 |
| Leases | 21 | 23 |
| Other | 44 | 60 |
| Total consumer | 151 | 177 |
| Card Services | 14 | 44 |
| Total recoveries | 276 | 325 |
| Net charge-offs: |  |  |
| Commercial | 597 | 306 |
| Consumer | 547 | 558 |
| Card Services | 247 | 342 |
| Total net charge-off | 1,391 | 1,206 |
| Provision for loan losses | 3,266 | 1,249 |
| Transfers (1) | (182) | (29) |
| Balance, end of year | \$3,636 | \$1,943 |

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## Composition of Allowance for Loan Losses

While the allowance for loan losses is available to absorb credit losses in the entire funded portfolio, allocations of the allowance for loan losses by line of business were as follows:

| At December 31, | 2003 |  | 2002 |  | 2001 |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Amount | Percent | Amount | Percent | Amount | Percent | Amount | Percent |
| Retail | \$ 677 | 20\% | \$ 679 | 17\% | \$ 681 | 17\% | \$ 434 | 12\% |
| Commercial Banking: |  |  |  |  |  |  |  |  |
| Corporate banking | 1,012 | 29 | 1,331 | 34 | 1,367 | 34 | 1,408 | 39 |
| Middle market | 1,149 | 33 | 1,138 | 29 | 1,159 | 29 | 1,172 | 32 |
| Total Commercial Banking | 2,161 | 62 | 2,469 | 63 | 2,526 | 63 | 2,580 | 71 |
| Card Services | 446 | 13 | 396 | 10 | 396 | 10 | 197 | 5 |
| Investment Management Group | 40 | 1 | 40 | 1 | 25 | 1 | 22 | 1 |
| Corporate | 148 | 4 | 339 | 9 | 347 | 9 | 403 | 11 |
| Total | \$3,472 | 100\% | \$3,923 | 100\% | \$3,975 | 100\% | \$3,636 | 100\% |

For analytical purposes using the previous methodology for portfolio segmentation, an allocation of the allowance for loan losses by loan type follows:

| At December 31, | 2000 |  | 1999 |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Amount | Percent | Amount | Percent |
| Commercial(1) | \$2,725 | 75\% | \$ 630 | 32\% |
| Consumer | 714 | 20 | 486 | 25 |
| Card Services | 197 | 5 | 148 | 8 |
| Unallocated | - | - | 679 | 35 |
| Total | \$3,636 | 100\% | \$1,943 | 100\% |

(1) Includes allowance related to Business and Community Banking loans, which are included in the Retail business segment results.

## Components of Allowance for Credit Losses

The Corporation determines the allowance for credit loss levels based on the probable losses in the credit portfolios. Several methodologies are employed for estimating probable losses. A detailed discussion of the process is presented beginning on page 55 .

The allowance for credit losses of $\$ 4.0$ billion is comprised of an allowance for loan losses of $\$ 3.5$ billion and a reserve for unfunded commitments and standby letters of credit of $\$ 490$ million.

The table below presents the components of the probable loss estimate of the allowance for loan losses:

| At December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | ---: |
| (In millions) |  |  |
| Asset-specific | $\mathbf{3 0 5}$ | $\$ 551$ |
| Expected loss | $\mathbf{1 , 7 9 3}$ | 2,425 |
| Stress | $\mathbf{1 , 3 7 4}$ | 947 |
| Total components(1) | $\mathbf{\$ 3 , 4 7 2}$ | $\$ 3,923$ |

(1) The underlying assumptions, estimates and assessments made by management to determine the components of the allowance for loan losses are continually evaluated by management and updated to reflect management's judgments regarding economic conditions and various relevant factors impacting credit quality and inherent losses.
The December 31, 2003 allowance for loan losses decreased $\$ 451$ million from the prior year. The decrease is primarily due to continued improvements in credit quality, a decrease in period-end loans and the transfer of $\$ 4.1$ billion of home equity loans to held for sale. Loans classified as held for sale are carried at lower of cost or market value and are no longer included in the evaluation of the adequacy of the allowance for loan losses.

The allowance for loan losses at December 31, 2003 represented 2.75\% of period-end loans and $178 \%$ of nonperforming loans, compared to $2.78 \%$ and $121 \%$, respectively, at December 31, 2002.

The asset-specific and expected loss components of the allowance for loan losses decreased $\$ 878$ million while the stress component of the allowance for loan losses increased $\$ 427$ million. The decrease in the asset-specific and expected loss components is primarily due to continued improvements in credit quality resulting in higher risk-rated credits, the decrease in total loans and the $\$ 652$ million chargeoff taken when $\$ 4.1$ billion of home equity loans were transferred to held for sale.

The stress component represents management's estimate of probable loss inherent in the portfolio from the overall economic environment. The increase in the stress component reflects management's concern over the impact of the competitive environment on recent originations and continued uncertainty existing in the economic and geopolitical environment.

The reserve for credit losses related to unfunded commitments and standby letters of credit was $\$ 490$ million and $\$ 602$ million at December 31, 2003 and December 31, 2002, respectively. The reserve, which is determined using expected loss estimates and funding levels, and portfolio stress testing assumptions, decreased from the prior year due to changes in these expectations.

## Portfolio Stress-Tests

Stress testing is performed on all significant portfolios to simulate the effect of economic deterioration on credit performance. Stress

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testing the portfolios provides management with a range of loss estimates that incorporates the Corporation's historical loss experience and the reserve impact of events that have occurred, but that have not been reflected in either the historical expected loss factors or the currently assigned risk ratings.

Stress testing of the commercial portfolio is accomplished using a framework developed to test expected default factors and loss given default estimates and to test the effect of downgrades to exposures in identified high-risk industries. This process includes: establishing a base case scenario using three alternative market probability sets and an estimated loss given default probability to measure the impact on reserves; determining the effect of applying a higher loss given default probability to the base case to take into consideration the variability of historical loss rates over the business cycle; and estimating trend-based reserves in high-risk industries that may not be fully reflected in the historically based loss factors, using market-based tools and information.

Stress testing the consumer portfolios, including credit card, is accomplished in part by analyzing the 5 -year historical loss experience for each major product segment. Management analyzes the range of credit loss experienced for each major portfolio segment taking into account economic cycles, portfolio seasoning, underwriting criteria, and then formulates a stress test range that incorporates relevant risk factors that can impact overall credit performance.

## DERIVATIVE FINANCIAL INSTRUMENTS

In the normal course of business, the Corporation uses a variety of derivative financial instruments in its trading activity and asset and liability management, and to a lesser extent, in its mortgage operations and to manage certain currency translation exposures of foreign entities.

All derivative instruments are carried at fair value irrespective of the purpose for entering into the contracts (i.e., trading, hedging, etc). Purchased option contracts are reported in derivative product assets, and written option contracts are reported in derivative product liabilities. For other derivative financial instruments, unrealized gains are reported in derivative product assets, and unrealized losses are reported in derivative product liabilities. However, fair value amounts recognized for derivative financial instruments executed with the same counterparty under a legally enforceable master netting arrangement are reported on a net basis. Cash flows from derivative financial instruments are reported net as operating activities in the statement of cash flows.

## Trading Derivative Instruments

Derivative financial instruments used in trading activities include swaps, forwards, futures, options, and other conditional or exchange contracts in the interest rate, foreign exchange, credit, equity and commodity markets. The estimated fair values are based on quoted market prices or valuation models using current market information. Realized and unrealized gains and losses,
including any interest income or expense on derivative instruments, are recorded in noninterest income as trading gains (losses).

The Corporation uses credit derivatives (primarily single name credit default swaps) and short bond positions as protection against the deterioration of credit quality on commercial loans and loan commitments and, to a lesser extent, in the Corporation's trading activities. The change in fair value of credit derivative instruments is included in trading results in the Corporation's financial statements, while any credit assessment change in the underlying credit exposure is reflected in the allowance for credit losses. At December 31, 2003, the net notional amount of credit derivatives economically hedging commercial credit exposure totaled $\$ 3.2$ billion, and the related trading loss was $\$ 283$ million for the year ended 2003.

## Asset and Liability Management

## Hedging Derivative Instruments

Derivatives are an integral component of the Corporation's ALM activities and associated management of interest rate risk. In general, the assets and liabilities generated through the ordinary course of business activities do not naturally create offsetting positions with respect to repricing, basis or maturity characteristics. Using derivative instruments, principally plain vanilla interest rate swaps (ALM swaps), interest rate sensitivity is adjusted to maintain the desired interest rate risk profile. Interest rate swaps, used to adjust the interest rate sensitivity of certain interestbearing assets and liabilities, will not need to be replaced at maturity since the corresponding asset or liability will mature along with the interest rate swap.

Derivative financial instruments used in hedging activities are designated as fair value hedges, cash flow hedges, or hedges of net investments in foreign operations, and are required to meet specific criteria. The instruments used in fair value hedges and cash flow hedges are principally interest rate swaps. Such interest rate swaps are designated as a hedge, and adjust effectively the interest rate sensitivity of specific assets and liabilities. Interest rate swaps not designated as a qualified hedge are treated as trading derivative instruments

Interest rate swaps designated as an interest rate related hedge of an existing fixed rate asset or liability are fair value type hedges. Conversely, interest rate swaps designated as an interest rate hedge of an existing variable rate asset or liability are cash flow type hedges. The risk characteristics of the item being hedged generally determine the type of hedge for accounting purposes. Maximizing hedge effectiveness is the primary consideration in choosing the specific asset, liability or forecasted transaction to be hedged.

## Fair Value Hedges

Fair value hedges primarily represent hedges of fixed rate interest-bearing instruments. The change in fair value of both the hedging derivative and hedged item is recorded in current earnings. If a hedge is de-designated prior to maturity, previous adjustments to the carrying value of the hedged item are recognized in earnings to match the earnings recognition pattern of the hedged item (e.g., level yield amortization if hedging an interest-bearing instrument that has not been sold or extinguished).

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## Cash Flow Hedges

Cash flow hedges primarily represent hedges of variable rate interest-bearing instruments. The effective portion of the change in fair value of the hedging derivative is recorded in accumulated other adjustments to stockholders’ equity ("AOASE"), which is reclassified into earnings in a manner consistent with the earnings pattern of the underlying hedged instrument or transaction. At December 31, 2003, the total amount of such reclassification into earnings over the next twelve months would be a decrease in net interest income of $\$ 224$ million after-tax ( $\$ 351$ million pre-tax). This decrease, along with the contractual interest on the underlying variable rate debt, achieves the overall intended result of converting the variable rate to a specified fixed rate and is included in the Corporation's analysis of interest rate exposure. These projections involve the use of currently forecasted interest rates over the next twelve months. These rates, and the resulting reclassification into earnings, are subject to change. The maximum length of time for which exposure to the variability of future cash flows for forecasted transactions is hedged is 68 months. No events occurred in 2003 that impacted earnings from the discontinuance of cash flow hedges due to the determination that a forecasted transaction is no longer likely to occur.

## Financial Presentation

Interest income or expense on hedging derivatives used to manage interest rate exposure is recorded on an accrual basis as an adjustment to the yield of the designated hedged exposures over the periods covered by the contracts. This matches the income recognition treatment of that exposure, generally assets or liabilities
carried at historical cost, with interest recorded on an accrual basis. If all or part of a designated hedged position is terminated (e.g., a hedged asset is sold or prepaid), or if the amount of an anticipated transaction is likely to be less than originally expected, then the related pro-rata portion of any unrecognized gain or loss on the derivative is recognized in earnings at that time, and the related pro-rata portion of the derivative is subsequently accounted for as a trading instrument.

Hedges entered into by the Corporation are regularly monitored to verify that the hedge continues to be effective in offsetting changes in fair value or cash flows of the risk being hedged. In the event that hedges cease to be effective, hedge accounting is discontinued. Amounts previously recognized as adjustments to the carrying value of the hedged item (in a fair value hedge), and accumulated in AOASE (in a cash flow hedge) are subsequently recognized in earnings when the previously hedged item affects earnings.

The amount of hedge ineffectiveness recognized for cash flow and fair value hedges for the twelve months ended December 31, 2003 and 2002 was a loss of $\$ 31$ million and a gain of $\$ 2$ million, respectively, recognized in noninterest income. No component of a hedging derivative instrument's gain or loss is excluded from the assessment of hedge effectiveness. The Corporation has no non-derivative instruments designated as a hedge.

## Asset and Liability Management

 Maturities and RatesThe net notional amounts, maturity, and weighted-average pay and receive rates for the ALM swap positions are summarized as follows:

| At December 31, 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Thereafter | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |  |  |  |
| Receive fixed/pay floating swaps:(1) |  |  |  |  |  |  |  |
| Notional amount | \$1,700 | \$ - | \$ 30 | \$ - | \$3,000 | \$4,875 | \$ 9,605 |
| Weighted average: |  |  |  |  |  |  |  |
| Receive rate | 1.40\% | —\% | 2.80\% | -\% | 2.92\% | 4.76\% | 3.59\% |
| Pay rate | 1.16 | - | 1.17 | - | 1.16 | 1.17 | 1.16 |
| Pay fixed/receive floating swaps:(1) |  |  |  |  |  |  |  |
| Notional amount | \$2,970 | \$3,582 | \$2,420 | \$3,411 | \$4,084 | \$4,000 | \$20,467 |
| Weighted average: |  |  |  |  |  |  |  |
| Receive rate | 1.17\% | 1.16\% | 1.19\% | 1.18\% | 1.17\% | 0.99\% | 1.14\% |
| Pay rate | 3.67 | 4.12 | 4.02 | 3.86 | 4.12 | 4.10 | 3.99 |
| Total notional amount(2) | \$4,670 | \$3,582 | \$2,450 | \$3,411 | \$7,084 | \$8,875 | \$30,072 |

(1) Variable interest rates - which generally are the one-month, three-month and six-month London interbank offered rates ("LIBOR") in effect on the date of repricing.
(2) Excludes $\$ 880$ million notional (U.S. dollar) cross-currency swaps hedging non-U.S. dollar denominated debt.

## Mortgage Banking Hedging Activity

The Corporation uses derivatives, primarily mortgage-backed security forward sale agreements, to hedge exposure to changes in interest rates in its mortgage loan origination and sale activity. Changes in fair value of mortgage loan interest rate lock commitments granted to customers, which meet the definition of a derivative and the forward sale derivative contracts used to economically hedge this exposure are recorded in other noninterest income. In contrast, fair value hedge accounting, as described above, is used to account for the derivatives entered into to hedge the 15 and 30 year closed loan warehouse that is held for sale. Changes in fair value of these derivatives and the adjustable rate closed loan warehouse are also recorded in other noninterest income.

## Hedging Foreign Currency Exposure

In order to minimize the capital impact of translation gains or losses measured on an after-tax basis, the Corporation uses forward foreign exchange contracts to hedge the exposure relating to non-U.S. dollar net investments in foreign operations. The effective portion of the change in fair value of the hedging derivatives is recorded in AOASE as part of the cumulative translation adjustment. The amount of after-tax losses included in the cumulative translation adjustment during the years ended December 31, 2003 and 2002 related to hedges of the foreign currency exposures of net investments in foreign operations totaled $\$ 13$ million and $\$ 9$ million, respectively.

The Corporation also uses forward foreign exchange contracts and crosscurrency swaps to hedge the currency exchange rate exposure in non-U.S. dollar denominated investments and

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long-term debt. These transactions may be designated as either fair value or cash flow hedges, as described above.

## Credit Exposure Resulting from

Derivative Financial Instruments
The credit risk associated with exchange-traded derivative financial instruments is limited to the relevant clearinghouse. Written options do not expose the Corporation to credit risk, except to the extent of the underlying risk in a financial instrument that the Corporation may be obligated to acquire under certain written put options. Written caps and floors do not expose the Corporation to credit risk.

Credit exposure from derivative financial instruments arises from the risk of a counterparty default on the derivative contract. The amount of loss created by the default is the replacement cost or current positive fair value of the defaulted contract. The Corporation utilizes master netting agreements whenever possible to reduce its credit exposure from counterparty defaults. These agreements allow the netting of contracts with unrealized losses against contracts with unrealized gains to the same counterparty, in the event of a counterparty default.

The impact of these master netting agreements is as follows:

| At December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | ---: |
| (In millions) |  |  |
| Gross replacement cost | $\mathbf{\$ 2 3 , 4 3 6}$ | $\$ 22,066$ |
| $\quad$ Less: Adjustment due to master netting agreements | $\mathbf{1 8 , 2 2 8}$ | 17,793 |
| Balance sheet credit exposure | $\mathbf{\$ 5 , 2 0 8}$ | $\$ 4,273$ |

## LOAN SECURITIZATIONS AND

OFF-BALANCE SHEET ACTIVITIES

## Loan Securitizations

The Corporation transforms loans into securities that are sold to investors or retained on the balance sheet through the process of securitization. The Corporation primarily securitizes credit card receivables. In a credit card securitization, a designated pool of credit card receivables is removed from the balance sheet and transferred to a Qualified Special Purpose Entity ("QSPE"), that in turn sells securities to investors entitling them to receive specified cash flows during the life of the security. The proceeds from the issuance of securities are then distributed by the QSPE to the Corporation as consideration for the loans transferred. Following a securitization, the Corporation receives fees for servicing the receivables and any excess
finance charges, yield-related and other fees, and interchange revenue on the receivables over and above the interest paid to the investors, net credit losses and servicing fees (collectively termed "the excess spread"). At the date of sale, an interest-only strip is recorded on the balance sheet representing the estimated discounted excess spread to be earned on the assets sold over the life of underlying receivables.

The Corporation's continued involvement in the securitized assets includes the process of managing and servicing the transferred receivables, as well as maintaining an undivided, pro-rata interest in all credit card receivables that have been transferred (or sold) to the QSPE, referred to as Seller's Interest, which is generally equal to the pool of assets included in the QSPE less the investors' portion of those assets. The Corporation's Seller's Interest ranks pari-passu with the investors' interests in the trusts. As the amount of the loans in the QSPE fluctuates due to customer payments, purchases, cash advances, and credit losses, the carrying amount of the Seller's Interest will vary. However, the Seller's Interest is required to be maintained at a minimum level to ensure receivables are available for allocation to the investor's interest. This minimum level is generally between $4 \%$ and $5 \%$ of the QSPEs principal receivables. The Corporation's credit card Seller's Interests were in aggregate $41 \%$ and $45 \%$ of the QSPEs principal receivables at December 31, 2003, and 2002, respectively. Average credit card Seller's Interests were approximately $39 \%$ and $40 \%$ of the QSPEs average principal receivables for the years ended December 31, 2003, and 2002, respectively.

Investors in the beneficial interests of the securitized loans have no recourse against the Corporation if cash flows generated from the securitized loans are inadequate to service the obligations of the QSPE. To help ensure that adequate funds are available in the event of a shortfall, the Corporation is required to deposit funds into cash spread accounts if excess spread falls below certain minimum levels. Spread accounts are funded from excess spread that would normally be returned to the Corporation. In addition, various forms of other credit enhancements are provided to protect more senior investor interests from loss. Credit enhancements associated with credit card securitizations, such as cash collateral or spread accounts, totaled $\$ 24$ million and $\$ 145$ million at December 31, 2003, and 2002, respectively, and are classified on the balance sheet as other assets at amounts approximating fair value.

The following comprised the Corporation's managed credit card loans:

| At December 31, |  | 2003 | 2002 | 2001 | 2000 | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |  |  |
| Owned credit card loans - held in portfolio |  | \$ 6,447 | \$ 7,592 | \$ 5,040 | \$ 2,835 | \$ 2,369 |
| Owned credit card loans - held for sale |  | 5,588 | 3,989 | 1,746 | 1,909 | 1,668 |
| Seller's interest in credit card loans and accrued interest receivable |  | 27,193 | 28,526 | 24,019 | 22,446 | 19,680 |
| Total credit card receivables reflected on balance sheet |  | 39,228 | 40,107 | 30,805 | 27,190 | 23,717 |
| Securities sold to investors and removed from balance sheet |  | 37,100 | 33,889 | 37,350 | 39,795 | 45,639 |
| Managed credit card loans |  | \$76,328 | \$73,996 | \$68,155 | \$66,985 | \$69,356 |
| Estimated maturities of investor principal in the Corporation's securitized credit card loans, which are subject to change, are as follows: |  |  |  |  |  |  |
| At December 31, 2004 | 2005 |  |  | 2007 | 2008 | Thereafter |
| (In millions) |  |  |  |  |  |  |
| Securitized Loans \$9,482 | \$5,053 |  |  | \$4,392 | \$8,061 | \$1,925 |

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## Off-Balance Sheet Activities

In the normal course of business, the Corporation is a party to a number of activities that contain credit, market and operational risk that are not reflected in whole or in part in the Corporation's consolidated financial statements. Such activities include: traditional off-balance sheet credit-related financial instruments; long-term contractual obligations under capital and operating leases and long-term debt; credit enhancement and liquidity facil-
ities associated with the asset-backed finance programs; joint venture activities; and other contractual obligations.

## Credit-Related Financial Instruments

The Corporation provides customers with off-balance sheet credit support through loan commitments, standby letters of credit and guarantees, as well as commercial letters of credit. Summarized credit-related financial instruments were as follows:

| At December 31, 2003 | Amount of Commitment Expiration Per Period |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Less Than | 1-3 | 3-5 | More than |
| (In millions) | Total | 1 Year | Years | Years | 5 Years |
| Unused credit card lines | \$348,037 | \$348,037 | \$ - | \$ | \$ - |
| Unused loan commitments | 109,001 | 72,121 | 25,613 | 10,804 | 463 |
| Standby letters of credit and foreign office guarantees | 25,874 | 17,851 | 5,584 | 2,115 | 324 |
| Commercial letters of credit | 840 | 840 | - | - | - |

The Corporation maintains a reserve of $\$ 490$ million, reported in other liabilities, for credit risk associated with these off-balance sheet items.
Since many of the unused commitments are expected to expire unused or be only partially used, the total amount of unused commitments in the preceding table does not necessarily represent future cash requirements.

## Long-Term Contractual Obligations

The Corporation has entered into a number of long-term contractual obligations to support the ongoing activities of the Corporation. The required payments under such obligations were as follows:

| At December 31, 2003 | Payments due by period |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ss than | 1-3 | 3-5 | More than |
| (In millions) | Total |  | 1 Year | Years | Years | 5 Years |
| Certificates of deposit of \$100,000 and over | \$ 9,160 | \$ | 3,500 | \$ 4,103 | \$ 1,172 | \$ 385 |
| Long-term debt, including capital lease obligations(1) | 46,764 |  | 8,977 | 16,516 | 11,263 | 10,008 |
| Operating lease obligations | 1,806 |  | 219 | 394 | 314 | 879 |
| Purchase obligations | 1,906 |  | 836 | 639 | 167 | 264 |
| Obligations under affinity and co-brand programs (2) | 5,332 |  | 925 | 2,033 | 1,948 | 426 |
| Pension, postretirement liabilities and other related | 596 |  | 167 | 53 | 35 | 341 |
| Other long-term liabilities (3) | 808 |  | 513 | 33 | 132 | 130 |
| Total | \$66,372 | \$ | 15,137 | \$23,771 | \$15,031 | \$12,433 |

(1) Includes trust preferred securities.
(2) Obligations under affinity and co-brand programs represent contractual obligations with affinity and co-brand partners under the Corporation's various credit card programs.
(3) Includes non-contingent life insurance products, annuities and insurance related deposits.

Purchase obligations include any legal and binding contractual obligation where the Corporation is estimated to expend greater than $\$ 500,000$ annually under the contract. Excluded from the table are purchase obligations that are expected to be settled in cash within 90 days. Estimated payments are shown through the date of contract termination. For contractual obligations where the Corporation or the counter-party can terminate the contract early and without penalty, estimated payments are included through the first date the contract can be terminated. For contractual obligations where the estimated future payments are variable, the Corporation estimated future payments based on historical service levels or use and anticipated future service levels or usage.

These contractual obligations will be funded through operating revenues and liquidity sources held or available to the Corporation. For a more detailed discussion of the Corporation's sources of funding, see the "Liquidity Risk Management" section beginning on page 56 .

The Corporation enters into derivative financial instruments which create contractual obligations, as part of its risk management process, customer accommodation or other trading activities. See "Derivative Financial Instruments" beginning on page 71 of this report.

## Asset-Backed Finance Programs

The Corporation is an active participant in the asset-backed securities business where it helps meet customers' financing needs by providing access to the commercial paper markets through variable interest entities, known as multi-seller conduits. These entities are separate bankruptcy-remote corporations in the business of purchasing interests in, and making loans secured by, receivable pools and other financial assets pursuant to agreements with customers. The entities fund their purchases and loans through the issuance of highly rated commercial paper. The primary source of repayment of the commercial paper is the cash flow from the

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pools of assets. Investors in the commercial paper have no recourse to the general assets of the Corporation. Customers benefit from such structured financing transactions as these transactions provide an ongoing source of asset liquidity, access to the capital markets, and a potentially favorable cost of financing.

As of December 31, 2003, the Corporation administered multi-seller conduits with a total program limit of $\$ 70.0$ billion and with $\$ 35.2$ billion in commercial paper outstanding. The multi-seller conduits were rated A-1 by S \& P, P-1 by Moody's and F1 or higher by Fitch.

These multi-seller conduits are a type of VIE, as defined by FIN No. 46. From the Corporation's perspective, these entities have historically met all of the accounting requirements to be treated as independent entities and therefore have not been consolidated. See page 86 for additional discussion. Each of the multi-seller conduits administered by the Corporation has stand-alone financial statements, which are independently audited on an annual basis.

As administrator of the multi-seller conduits, the Corporation provides transaction origination services, asset portfolio monitoring, treasury and financial administration services for these entities. The Corporation structures financing transactions for customers such that the receivables and other financial instruments financed through the multi-seller conduits are appropriately diversified and credit enhanced to support the conduits’ commercial paper issuances. The Corporation does not service these assets and does not transfer its own receivables or other financial instruments into the multi-seller conduits it administers. Each conduit has program documents and investment policies, which govern the types of assets and structures permitted by the conduit. The mix of assets is principally trade receivables, auto loans and leases and credit card receivables, although, one conduit has publicly rated marketable investment securities.

The commercial paper issued by the conduits is supported by deal specific credit enhancement, which is generally structured to cover more than the expected losses on the pool of assets. The deal specific credit enhancement is typically in the form of overcollateralization, but may also include any combination of the following: recourse to the seller or originator, cash collateral accounts, letters of credit, excess spread, retention of subordinated interests
or third-party guarantees. In a limited number of cases, the Corporation provides the deal specific credit enhancement as a financial arrangement for the customer. As of December 31, 2003 and 2002, the Corporation provided such deal specific credit enhancement to customers in the form of subordinated interests totaling $\$ 199$ million and $\$ 203$ million, respectively. These subordinated interest positions are included in loans on the Corporation's balance sheet.

In general, the commercial paper investors have access to a second loss credit protection in the form of program-wide credit enhancement. Prior to December 1, 2003, the program-wide credit enhancement consisted of a subordinated term loan from the Corporation and a surety bond from an AAA rated monoline insurance company. On December 1, 2003, the program-wide credit enhancement was restructured such that the credit enhancement consists of an unfunded letter of credit from the Corporation and a surety bond from an AAA rate monoline insurance company. As of December 31, 2003 and 2002, the unfunded letters of credit and the subordinated term loans from the Corporation to these entities totaled $\$ 1.1$ billion and $\$ 1.0$ billion, respectively. One conduit has only deal specific credit enhancements provided by other financial institutions.

As a means of ensuring timely repayment of the commercial paper, each asset pool financed by the conduits has a minimum of $100 \%$ deal specific liquidity facility associated with it. In the unlikely event of a disruption in the commercial paper market or in the event an asset pool is removed from the conduit, the administrator can draw on the liquidity facility to repay the maturing commercial paper. The liquidity facilities are typically in the form of asset purchase agreements and are generally structured such that the bank liquidity provider is purchasing, or lending against, a pool of non-defaulted, performing assets. Additionally, programwide liquidity facilities and small lines of credit are provided by the Corporation to the multi-seller conduits to facilitate short term funding while accessing the commercial paper markets.

The following table summarizes the total amount of deal specific and programwide liquidity facilities, as well as the share of these facilities provided by the Corporation, for the multi-seller conduits:


The Corporation also provides deal specific and program-wide liquidity facilities to conduits administered by other financial institutions totaling approximately $\$ 3.5$ billion and $\$ 6.3$ billion as of December 31, 2003 and 2002, respectively.

Effective December 31, 2003, the Corporation consolidated $\$ 39.6$ billion of assets and liabilities related to its asset-backed conduits and investment vehicle as a result of implementing certain
requirements of FIN No. 46. Incremental assets consolidated under FIN No. 46 include $\$ 32.9$ billion of interests in purchased receivables and $\$ 5.9$ billion of investment securities. Incremental liabilities consolidated under FIN No. 46 consist primarily of $\$ 36.9$ billion of commercial paper and $\$ 2.7$ billion of long-term debt issued by the consolidated entities to support their business activities. The commercial paper is reported in other short-term borrowings.

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Investors in the multi-seller conduits and investment vehicle have no recourse to the general assets of the Corporation. The adoption of FIN No. 46 did not have a material impact on earnings. During 2003 (prior to adopting FIN No. 46), the Corporation recognized banking fees and commissions of $\$ 151$ million, consisting primarily of arrangement, administrative and liquidity fees, from its involvement with these entities. Subsequent to adopting FIN No. 46, revenue and expenses of these entities will be reported in the relevant financial statement line items of the consolidated Corporation.

During the third quarter, banking regulators issued interim regulations that provide risk-based capital relief for certain assets consolidated under FIN No. 46. Such interim regulations issued by the banking regulators remained in effect through December 31, 2003. The adoption of certain requirements of FIN No. 46, therefore, did not have a material impact on Tier 1 or Total Capital ratios. The leverage ratio is measured based on average assets, and therefore, was not significantly impacted this quarter. The tangible common equity/tangible managed asset ratio, which uses end-of-period balances, was impacted as a result of the additional assets as of December 31, 2003. Excluding the impact of this consolidation, tangible common equity/tangible managed assets would have been $6.4 \%$ for the quarter.

For additional information, see Note 1 (x), "New and Pending Accounting Pronouncements," beginning on page 85.

## Principal Investments and Joint Ventures

In the normal course of business, the Corporation invests in principal investments, comprised of direct and indirect investments in private equity, venture capital, and other equity and debt assets. These investments are primarily executed by One Equity Partners, a wholly-owned consolidated subsidiary. Commitments to fund such investments at December 31, 2003 totaled $\$ 1.3$ billion.

At December 31, 2003, the Corporation is not party to any material joint venture arrangements which are not consolidated.

## Loans Sold with Recourse

The Corporation occasionally sells or securitizes loans with limited recourse. The amount of outstanding loans sold with recourse totaled $\$ 2.6$ billion and $\$ 4.7$ billion at December 31, 2003, and 2002, respectively. The recourse provisions require the Corporation to repurchase loans at par plus accrued interest upon a credit-related triggering event. Exposure to credit losses from these arrangements has been reduced with the purchase of credit insurance contracts that cover the majority of expected losses.

## CAPITAL MANAGEMENT

The capital position of the Corporation is managed to achieve management's external debt rating objectives, comply with regulatory requirements and reflect the underlying risks of the Corporation’s business activities. The Corporation employs an economic capital framework (described further on page 77) to facilitate a standard measure of risk and return across all business units, as well as to provide a measure of capital adequacy consistent with internal risk evaluation practices. This serves as the basis for capital planning and related management activities.

## Selected Capital Ratios

The Corporation aims to maintain regulatory capital ratios, including those of the principal banking subsidiaries, in excess of the well-capitalized guidelines under federal banking regulations. The Corporation maintains a well-capitalized regulatory position.

The Corporation's capital ratios were as follows:

| At December 31, | 2003 | 2002 | 2001 | 2000 | 1999 | Well-Capitalized Regulatory Guidelines |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risk-based capital ratios: |  |  |  |  |  |  |
| Tier 1 | 10.0\% | 9.9\% | 8.6\% | 7.3\% | 7.7\% | 6.0\% |
| Total | 13.7 | 13.7 | 12.2 | 10.8 | 10.7 | 10.0 |
| Leverage ratio ${ }^{(1)}$ | 8.8 | 8.9 | 8.2 | 7.3 | 7.7 | N/A |
| Common equity/assets | 7.2 | 8.1 | 7.5 | 6.8 | 7.4 | - |
| Tangible common equity/tangible reported assets | 6.4 | 7.2 | 6.8 | 6.3 | 6.6 | - |
| Tangible common equity/tangible managed assets | 5.7 | 6.4 | 5.9 | 5.5 | 5.7 | - |
| Double leverage ratio | 103 | 103 | 103 | 108 | 112 | - |
| Dividend payout ratio | 30 | 30 | 38 | N/M | 57 | - |

## N/M Not meaningful

N/A Not applicable
 of 2004.

The components of the Corporation's regulatory risk-based capital and risk-weighted assets were as follows:

| At December 31, | 2003 | 2002 | 2001 | 2000 | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |  |
| Regulatory risk-based capital: |  |  |  |  |  |
| Tier 1 capital | \$ 24,499 | \$ 23,918 | \$ 21,749 | \$ 19,824 | \$ 20,247 |
| Tier 2 capital | 9,135 | 9,201 | 9,091 | 9,316 | 7,967 |
| Total capital | \$ 33,634 | \$ 33,119 | \$ 30,840 | \$ 29,140 | \$ 28,214 |
| Total risk-weighted assets | \$245,441 | \$241,468 | \$253,330 | \$270,182 | \$263,169 |

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In deriving Tier 1 and Total Capital, goodwill and other nonqualifying intangible assets were deducted as indicated:

| For the Year Ended December 31, | 2003 | 2002 | 2001 | 2000 | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |  |
| Goodwill | \$2,061 | \$1,882 | \$1,560 | \$ 858 | \$ 934 |
| Other nonqualifying intangibles | 290 | 256 | 207 | 375 | 669 |
| Subtotal | 2,351 | 2,138 | 1,767 | 1,233 | 1,603 |
| Qualifying intangibles | 468 | 415 | 414 | 214 | 583 |
| Total intangibles | \$2,819 | \$2,553 | \$2,181 | \$1,447 | \$2,186 |

The Corporation formed statutory trusts for the purpose of issuing trust preferred capital securities. These trust preferred capital securities are included in the Corporation's Tier 1 Capital and Total Capital at December 31, 2003. In December 2003, FASB issued a revision of FIN No. 46 that required the deconsolidation of these statutory trusts by March 31, 2004. In July 2003, the Board of Governors of the Federal Reserve System issued a supervisory letter instructing bank holding companies to continue to include the trust preferred capital securities in their Tier 1 Capital for regulatory capital purposes until notice is given to the contrary. The Federal Reserve intends to review the regulatory implications of any accounting treatment changes and, if necessary or warranted, provide further appropriate guidance. There can be no assurance that the Federal Reserve will continue to allow institutions to include trust preferred capital securities in Tier 1 Capital for regulatory capital purposes.

The insurance subsidiaries of the Corporation are subject to risk-based capital ("RBC") guidelines as established by the National Association of Insurance Commissioners ("NAIC"). The RBC requirements establish minimum levels of capital to be maintained and are used by the NAIC and states to identify companies subject to remedial action. At December 31, 2003, the statutory capital of all insurance subsidiaries was in excess of amounts that would require regulatory action.

## Dividend Policy

The Corporation's common stock dividend policy reflects its earnings outlook, desired payout ratios, the need to maintain an adequate capital level, and alternative investment opportunities. The common stock dividend payout ratio is currently targeted in the range of $25 \%-30 \%$ of earnings over time. Common stock dividends declared for 2003 and 2002 were $\$ 0.92$ and $\$ 0.84$ per share, respectively. On January 20, 2004, the Corporation declared a quarterly common cash dividend of $\$ 0.44875$ per share, payable on April 1, 2004, consistent with the terms of the merger agreement with JPMorgan Chase.

## Double Leverage

Double leverage is the extent to which the Corporation's resources are used to finance investments in subsidiaries. Double leverage was $103 \%$ at December 31, 2003 and 2002. Trust preferred capital securities of $\$ 3.3$ billion in 2003 and 2002 were included in capital for purposes of this calculation.

## Stock Repurchase Program

On July 16, 2003, a new $\$ 3.0$ billion stock buyback program was approved and replaced amounts unused under the previous $\$ 2.0$ billion program. The timing of the purchases and the exact
number of shares to be purchased will depend on market conditions. The buyback program does not include specific price targets or timetables and may be suspended at any time. For the year ended 2003, the Corporation purchased more than 55 million shares of common stock at an average price of $\$ 37.29$ per share.

## Economic Capital

An important aspect of risk management and performance measurement is the ability to evaluate the risk and return of a business unit, product or customer consistently across all lines of business. The Corporation's economic capital framework facilitates this standard measure of risk and return. Business units are assigned capital consistent with the underlying risks of their product set, customer base and delivery channels.

The following principles are inherent in the capital allocation methodology employed:

- An equal amount of capital is assigned for each measured unit of risk.
- Risk is defined in terms of "unexpected" losses over the life of the exposure, measured at a confidence interval consistent with that level of capitalization necessary to achieve a targeted AA solvency standard. Unexpected losses are in excess of those normally incurred and for which reserves are maintained.
- Business units are assessed a uniform charge against allotted capital, representing a target hurdle rate on equity investments. Returns on capital in excess of the hurdle rate contribute to increases in shareholder value.

Four forms of risk are measured - credit, market, operational and lease residual. Credit risk capital is determined through an analysis of both historical loss experience and market expectations. Market risk capital is set consistent with value-at-risk limits established by the Corporation's risk oversight committees. Operational risk capital incorporates event and technology risks. The operational risk evaluation process involves an examination of various risk factors that contribute to a greater likelihood of loss due to such things as fraud or processing error. Finally, lease residual risk capital covers the potential for losses arising from the disposition of assets returned at the end of lease contracts. This price risk is analyzed based on historical loss experiences and market factors, as well as by reviewing event-specific scenarios.

The economic capital process provides a valuable analytical tool that is critical to the understanding of business segment performance trends. The methodologies employed are subject to ongoing development and review. Over time, the Corporation's view of individual risks and associated capital will likely change given improvements in the Corporation's ability to quantify risks inherent in various business activities.

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## Financial Statements of Businesses Acquired

Reproduced below are the consolidated balance sheets of Bank One and its subsidiaries as of December 31, 2003 and 2002, and the related consolidated statements of income, stockholders' equity and cash flows for each of the years in the three-year period ended December 31, 2003, included in Bank One's Annual Report on Form 10-K for the year ended December 31, 2003.

## CONSOLIDATED BALANCE SHEETS

Bank One Corporation and Subsidiaries

| At December 31, | 2003 | 2002 |
| :---: | :---: | :---: |
| (Dollars in millions) |  |  |
| Assets |  |  |
| Cash and due from banks | \$ 17,089 | \$ 17,920 |
| Interest-bearing due from banks | 3,093 | 1,503 |
| Federal funds sold and securities purchased under resale agreements | 15,551 | 17,356 |
| Trading assets | 11,584 | 7,190 |
| Derivative product assets | 5,208 | 4,273 |
| Investment securities | 84,951 | 67,643 |
| Interests in purchased receivables | 32,938 | - |
| Loans (1) | 138,147 | 148,125 |
| Allowance for loan losses | $(3,472)$ | $(3,923)$ |
| Loans, net | 134,675 | 144,202 |
| Premises and equipment | 2,960 | 2,454 |
| Goodwill | 2,061 | 1,882 |
| Other intangible assets | 758 | 671 |
| Other assets | 15,695 | 12,891 |
| Total assets | \$326,563 | \$277,985 |
| Liabilities |  |  |
| Deposits |  |  |
| Demand | \$ 24,485 | \$ 34,325 |
| Savings | 99,175 | 88,934 |
| Time |  |  |
| Under \$100,000 | 13,708 | 16,767 |
| \$100,000 and over | 9,234 | 13,745 |
| Foreign offices | 18,019 | 16,237 |
| Total deposits | 164,621 | 170,008 |
| Federal funds purchased and securities sold under repurchase agreements | 20,573 | 14,578 |
| Other short-term borrowings | 47,740 | 12,306 |
| Long-term debt | 46,764 | 43,234 |
| Insurance policy and claims reserves | 6,713 | 226 |
| Derivative product liabilities | 4,050 | 3,838 |
| Other liabilities | 12,683 | 11,355 |
| Total liabilities | 303,144 | 255,545 |
| Commitments and contingencies (see Note 22, 23 and 28) |  |  |
| Stockholders' Equity |  |  |
| Common stock (\$0.01 par value; authorized 4,000,000,000; issued 1,181,382,304) | 12 | 12 |
| Surplus | 10,290 | 10,239 |
| Retained earnings | 15,514 | 13,020 |
| Accumulated other adjustments to stockholders' equity | 127 | (8) |
| Deferred compensation | (189) | (157) |
| Treasury stock, at cost (61,800,269 and 17,340,948 shares, respectively) | $(2,335)$ | (666) |
| Total stockholders' equity | 23,419 | 22,440 |
| Total liabilities and stockholders' equity | \$326,563 | \$277,985 |

(1) Includes loans held for sale of $\$ 12,017$ million and $\$ 6,937$ million at December 31, 2003 and 2002, respectively.

The accompanying notes are an integral part of this statement.

## Table of Contents

## CONSOLIDATED INCOME STATEMENTS

Bank One Corporation and Subsidiaries

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions, except per share data) |  |  |  |
| Net Interest Income |  |  |  |
| Interest income | \$12,661 | \$13,887 | \$17,257 |
| Interest expense | 4,512 | 5,332 | 8,652 |
| Total net interest income | 8,149 | 8,555 | 8,605 |
| Noninterest Income |  |  |  |
| Banking fees and commissions | 1,795 | 1,794 | 1,736 |
| Credit card revenue | 3,764 | 3,836 | 2,775 |
| Service charges on deposits | 1,661 | 1,577 | 1,449 |
| Fiduciary and investment management fees | 656 | 645 | 671 |
| Investment securities gains (losses) | 122 | 165 | (66) |
| Trading gains (losses) | (26) | 224 | 220 |
| Other income (losses) | 91 | (61) | 358 |
| Total noninterest income | 8,063 | 8,180 | 7,143 |
| Total revenue, net of interest expense | 16,212 | 16,735 | 15,748 |
| Provision for credit losses | 2,045 | 2,487 | 2,510 |
| Noninterest Expense |  |  |  |
| Salaries and employee benefits | 4,765 | 4,424 | 4,156 |
| Occupancy | 679 | 643 | 683 |
| Equipment | 473 | 423 | 451 |
| Outside service fees and processing | 1,153 | 1,291 | 1,174 |
| Marketing and development | 957 | 1,069 | 862 |
| Telecommunication | 213 | 364 | 406 |
| Goodwill amortization | - | - | 69 |
| Other intangible amortization | 137 | 125 | 97 |
| Other expense | 1,400 | 1,270 | 1,241 |
| Total noninterest expense before restructuring-related charges (reversals) | 9,777 | 9,609 | 9,139 |
| Restructuring-related charges (reversals) | - | (63) | 351 |
| Total noninterest expense | 9,777 | 9,546 | 9,490 |
| Income from continuing operations before income taxes and cumulative effect of change in accounting principle | 4,390 | 4,702 | 3,748 |
| Applicable income taxes | 1,265 | 1,446 | 1,099 |
| Income from continuing operations before cumulative effect of change in accounting principle | 3,125 | 3,256 | 2,649 |
| Discontinued operations |  |  |  |
| Income from discontinued operations (includes gain on sale of \$597 in 2003) | 643 | 61 | 52 |
| Applicable income taxes | 233 | 22 | 19 |
| Income from discontinued operations, net of taxes | 410 | 39 | 33 |
| Cumulative effect of change in accounting principle, net of taxes of (\$25) | - | - | (44) |
| Net income | \$ 3,535 | \$ 3,295 | \$ 2,638 |
| Net income attributable to common stockholders' equity | 3,535 | 3,295 | 2,628 |
| Basic earnings per share |  |  |  |
| Income from continuing operations, net of taxes | \$ 2.78 | \$ 2.80 | \$ 2.25 |
| Income from discontinued operations, net of taxes | 0.36 | 0.03 | 0.03 |
| Cumulative effect of change in accounting principle | - | - | (0.03) |
| Net income | \$ 3.14 | \$ 2.83 | \$ 2.25 |
| Diluted earnings per share |  |  |  |
| Income from continuing operations, net of taxes | \$ 2.75 | \$ 2.77 | \$ 2.25 |
| Income from discontinued operations, net of taxes | 0.36 | 0.03 | 0.03 |
| Cumulative effect of change in accounting principle | - | - | (0.04) |
| Net income | \$ 3.11 | \$ 2.80 | \$ 2.24 |

The accompanying notes are an integral part of this statement.

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## CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

| Bank One Corporation and Subsidiaries |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) | Preferred Stock | Common Stock | Surplus | Retained Earnings |  | ed to to ers' city | Deferred Compensation | Treasury Stock | Total Stockholders Equity |
| $\begin{aligned} & \hline \text { Balance- } \\ & \text { December 31, } \\ & 2000 \\ & \hline \end{aligned}$ | \$ 190 | \$ 12 | \$10,487 | \$ 9,060 | \$ | (5) | \$(121) | \$ (988) | \$18,635 |
| Net income Change in fair value, investment securitiesavailable for sale, net of taxes |  |  |  | 2,638 |  | 93 |  |  | 2,638 |

Change in fair
value of cash-
flow hedge
derivative, net
of taxes
(146)
(146)

Translation loss,
net of hedge
results and
taxes
changes in
accumulated
other
adjustments
to
stockholders'
equity
Cash dividends
declared:
Common
stock
Preferred
2,638
(60)

Redemption of
stock
Other
Balance-
December 31,
Net income
Change in fair
value,
investment
securities-
available for
available for
sale, net of
taxes
Change in fair
value of cash-
flow hedge
derivative, net
of taxes
Translation loss,
net of hedge
net of hedge
results and
results and
taxes
Net income and
changes in
accumulated
accum
other
adjustments
to
stockholders
equity
cash
dividends
dividends
declared
Net purchases
of common stock (134)

Restricted stock
awards
granted, net
of forfeitures
and
amortization
$3,295 \quad 57$

Stock option
(36)
grants 45
Balance-
December 31



[^0]
## CONSOLIDATED STATEMENTS OF CASH FLOWS

Bank One Corporation and Subsidiaries

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Cash Flows from Operating Activities of Continuing Operations: |  |  |  |
| Net income | \$ 3,535 | \$ 3,295 | \$ 2,638 |
| Income from discontinued operations, net of taxes | 410 | 39 | 33 |
| Income from continuing operations, net of taxes | 3,125 | 3,256 | 2,605 |
| Adjustments to reconcile net income to net cash provided by operating activities of continuing operations: |  |  |  |
| Depreciation and amortization | 576 | 524 | 571 |
| Cumulative effect of accounting change | - | - | 69 |
| Provision for credit losses | 2,045 | 2,487 | 2,510 |
| Investment securities (gains) losses, net | (122) | (165) | 66 |
| Change in net derivative product assets and liabilities | (491) | (504) | (198) |
| Change in trading assets | $(4,818)$ | $(1,021)$ | $(3,456)$ |
| Change in other assets | $(1,338)$ | 1,229 | 213 |
| Change in other liabilities | 1,557 | (867) | 375 |
| Restructuring (reversals) charges | - | (63) | 351 |
| Other operating adjustments | (360) | 523 | (764) |
| Net cash provided by operating activities | 174 | 5,399 | 2,342 |
| Cash Flows from Investing Activities of Continuing Operations: |  |  |  |
| Change in federal funds sold and securities purchased under resale agreements | 1,805 | $(8,010)$ | $(4,610)$ |
| Securities available for sale: |  |  |  |
| Purchases | $(74,604)$ | $(57,304)$ | $(56,088)$ |
| Maturities | 13,559 | 7,193 | 23,579 |
| Sales | 53,014 | 48,340 | 23,393 |
| Credit card receivables securitized | 11,450 | 6,775 | 3,845 |
| Change in loans | $(1,123)$ | $(4,677)$ | 13,425 |
| Loan recoveries | 455 | 364 | 342 |
| Additions to premises and equipment | $(1,662)$ | (488) | (169) |
| Proceeds from sales of premises and equipment | 62 | 53 | 55 |
| Business acquisitions, net of cash received | (401) | - | $(5,776)$ |
| All other investing activities, net | (31) | (257) | 383 |
| Net cash provided by (used in) investing activities | 2,524 | $(8,011)$ | $(1,621)$ |
| Cash Flows from Financing Activities of Continuing Operations: |  |  |  |
| Change in deposits | $(5,443)$ | 2,590 | 373 |
| Change in federal funds purchased and securities sold under repurchase agreements | 5,995 | 850 | 1,607 |
| Change in other short-term borrowings | $(1,475)$ | 2,061 | $(7,757)$ |
| Proceeds from issuance of long-term debt | 11,712 | 8,293 | 13,291 |
| Repayment of long-term debt | $(10,544)$ | $(8,945)$ | $(11,341)$ |
| Treasury stock acquired | $(2,069)$ | (617) | (78) |
| Cash dividends paid | $(1,005)$ | (983) | (991) |
| Proceeds from issuance of common and treasury stock | 201 | 292 | 191 |
| Redemption of preferred stock | - | - | (190) |
| All other financing activities, net | 22 | 69 | 19 |
| Net cash provided by (used in) financing activities | $(2,606)$ | 3,610 | $(4,876)$ |
| Effect of exchange rate changes on cash and cash equivalents | 41 | (27) | 34 |
| Discontinued Operations: |  |  |  |
| Net cash provided by discontinued operations | 626 | 39 | 33 |
| Net increase (decrease) in cash and cash equivalents | 759 | 1,010 | $(4,088)$ |
| Cash and cash equivalents at beginning of year | 19,423 | 18,413 | 22,501 |
| Cash and cash equivalents at end of year | \$ 20,182 | \$ 19,423 | \$ 18,413 |
| Other cash flow disclosures from continuing operations: |  |  |  |
| Interest paid | \$ 4,664 | \$ 5,676 | \$ 9,207 |
| Income taxes paid | 1,239 | 1,089 | 487 |
| Noncash disclosure: |  |  |  |
| Loans transferred to other real estate owned | 396 | 414 | 162 |

The accompanying notes are an integral part of this statement.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Note 1 - Summary of Significant Accounting Policies

Bank One Corporation, along with its subsidiaries ("Bank One" or the "Corporation"), is a financial holding company that offers a full range of financial services to commercial and small business customers and consumers.

## (a) Basis of Presentation

The consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America. Certain prior-year financial statement information has been reclassified to conform to the current year's presentation. The preparation of the consolidated financial statements requires management to make estimates and assumptions that affect the amounts reported and disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

Certain assets and liabilities, primarily derivative assets and liabilities as well as resale and repurchase agreements, are reported on a net basis by counterparty if legally enforceable master netting arrangements are in place.

## (b) Principles of Consolidation

The Corporation's consolidated financial statements include all accounts of Bank One and all significant majority-owned subsidiaries (except for principal investment subsidiaries that are recorded at fair value in accordance with specialized industry accounting) and beginning December 31, 2003, variable interest entities for which the Corporation is deemed the primary beneficiary. Effective December 31, 2003, the Corporation adopted FASB Interpretation No. 46, "Consolidation of Variable Interest Entities" ("FIN No. 46"). FIN No. 46 requires that the Corporation evaluate each entity (excluding entities excluded from FIN No. 46 such as qualifying special purpose entities ("QSPEs") or investment companies governed by specialized industry accounting), in which it has a variable interest to determine whether that entity is a variable interest entity or a voting interest entity. A variable interest entity exists either when the entity does not have sufficient equity at risk or lacks any one of three characteristics normally associated with a controlling financial interest. If an entity is considered a variable interest entity, the Corporation assesses whether it should consolidate the entity as its primary beneficiary. The Corporation is considered the primary beneficiary when it has a variable interest that will absorb a majority of an entity's expected losses, receive a majority of an entity's expected residual returns, or both. If an entity is considered a voting interest entity, the Corporation assesses consolidation under SFAS No. 94, "Consolidation of All Majority-Owned Subsidiaries," and consolidates when it has a controlling financial interest indicated by a majority voting interest. All significant intercompany accounts and transactions have been eliminated. Results of operations of acquired entities are included from the acquisition date, and assets and liabilities are stated at their estimated fair values at the acquisition date.

The Corporation is also involved in SPEs as a transferor. As discussed above, the Corporation does not consolidate the transferred financial assets when the SPE to which the assets are transferred is a QSPE. QSPE status is achieved when all conditions specified in SFAS No. 140, "Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities ("SFAS No. 140") are met. Those conditions focus on whether the QSPE is demonstrably distinct from the Corporation, limited to only permitted activities, limited on what assets the QSPE may hold, and limited on sales or other disposition of assets. The Corporation has determined that the credit card trusts used for securitization are QSPEs and has obtained supporting legal opinions as applicable.

## (c) Resale and Repurchase Agreements

Securities purchased under resale agreements and securities sold under repurchase agreements are treated as collateralized financing transactions and carried at the amount at which the securities will be subsequently resold or repurchased, plus accrued interest.

## (d) Trading Activities

The Corporation's trading activities are primarily customer oriented. Securities bought and sold and held principally for short-term appreciation or other trading purposes and to protect credit deterioration in the loan portfolio are classified as trading assets and other short-term borrowings are recorded on a trade date basis at fair value. Derivative contracts entered into for trading and economic hedging purposes which do not qualify for hedge accounting are classified as derivative product assets and derivative product liabilities, as appropriate, as are derivitives that do qualify for hedge accounting (see (e) below). Trading income includes realized and unrealized gains and losses from trading positions, including interest income or expense on derivative instruments. Estimated fair values are based on quoted market prices or valuation models, which use observable market data. Trading activities involve instruments with interest rate, exchange rate, equity price, credit and commodity price risk.

## (e) Hedging Activities

Derivatives are recognized on the balance sheet at fair value as either derivative product assets or liabilities. For derivatives that qualify for hedge accounting, hedge ineffectiveness, if any, is calculated and recorded in noninterest income in current earnings. See "Derivative Financial Instruments" beginning on page 71 for detailed information on the Corporation's strategy in using derivative instruments in its asset and liability management and trading activities, as well as the accounting principles and disclosures for these instruments.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## f) Investment Securities

Debt and equity investment securities designated as available for sale are carried at fair value, with unrealized gains and losses, net of taxes, included in accumulated other adjustments to stockholders' equity. The estimated fair value of a security is determined based on market quotations when available or, if not available, by using a discounted cash flow approach. Realized gains and losses, including other than temporary impairments, are included in noninterest income as investment securities gains (losses). The specific identification method is used to calculate realized gains or losses.

Emerging Issues Task Force (EITF) Issue No. 99-20, "Recognition of Interest Income and Impairment on Purchased and Retained Beneficial Interests in Securitized Financial Assets ("EITF No. 99-20")," specifies an impairment test for low credit quality beneficial interests and securitized financial assets. For such beneficial interests, impairment must be recognized when there has been an adverse change in estimated cash flows and the asset's fair value is below its carrying value. The Corporation recognizes interest income based on the amount of the excess of estimated cash flows over the recorded investment in the securitized financial assets. Changes in estimated cash flows are recognized on a prospective basis. For certain beneficial interests where the estimated cash flows cannot be reliably estimated, the Corporation uses the cost recovery method. The beneficial interest is written down to the estimated amount recoverable, and cash payments received are recognized as a reduction of principal. The Corporation adopted EITF No. 99-20 effective April 1, 2001. The effect of adoption was a one-time, non-cash charge to earnings of $\$ 44$ million after-tax ( $\$ 69$ million pretax).

Principal investments are carried at fair value, with unrealized and realized gains and losses included in noninterest income as investment securities gains (losses). The fair value of a publicly traded principal investment is determined using quoted market prices when the investment is unrestricted; otherwise fair value is estimated using quoted market prices adjusted for market liquidity, position size and sale restrictions other than time. The fair value of principal investments that are not publicly traded is estimated based on the investees' financial results, conditions and prospects, values of comparable public companies, market liquidity and sales restrictions.

## (g) Equity and Cost Method Investments

The equity method of accounting is applied to investments that the Corporation has significant influence over, excluding principal investments, which typically represents ownership interests between $20-50 \%$ for investments in common stock or when ownership interests equal or exceed $3 \%$ for investments in limited partnerships. The equity method of accounting results in recognition of the Corporation's pro-rata share of investment income or loss in other noninterest income.

The cost method of accounting is applied to investments that the Corporation does not have a significant influence over, excluding principal investments, which typically represent ownership interests less than $20 \%$ for investments in common stock or when ownership interests are less than $3 \%$ for investments in limited partnerships. The cost method recognizes income when dividends are received. Equity and cost method investments are monitored for any other than temporary impairment.

## (h) Interests in Purchased Receivables

Interests in purchased receivables are carried at cost. These financial instruments are purchased in conjunction with the Corporation's asset-backed conduit business. The Corporation reviews the credit enhancement associated with each asset-backed transaction and the underlying specific characteristics of the obligors, obligor concentrations, historical payment and loss experience on a monthly basis. The Corporation has determined that, based upon the current level of credit protection specified in each transaction, primarily through overcollateralization and subordinated interests, no impairment reserves were required as of December 31, 2003. Arrangement fees received by the conduits related to the structuring of the underlying transactions with the seller are recorded in noninterest income as banking fees and commissions when received or over time to match the earnings process. For additional discussion of the Corporation's asset-backed conduit business and the related impact of FIN No. 46, see "Asset-Backed Finance Programs" beginning on page 74 .

## (i) Loans

Loans are recognized at the principal amount outstanding, net of unearned income and amounts charged off. The recorded investment in credit card loans also includes unpaid interest and fees. Unearned income includes deferred loan origination fees reduced by loan origination costs. Unearned income on loans, excluding credit card loans, is amortized to interest income over the life of the related loan using methods which approximate the effective interest rate method. Unearned income on credit card loans is typically amortized over one year using a straight-line method to noninterest income as credit card revenue.

Fees received for providing loan commitments and letters of credit that result in loans are typically deferred and amortized to interest income over the life of the related loan, beginning with the initial borrowing. Fees on commitments and letters of credit are amortized to noninterest income as banking fees and commissions over the commitment period when funding is not expected.

Other credit-related fees, including syndication management fees, are recorded to noninterest income as banking fees and commissions when received or over time to match the earnings process.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## (j) Lease Financing Receivables

The Corporation typically provides lease financing to its customers through direct financing leases. Leveraged leases, which represent direct financing leases involving nonrecourse debt, also are provided to customers. Unearned income on a direct financing lease is amortized to income over the lease term so as to yield a constant rate of return on the net investment in the lease. Periodic recognition of lease income on leveraged leases is based on an analysis of cash flows using the original investment less deferred taxes arising from the difference between the pretax financial accounting income and taxable income. Residual values of leased assets are reviewed at least annually with periodic reviews performed as warranted by the underlying circumstances. In the case of automobiles, valuations are based upon various assumptions and estimates including the probability of the automobile being returned to the Corporation, estimated costs incurred to reduce the number of returned automobiles from the customer, estimated collectable fees for mileage and other wear and tear, reconditioning costs, and estimated used car sales prices. Declines in estimated residual values that are other than temporary are recognized in the period such determination is made in other noninterest income.

## (k) Loan Sales and Securitizations

Loans held for sale are carried at the lower of cost or market value. When a loan is sold or transferred to held for sale, the loan's carrying value is compared to its fair value and any shortfall in value that is determined to be credit related is recorded as a charge-off, reducing the allowance for loan losses. Any shortfall in fair value other than credit related is recorded as a charge to noninterest income as other income. All subsequent net declines in market value of loans held for sale are also recorded to other income.

With consumer loan portfolio sales, the allocable portion of the allowance for loan losses adjusts the carrying value of the loan portfolio. The difference between the portfolio's carrying value adjusted for the allocable allowance for loan losses and the net sales proceeds is also recorded as other income.

The Corporation records a transfer of financial assets as a sale when it surrenders control over those financial assets to the extent that consideration other than beneficial interests in the transferred assets is received in exchange. The Corporation considers control surrendered when all conditions prescribed by SFAS No. 140 are met. Those conditions focus on whether the transferred financial assets are isolated beyond the reach of the Corporation and its creditors, the constraints on the transferee or beneficial interest holders, and the Corporation's rights or obligations to reacquire transferred financial assets. As appropriate, the Corporation obtains legal opinions supporting the conclusion that transferred financial assets are isolated beyond the reach of the Corporation and its creditors.

## (I) Nonperforming Loans

A loan is considered nonperforming when placed on nonaccrual status, or when renegotiated at terms that represent an economic concession to the borrower because of a decline in the borrower's financial condition. For a more detailed discussion, see the
"Nonperforming Assets" section beginning on page 65. The Corporation’s chargeoff policies are presented on page 66.
(m) Allowance for Credit Losses

The allowance for credit losses is comprised of an allowance for loan losses and a reserve for unfunded commitments and standby letters of credit. Management maintains the allowance for credit losses at a level it believes is adequate to provide for estimated probable credit losses inherent in on- and off-balance sheet credit exposure, respectively. For a more detailed discussion, see the "Allowance for Loan and Credit Losses" section beginning on page 67.
(n) Premises and Equipment

Premises and equipment are carried at cost less accumulated depreciation and amortization. Depreciation and amortization are computed using the straight-line method over the estimated useful life of the owned asset and, for leasehold improvements, over the lesser of the remaining term of the leased facility or the estimated economic life of the improvement. For owned and capitalized assets, estimated useful lives range from three to 30 years. Maintenance and repairs are charged to expense as incurred, while major improvements are capitalized and amortized to operating expense over the identified useful life.
(o) Goodwill and Other Intangible Assets

In accordance with SFAS No. 142, "Goodwill and Other Intangible Assets" ("SFAS No. 142"), goodwill and intangible assets with indefinite lives are no longer amortized, but are subject to impairment tests at least annually on a reporting entity basis. Intangible assets with finite lives continue to be amortized over the period the Corporation expects to benefit from such assets and are periodically reviewed for other than temporary impairment.

## (p) Other Real Estate Owned ("OREO")

OREO includes real estate assets that have been received in satisfaction of debt. OREO is initially recorded and subsequently carried at the lower of cost or fair value less estimated selling costs. Any valuation adjustments required at the date of transfer are charged to the allowance for loan losses. Subsequently, unrealized and realized gains and losses on sale are included in noninterest income as other income. Operating results from OREO are recorded in noninterest expense as other expense.

## (q) Insurance Policy and Claims Reserves

Insurance policy and claims reserves for the insurance business acquired were initially recognized in purchase accounting at fair value. Fair value was determined based on a number of assumptions including mortality, morbidity, expenses, persistency and interest rates (ranging from $3.0 \%$ to $6.2 \%$ with a weighted average of $4.6 \%$ for life insurance products and ranging from $2.5 \%$ to $6.5 \%$ with a weighted average of $4.3 \%$ for annuity products). On an on-going basis, the carrying value of the liabilities is adjusted for actual experience, with these changes reported in noninterest expense.

For new contracts written, annuity, universal life and deposit liabilities are increased by deposits received and interest credited and are reduced by withdrawals, mortality charges and administrative expenses charged to contract holders. Annuity contract liabilities in the payout phase reflect lapse, withdrawal and inter-

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

est rate assumptions (ranging from $2.75 \%$ to $4.30 \%$ with a weighted average of 4.00\%), based on contract terms and the Corporation's experience.

For new policies written, traditional life insurance liabilities represent the present value of future benefits to be paid to or on the behalf of policyholders adjusted for related expenses and the present value of future net premiums. These liabilities are calculated using assumptions such as mortality, morbidity, expenses, persistency and interest rates, including a provision for unfavorable deviation. The assumptions are regularly reviewed, compared to actual experience and revised, as appropriate. Changes in traditional life insurance reserves are included in noninterest expense in the period of change.

Insurance policy and claims reserves consisted of the following:

| At December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | ---: | ---: |
| (In millions) |  |  |
| Annuity and deposit contracts | $\mathbf{\$ 4 , 7 4 8}$ | $\$ 135$ |
| Life insurance policies | $\mathbf{1 , 9 2 3}$ | 40 |
| Other | $\mathbf{4 2}$ | 51 |
| Total | $\mathbf{\$ 6 , 7 1 3}$ | $\mathbf{\$ 2 2 6}$ |

## (r) Insurance Revenues

The Corporation recognizes fee revenue for issuing and administering annuity and other investment-type contracts, based on contractual terms, when earned. Insurance premiums from long-duration contracts, principally life insurance, are recognized when due from policyholders. Premiums from short-duration insurance contracts are recognized over the contract term.

Deferred policy acquisition costs ("DAC"), included in other assets, represent the cost to acquire new insurance business, principally commissions as well as underwriting and agency costs. For traditional life insurance products, DAC is amortized over the premium-paying periods of the related policies. For annuity, universal life and deposit contracts, DAC is amortized ratably over the present value of the estimated gross profits of the related policies.

The Corporation reinsures a portion of its insurance risk to third party reinsurers. Reinsurance recoverable, in the amount of $\$ 876$ million, is included in the insurance policy and claims reserves balance above and also reflected in other assets, in accordance with SFAS No. 113, "Accounting and Reporting for Reinsurance of Short-Duration and Long-Duration Contracts."

## (s) Separate Accounts

Separate account assets and liabilities represent funds maintained in accounts to meet specific investment objectives of contract holders who bear the investment risk. Separate account assets and liabilities reinsured from Zurich Financial Services Group are carried at fair value and presented on a net basis on the Corporation's balance sheet, in accordance with FASB Interpretation No. 39, "Offsetting of Amounts Related to Certain Contracts (An interpretation of APB Opinion No. 10 and FASB Statement No. 105)" ("FIN No. 39"), as applicable netting criteria are met. Separate account assets and liabilities related to new business generated will
be carried at fair value and presented on the Corporation's balance sheet on a gross basis. Net income (loss) accrues to, or is borne, by the contract holders and is excluded from the Corporation's earnings. The Corporation recognizes fee income for administering separate accounts, when services are performed.

## (t) Credit Card Award Programs

Costs associated with credit card award programs are accounted for on an accrual basis, and are charged against credit card revenue in the period in which the related benefits are earned by customers. See page 42 for a discussion of risks and uncertainty associated with an award program.

## (u) Stock Options

Effective January 1, 2002, the Corporation adopted the fair value recognition provisions of SFAS No. 123, "Accounting for Stock-Based Compensation" ("SFAS No. 123"), as amended by SFAS No. 148, "Accounting for Stock-Based Compensation - - Transition and Disclosure, an amendment to FASB Statement No. 123" ("SFAS No. 148"), and selected the prospective method of transition and began recognizing compensation expense based on the fair value method on newly granted stock awards. Under this method, compensation cost is measured at the grant date based on the fair value of the award and is recognized as expense over the vesting period of the grant. Pursuant to the requirements of SFAS No. 123, as amended by SFAS No. 148, options granted prior to January 1, 2002, continue to be accounted for under APB Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB No. 25"). Under APB No. 25, no compensation expense is recognized when the exercise price is greater than or equal to the market price of the underlying common stock on the date of grant.

## (v) Income Taxes

Deferred tax assets and liabilities are determined based on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and their related tax bases and are measured using the enacted tax rates and laws that are currently in effect. The effect on deferred tax assets and liabilities of a change in rates is recognized as income or expense in the period in which the change occurs.

## (w) Cash Flow Reporting

Cash and cash equivalents consist of cash and due from banks, whether interestbearing or not. Net reporting of cash transactions has been used when the balance sheet items consist predominantly of maturities of three months or less, or where otherwise permitted. Other items are reported on a gross basis.
(x) New and Pending Accounting Pronouncements

The Corporation adopted in 2003 the following new accounting pronouncements and will adopt in 2004 the following pending accounting pronouncements.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Costs Associated with Exit or Disposal Activities

Effective January 1, 2003, the Corporation adopted SFAS No. 146, "Accounting for Costs Associated with Exit or Disposal Activities" ("SFAS No. 146") which supercedes EITF No. 94-3, "Liability Recognition for Certain Employee Termination Benefits and Other Costs to Exit an Activity (including Certain Costs Incurred in a Restructuring)" for exit or disposal activities initiated after December 31, 2002. SFAS No. 146 requires that a liability for costs associated with an exit or disposal activity be recognized when the liability is incurred rather than when a company commits to such an activity. SFAS No. 146 also establishes fair value as the objective for initial measurement of the liability. The impact of adoption was not material to the Corporation's results of operations, financial position or cash flows.

## Accounting and Disclosure Requirements for Guarantees

Effective December 31, 2002, the Corporation adopted the disclosure provisions of FASB Interpretation No. 45, "Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others" ("FIN No. 45"), which required additional disclosures by a guarantor about its obligations under certain guarantees that it has issued. Effective January 1, 2003, the Corporation adopted the accounting provisions of FIN No. 45, which also clarifies that a guarantor is required to recognize, at the inception of a guarantee, a liability for the fair value of the obligation undertaken in issuing the guarantee. The most significant instruments impacted for the Corporation are financial and performance standby letters of credit. The required FIN No. 45 disclosures have been incorporated into Note 23, "Financial Instruments with Off-Balance Sheet Risk," that appears beginning on page 104. The impact of adoption was not material to the Corporation's results of operations, financial position or cash flows.

## Consolidation of Variable Interest Entities

In December 2003, the FASB issued Interpretation No. 46 (Revised), "Consolidation of Variable Interest Entities" ("FIN No. 46R"), which provides further guidance on the accounting for variable interest entities. As permitted by FIN No. 46R, and described in (b) above, the Corporation applied the provisions of FIN No. 46 as of December 31, 2003. The Corporation consolidated $\$ 39.6$ billion of assets and liabilities as a result of implementing FIN No. 46 related to its assetbacked conduit business and an investment vehicle. The Corporation will adopt the provisions of FIN No. 46R in the first quarter 2004. The Corporation does not expect the impact of the adoption of FIN No. 46R in the first quarter 2004 to be significant. See Note 14
"Long-Term Debt," beginning on page 95. For additional discussion of the Corporation's asset-backed conduit business and the related impact of FIN No. 46, see "Asset-Backed Finance Programs" beginning on page 74.

The Corporation's retained interest in its credit card securitizations and its investments in commercial mortgage-backed securities will not be consolidated since both transaction structures are exempt from the requirements of FIN No. 46 and FIN No. 46R.

## Derivative Instruments and Hedging Activities

In April 2003, the FASB issued SFAS No. 149, "Amendment of Statement 133 on Derivative Instruments and Hedging Activities" ("SFAS No. 149"). SFAS No. 149 amends and clarifies financial accounting and reporting for derivative instruments, including certain derivative instruments embedded in other contracts and for hedging activities under FASB Statement No. 133, "Accounting for Derivative Instruments and Hedging Activities." The Corporation adopted SFAS No. 149 effective July 1, 2003. The impact of adoption was not material to the Corporation's results of operations, financial position or cash flows.

Accounting and Reporting for Certain Long-Duration Contracts and Separate Accounts

In 2003, the American Institute of Certified Public Accountants ("AICPA") issued Statement of Position 03-1, "Accounting and Reporting by Insurance Enterprises for Certain Nontraditional Long-Duration Contracts and for Separate Accounts," ("SOP $03-1$ ") which provides guidance on accounting and reporting by insurance enterprises for certain nontraditional long-duration contracts and for separate accounts. The SOP 03-1 clarifies, among other things, the definition and accounting for separate accounts, contractholder funds and requires companies to distinguish between insurance contracts and investment contracts based on the amount of mortality or morbidity risks inherent in the contract. For contracts classified as insurance contracts that contain death or other insurance benefit features, a liability in excess of the account balance must be established to reflect the benefits expected to be paid in future periods. Reinsurers of such risks should also establish an equivalent liability.

The SOP 03-1 is effective for fiscal years beginning after December 15, 2003, with earlier application encouraged. The Corporation will apply the provisions of SOP 03-1 as of January 1, 2004, through a cumulative change in accounting principle recorded in earnings. Based on information as of December 31, 2003, the expected impact of SOP $03-1$ is not material to the Corporation's results of operations, financial position or cash flows.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Accounting for Certain Financial Instruments with Characteristics of Both Liabilities and Equity

In May 2003, the FASB issued SFAS No. 150, "Accounting for Certain Financial Instruments with Characteristics of Both Liabilities and Equity" ("SFAS No. 150"). SFAS No. 150 modifies the accounting for certain financial instruments with characteristics of both liabilities and equity. The Corporation adopted SFAS No. 150 effective July 1, 2003. Previously, guaranteed preferred beneficial interests in the Corporation's junior subordinated debt were classified as a separate liability, with distributions on these securities included in interest expense on
long-term debt. Under SFAS No. 150, guaranteed preferred beneficial interest is included as a component of long-term debt, with no change in the reporting of distributions.

## Note 2 - Earnings Per Share

Basic EPS is computed by dividing income available to common stockholders by the average number of common shares outstanding for the period. Except when the effect would be antidilutive, the diluted EPS calculation includes shares that could be issued under outstanding stock options and the employee stock purchase plans.

The computation of basic and diluted earnings per share follows:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions, except per share data) |  |  |  |
| Income from continuing operations before cumulative effect of change in accounting principle, net of taxes | \$3,125 | \$3,256 | \$2,649 |
| Income from discontinued operations, net of taxes of \$233, \$22, \$19 | 410 | 39 | 33 |
| Cumulative effect of change in accounting principle, net of taxes of (\$25) | - | - | (44) |
| Net income | 3,535 | 3,295 | 2,638 |
| Preferred stock dividends | - | - | (10) |
| Net income available to common stockholders for basic and diluted EPS | \$3,535 | \$3,295 | \$2,628 |
| Average shares outstanding | 1,126 | 1,162 | 1,166 |
| Dilutive effect of stock options | 9 | 10 | 8 |
| Average shares outstanding assuming full dilution | 1,135 | 1,172 | 1,174 |
| Basic earnings per share |  |  |  |
| Income from continuing operations | \$ 2.78 | \$ 2.80 | \$ 2.25 |
| Income from discontinued operations | 0.36 | 0.03 | 0.03 |
| Cumulative effect of change in accounting principle | - | - | (0.03) |
| Net income | \$ 3.14 | \$ 2.83 | \$ 2.25 |
| Diluted earnings per share |  |  |  |
| Income from continuing operations | \$ 2.75 | \$ 2.77 | \$ 2.25 |
| Income from discontinued operations | 0.36 | 0.03 | 0.03 |
| Cumulative effect of change in accounting principle | - | - | (0.04) |
| Net income | \$ 3.11 | \$ 2.80 | \$ 2.24 |

## Note 3 - Acquisitions

In the fourth quarter 2003, the Corporation purchased Security Capital Research \& Management Incorporated, a recognized expert in developing real estate investment products, with approximately $\$ 3.9$ billion in assets under management.

Effective September 1, 2003, the Corporation acquired for cash, key business components of Zurich Life, a U.S. life and annuity operation of Zurich Financial Services Group.

Zurich Life, based in Schaumburg, Illinois, is a leading underwriter of term life insurance serving consumers through both a national network of licensed brokers/insurance agents and the direct marketing platform of its Zurich Direct agency. It is also a significant underwriter of fixed and variable annuities, with a recognized expertise in the teachers' annuity market. Zurich Life has regulatory and operating insurance authority in all 50 states. The acquisition expands the Corporation's existing insurance product offering.

The Corporation recorded the Zurich Life assets acquired and liabilities assumed, including insurance policy and claims reserves, at fair value. The Corporation acquired total assets of approximately $\$ 6.7$ billion, consisting primarily of fixed income investment securities, and $\$ 6.3$ billion of insurance policy and claims reserves, and recorded approximately $\$ 116$ million in goodwill. In conjunction with the acquisition, the Corporation reinsured separate accounts of the seller, Zurich Financial Services Group, that are netted in the Corporation’s balance sheet in accordance with FIN No. 39

On July 27, 2001, the Corporation completed its acquisition of the Wachovia credit card business, including a credit card portfolio of approximately $\$ 7.5$ billion consumer credit card receivables. The acquisition was accounted for under the provisions of SFAS No. 141 and SFAS No. 142. The first component of the transaction was the primary portfolio of $\$ 6.2$ billion in receivables of credit card holders who are not customers of Wachovia's retail bank. The second component was the agent bank portfolio comprised of credit card holders that were retail customers of Wachovia of $\$ 1.3$ billion. Wachovia retained the right to purchase the agent bank receivables under certain conditions.

Subsequently in 2001, the Corporation ended the agent bank relationship and sold back to Wachovia the approximately $\$ 1.3$ billion of consumer credit card receivables of customers who also have a Wachovia retail banking relationship. Wachovia paid a $\$ 350$ million termination fee and reimbursed the Corporation for the premium paid on the repurchased receivables and conversion costs related to the repurchase. The Corporation accounted for these amounts received from Wachovia as a reduction of acquisition intangibles.

## Note 4 - Discontinued Operations

On November 14, 2003, the Corporation sold its corporate trust services business to JPMorgan Chase for approximately $\$ 720$ million and recorded a gain of $\$ 380$ million, net of taxes, from discontinued operations. The sale included the corporate, municipal, structured finance and escrow businesses as well as the document custody and London corporate trust operations. Approximately 10\% of the sales price remains unpaid because it is contingent upon business retention. As part of the sale, the Corporation has agreed to indemnify, subject to certain limitations, JPMorgan Chase for losses, liabilities or obligations relating in any manner to, or arising from the corporate trust services business, or any corporate trust agreement to the extent such losses arose or were incurred prior to the sale date or resulted from the operation of the corporate trust services business prior to closing. Accordingly, the Corporation recorded a reserve for those potential losses. As discussed in Note 32, "Subsequent Events," on page 111, on January 14, 2004, the Corporation announced an agreement to merge with JPMorgan Chase.

The Corporation began reporting the results of the corporate trust services business in the Corporation's consolidated income statements and consolidated statements of cash flows separately as discontinued operations following the July 23, 2003, agreement to sell. In addition, the results of these discontinued operations were transferred from the Investment Management Group to the Corporate line of business.

The following is summarized financial information for discontinued operations:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :--- | ---: | ---: | ---: |
| (In millions) |  |  |  |
| Total revenues | $\mathbf{\$ 7 3 0}$ | $\$ 131$ | $\$ 114$ |
| Total expenses (excluding taxes) | $\mathbf{8 7}$ | 70 | 62 |
| Pretax income | $\mathbf{\$ 6 4 3}$ | $\$ 61$ | $\$ 52$ |
| Income from discontinued operations, net of tax | $\mathbf{\$ 4 1 0}$ | $\$ 39$ | $\$ 33$ |
| Total assets | $\mathbf{\$ 7 2}$ | $\$ 84$ | $\$ 239$ |

## Note 5 - Restructuring-Related Activity

Actions under the fourth quarter 2001 and the second quarter 2000 restructuring plans have been completed with only payments of identified obligations remaining, which consist primarily of lease obligations. Unpaid amounts totaled $\$ 62$ million and $\$ 35$ million for these plans, respectively, as of December 31, 2003, and will be paid as required over the remaining contractual obligation periods.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Note 6 - Business Segments

The information below is consistent with the content of business segment data provided to the Corporation's management, which does not use product group revenues to assess consolidated results. Aside from investment management and insurance products, product offerings are tailored to specific customer segments. As a result, the aggregation of product revenues and related profit measures across lines of business is not available.

Aside from the United States of America, no single country or geographic region generates a significant portion of the Corporation's revenues or assets. In addition, there are no single customer concentrations of revenue or profitability.

For additional disclosures regarding the Corporation's segments see the "Business Segment Results and Other Data" section beginning on page 34.

The following table summarizes certain financial information by line of business for the years indicated:

| For the Year Ended December 31, | Total revenues from continuing operations FTE (1) |  |  |  |  |  | Income taxes provision (benefit) for continuing operations(1) |  |  |  |  |  | Income (loss) from continuing operations |  |  |  |  |  | Total assets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2003 |  | 2002 |  | 2001 |  | 2003 |  | 2002 |  | 2001 |  | 2003 |  | 2002 |  | 2001 | 2003 | 2002 | 2001 |
| (In millions, except identifiable assets in billions) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retail | \$ | 6,303 | \$ | 6,073 | \$ | 5,837 | \$ | 897 | \$ | 847 | \$ | 639 | \$ | 1,558 | \$ | 1,451 | \$ | 1,046 | \$ 58,772 | \$ 56,007 | \$ 51,939 |
| Commercial Banking |  | 4,014 |  | 4,111 |  | 4,347 |  | 464 |  | 162 |  | 251 |  | 1,197 |  | 617 |  | 700 | 136,812 | 94,260 | 101,186 |
| Card Services |  | 4,938 |  | 4,864 |  | 4,021 |  | 723 |  | 741 |  | 542 |  | 1,159 |  | 1,166 |  | 907 | 44,792 | 45,391 | 35,385 |
| Investment Management |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Corporate (2) |  | (361) |  | 534 |  | 377 |  | (860) |  | (351) |  | (377) |  | $(1,134)$ |  | (302) |  | (297) | 70,348 | 73,836 | 72,640 |
| Total before cumulative effect of change in accounting principle |  | 16,374 |  | 16,880 |  | 15,879 |  | 1,427 |  | 1,591 |  | 1,230 |  | 3,125 |  | 3,256 |  | 2,649 | 326,563 | 277,985 | 269,507 |
| Cumulative effect of change in accounting principle, net of taxes (\$25) |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | (44) | - | - | - |
| Total | \$ | 16,374 | \$ | 16,880 | \$ | 15,879 | \$ | 1,427 | \$ | 1,591 | \$ | 1,230 | \$ | 3,125 | \$ | 3,256 | \$ | 2,605 | \$326,563 | \$277,985 | \$269,507 |
| (1) Revenue and provision (benefit) for income tax includes taxable equivalent adjustments of \$162 million, \$145 million and \$131 million for the years ended December 31, 2003, 2002 and 2001, respectively |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Amounts presented are |  | uing op | tions | Refer to | te 4, | 4, "Disco |  | erations," | on pa | ge 88 for | form | ation relat | to | corporate | S | es. |  |  |  |  |  |

## Note 7 - Interest Income and Interest Expense

Details of interest income and expense were as follows:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Interest Income |  |  |  |
| Loans, including fees (1) | \$ 8,828 | \$ 9,947 | \$13,213 |
| Bank balances | 32 | 10 | 98 |
| Federal funds sold and securities under resale agreements | 156 | 159 | 418 |
| Trading assets | 366 | 256 | 309 |
| Investment securities | 3,279 | 3,515 | 3,219 |
| Total interest income | 12,661 | 13,887 | 17,257 |
| Interest Expense |  |  |  |
| Deposits (1) | 2,032 | 2,711 | 4,881 |
| Federal funds purchased and securities sold under repurchase agreements | 270 | 271 | 633 |
| Other short-term borrowings | 341 | 262 | 659 |
| Long-term debt | 1,869 | 2,088 | 2,479 |
| Total interest expense | 4,512 | 5,332 | 8,652 |
| Net Interest Income | 8,149 | 8,555 | 8,605 |
| Provision for credit losses | 2,045 | 2,487 | 2,510 |
| Net Interest Income After Provision for Credit Losses | \$ 6,104 | \$ 6,068 | \$ 6,095 |

(1) Prior period amounts have been reclassified to conform to the current year presentation.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 8 - Investment Securities
A summary of the Corporation's investment portfolio follows:

| At December 31, 2003 | Amortized Cost | Gross Unrealized Gains | Gross <br> Unrealized Losses | Fair Value (Book Value) |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |
| U.S. Treasury | \$ 5,606 | \$ 28 | \$ 30 | \$ 5,604 |
| U.S. government agencies | 31,228 | 330 | 40 | 31,518 |
| States and political subdivisions | 1,262 | 59 | 9 | 1,312 |
| Retained interests in securitized credit card receivables (1) | 26,626 | 179 | - | 26,805 |
| Other debt securities | 12,734 | 181 | 16 | 12,899 |
| Equity securities (1) | 4,252 | 5 | 7 | 4,250 |
| Total available for sale securities | \$81,708 | \$782 | \$102 | 82,388 |
| Principal and other investments (2) |  |  |  | 2,563 |
| Total investment securities |  |  |  | \$84,951 |
|  |  | Gross | Gross | Fair |
|  | Amortized | Unrealized | Unrealized | Value |
| At December 31, 2002 | Cost | Gains | Losses | (Book Value) |
| (In millions) |  |  |  |  |
| U.S. Treasury | \$ 1,310 | \$ 25 | \$- | \$ 1,335 |
| U.S. government agencies | 26,419 | 635 | 14 | 27,040 |
| States and political subdivisions | 1,116 | 54 | 1 | 1,169 |
| Retained interests in securitized credit card receivables (1) | 28,202 | 147 | - | 28,349 |
| Other debt securities | 4,719 | 40 | 14 | 4,745 |
| Equity securities (1) | 3,406 | 4 | 1 | 3,409 |
| Total available for sale securities | \$65,172 | \$905 | \$30 | 66,047 |
| Principal and other investments (2) |  |  |  | 1,596 |
| Total investment securities |  |  |  | \$67,643 |
|  |  | Gross | Gross | Fair |
|  | Amortized | Unrealized | Unrealized | Value |
| At December 31, 2001 | Cost | Gains | Losses | (Book Value) |
| (In millions) |  |  |  |  |
| U.S. Treasury | \$ 1,424 | \$ 30 | \$ 4 | \$ 1,450 |
| U.S. government agencies | 25,265 | 113 | 132 | 25,246 |
| States and political subdivisions | 1,310 | 28 | 8 | 1,330 |
| Retained interests in securitized credit card receivables (1) | 23,998 | 107 | - | 24,105 |
| Other debt securities | 4,397 | 24 | 18 | 4,403 |
| Equity securities (1) | 2,775 | 10 | 15 | 2,770 |
| Total available for sale securities | \$59,169 | \$312 | \$177 | 59,304 |
| Principal and other investments (2) |  |  |  | 1,579 |
| Total investment securities |  |  |  | \$60,883 |
| (1) The fair values of certain securities for which market quotations were not available were estimated. |  |  |  |  |
| (2) The fair values of certain securities reflect liquidity adjustments a | accounted for a | consistent with s | industry practic |  |

The following is a summary of the fair value of securities with unrealized losses and an aging of those unrealized losses:

| At December 31, 2003 | Less than 12 months |  | 12 months or more |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Unrealized | Fair Value | Unrealized losses | Fair Value | Unrealized |
| U.S. Treasury | \$ 3,054 | \$30 | \$ 3 | \$- | \$ 3,057 | \$ 30 |
| U.S. government agencies | 9,239 | 40 | 18 | - | 9,257 | 40 |
| States and political subdivisions | 178 | 9 | - | - | 178 | 9 |
| Other debt securities | 1,278 | 9 | 474 | 7 | 1,752 | 16 |
| Equity securities (1) | 153 | 7 | - | - | 153 | 7 |
| Total temporarily impaired securities | \$13,902 | \$95 | \$495 | \$ 7 | \$14,397 | \$102 |

[^1]As of December 31, 2003, an other-than-temporary impairment adjustment of $\$ 80$ million was recorded on securities in the investment portfolio. The majority of unrealized losses in the portfolio resulted from increases in market interest rates and not from deterioration in the creditworthiness of the issuer. The total number of security positions in the investment portfolio that were in an unrealized loss position at December 31, 2003 is 1,064 .

For the year ended December 31, 2003, gross recognized gains and losses on available-for-sale investment securities were $\$ 472$ million and $\$ 661$ million, respectively. For the year ended December 31, 2002, gross recognized gains and losses on available-for-sale investment securities were $\$ 1.0$ billion and $\$ 583$ million, respectively. For the years ended December 31, 2003 and 2002, net recognized gains (losses) on principal investments were $\$ 330$ million and $\$(426)$ million, respectively.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Available-for-sale debt securities had the following maturity and yield characteristics:

| At December 31, 2003 | $\begin{aligned} & \text { Due in } 1 \text { year } \\ & \text { or less } \end{aligned}$ |  | Due in 1 year through 5 years |  | Due in 5 years through 10 years |  | Due after 10 years |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized |  | Amortized |  | Amortized |  | Amortized |  | Amortized |  |
|  | Cost | Yield | Cost | Yield | Cost | Yield | Cost | Yield | Cost | Yield |
| (Dollars in millions) |  |  |  |  |  |  |  |  |  |  |
| U.S. Treasury | \$ 313 | 3.89\% | \$ 265 | 1.20\% | \$ 4,269 | 2.20\% | \$ 759 | 2.91\% | \$ 5,606 | 2.34\% |
| U.S. government agencies | 55 | 3.53 | 307 | 4.24 | 646 | 4.05 | 30,220 | 5.08 | 31,228 | 5.05 |
| States and political subdivisions | 78 | 5.07 | 217 | 4.82 | 340 | 4.43 | 627 | 4.73 | 1,262 | 4.69 |
| Other debt securities | 7,667 | 6.23 | 23,106 | 5.95 | 4,781 | 3.46 | 3,806 | 2.87 | 39,360 | 5.40 |
| Total debt securities - -at amortized cost | 8,113 | 6.11 | 23,895 | 5.87 | 10,036 | 2.99 | 35,412 | 4.79 | 77,456 | 5.03 |
| Total debt securities --at fair value | \$8,173 |  | \$24,094 |  | \$10,119 |  | \$35,752 |  | \$78,138 |  |

The distribution of mortgage-backed securities and collateralized mortgage obligations is based on average expected maturities. Actual maturities could differ as issuers may have the right to call or prepay obligations.

## Note 9 - Trading Assets and Liabilities

The fair values of the components of trading assets and liabilities at December 31, 2003 and 2002 were:

| (In millions) | 2003 | 2002 |
| :---: | :---: | :---: |
| Trading account assets: |  |  |
| U.S. government \& agency securities | \$ 4,514 | \$3,058 |
| Municipal securities | 156 | 326 |
| Corporate and other securities (1) | 2,193 | 534 |
| Mortgage-backed securities (2) | 1,431 | 917 |
| Asset-backed securities | 812 | 725 |
| Commercial paper | 627 | 441 |
| Equity securities | 1,508 | 806 |
| Other securities (3) | 343 | 382 |
| Total trading account assets | \$11,584 | \$7,190 |
| Trading account liabilities: |  |  |
| U.S. government \& agency securities | \$ 2,069 | \$ 946 |
| Corporate and other securities (1) | 751 | 350 |
| Mortgage-backed securities (2) | 472 | 348 |
| Other securities (3) | 326 | 313 |
| Total trading account liabilities | \$ 3,618 | \$1,957 |

(1) Includes high yield securities and convertible securities
(2) Includes collateralized mortgage obligations and commercial mortgage-backed securities.
(3) Includes certain investment in mutual funds.

Net unrealized trading gains for the year ended December 31, 2003 related to trading assets and liabilities still held at the reporting date were $\$ 104.6$ million.

## Note 10 - Loans

Loan composition by line of business was as follows:

| At December 31, | 2003 | 2002 |
| :---: | :---: | :---: |
| (In millions) |  |  |
| Retail: |  |  |
| Small business commercial | \$ 10,216 | \$ 9,921 |
| Home equity | 26,432 | 20,853 |
| Vehicle | 13,571 | 14,661 |
| Other personal | 6,016 | 6,869 |
| Total Retail | 56,235 | 52,304 |
| Commercial Banking: |  |  |
| Corporate banking: |  |  |
| Commercial and industrial | 13,213 | 17,866 |
| Commercial real estate | 8,818 | 8,321 |
| Lease financing | 4,151 | 4,358 |
| Other | 941 | 1,014 |
| Total corporate banking | 27,123 | 31,559 |
| Middle market: |  |  |
| Commercial and industrial | 23,675 | 26,983 |
| Commercial real estate | 1,993 | 2,318 |
| Lease financing | 820 | 1,008 |
| Other | 141 | 27 |
| Total middle market | 26,629 | 30,336 |
| Total Commercial Banking | 53,752 | 61,895 |
| Card Services | 12,035 | 11,581 |
| Investment Management Group | 7,380 | 6,942 |
| Corporate | 8,745 | 15,403 |
| Total loans | 138,147 | 148,125 |
| Less: Allowance for loan losses | 3,472 | 3,923 |
| Total loans, net | \$134,675 | \$144,202 |

Loans are net of unearned income of $\$ 1.7$ billion and $\$ 2.3$ billion as of December 31, 2003, and 2002, respectively. Loans held for sale, which are carried at the lower of cost or market value, totaled $\$ 12.0$ billion and $\$ 6.9$ billion at December 31, 2003, and 2002, respectively.

The Corporation's primary goal in managing credit risk is to minimize the impact of default by an individual borrower or group of borrowers. As a result, the Corporation strives to maintain a loan portfolio that is diverse in terms of loan type, industry, borrower and geographic concentrations. As of December 31, 2003, and 2002, there were no significant loan concentrations with any single borrower, industry or geographic segment (see "Credit Portfolio Composition" beginning on page 62).

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

A loan is considered impaired when it is probable that all principal and interest amounts due will not be collected in accordance with the loan's contractual terms. Certain loans, such as loans carried at the lower of cost or fair value or smallbalance homogeneous loans (e.g., credit card, home mortgages and installment credit) are exempt from impairment determinations for disclosure purposes. Impaired loans, accordingly, exclude commercial nonaccrual loans that are held for sale and consumer loans classified as nonaccrual. These loans totaled $\$ 829$ million and $\$ 1.1$ billion at December 31, 2003, and 2002, respectively.

Impairment is recognized to the extent that the recorded investment of an impaired loan exceeds its value either based on the loan's underlying collateral or the calculated present value of projected cash flows discounted at the contractual interest rate. Loans having a significant recorded investment are measured on an individual basis, while loans not having a significant recorded investment are grouped and measured on a pool basis.

The Corporation's impaired loan information was as follows:

| At December 31, |
| :--- |
| (In millions) |
| Impaired loans with related allowance |
| Impaired loans with no related allowance (1) |

## Maturity Distribution and Interest Rate Sensitivity of Loans

A distribution of the maturity of loans by line of business and, for those loans due after one year, a breakdown between those loans that have floating interest rates and those that have predetermined interest rates follows:

| At December 31, 2003 | One Year or Less | One to Five Years | Over Five Years | Total |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |
| Retail: |  |  |  |  |
| Small business commercial | \$ 3,252 | \$ 4,318 | \$ 2,646 | \$ 10,216 |
| Home equity | 401 | 688 | 25,343 | 26,432 |
| Vehicle | 287 | 9,056 | 4,228 | 13,571 |
| Other personal | 1,055 | 474 | 4,487 | 6,016 |
| Total Retail | 4,995 | 14,536 | 36,704 | 56,235 |
| Commercial Banking: |  |  |  |  |
| Corporate banking: |  |  |  |  |
| Commercial and industrial | 3,607 | 7,580 | 2,026 | 13,213 |
| Commercial real estate | 4,766 | 4,007 | 45 | 8,818 |
| Lease financing | 200 | 374 | 3,577 | 4,151 |
| Other | 941 | - | - | 941 |
| Middle market: |  |  |  |  |
| Commercial and industrial | 14,633 | 7,868 | 1,174 | 23,675 |
| Commercial real estate | 986 | 879 | 128 | 1,993 |
| Lease financing | 61 | 489 | 270 | 820 |
| Other | 141 | - | - | 141 |
| Total Commercial Banking | 25,335 | 21,197 | 7,220 | 53,752 |
| Card Services | 12,035 | - | - | 12,035 |
| Investment Management Group | 982 | 3,281 | 3,117 | 7,380 |
| Corporate | 1,205 | 1,192 | 6,348 | 8,745 |
| Total | \$44,552 | \$40,206 | \$53,389 | \$138,147 |
| Loans with floating interest rates |  | \$21,092 | \$19,926 | \$ 41,018 |
| Loans with predetermined interest rates |  | 19,114 | 33,463 | 52,577 |
| Total |  | \$40,206 | \$53,389 | \$ 93,595 |

## Foreign Outstandings

Foreign outstandings include loans, balances with banks, acceptances, securities, equity investments, accrued interest, other monetary assets and current credit exposure on derivative contracts. At year-end 2003, 2002 and 2001, there were no countries for which cross-border and net local country claims exceeded $1.0 \%$ of total assets.

At December 31, 2003, Japan was the only country for which cross-border claims and net local country claims totaled between $0.75 \%$ and $1.0 \%$ of total assets. These outstandings amounted to $\$ 3.1$ billion. At December 31, 2002, Japan and Germany were the
only countries for which cross-border claims and net local country claims totaled between $0.75 \%$ and $1.0 \%$ of total assets. These outstandings totaled $\$ 4.5$ billion in aggregate. At December 31, 2001, there were no countries for which cross-border and net local country claims totaled between $0.75 \%$ and $1.0 \%$ of total assets.

## Note 11 - Credit Card Securitizations

The Corporation transforms a substantial portion of its credit card receivables into securities, which are sold to investors or retained on balance sheet - a process referred to as securitization. Securitization
impacts the Corporation's consolidated balance sheet by removing those credit card receivables that have been sold and by reclassifying, from loans to investments, those credit card receivables that have been transformed into certificate form (referred to as "Seller's Interest"). Gain or loss on the sale of the credit card receivable depends in part on the previous carrying amount of the financial assets transferred between the assets sold or retained on balance sheet and the retained interests based on their relative fair value at the date of transfer. Gain or loss on the sale of the credit card receivables, net of amortization of transaction costs and amortization from securitization repayments, is reported in other income. Securitization also impacts the Corporation's consolidated income statement by reclassifying interest income and fees, interchange income, credit losses and recoveries related to securitized receivables as credit card revenue. Credit card interest income and fees, credit losses and recoveries related to Seller's Interest are reclassified to net interest income.

The Corporation securitized approximately $\$ 11.5$ billion, $\$ 6.8$ billion and $\$ 3.8$ billion of credit card receivables and recognized gains of $\$ 79$ million, $\$ 55$ million and $\$ 28$ million in 2003, 2002 and 2001, respectively. Maturities of credit card securitizations during 2003 were $\$ 8.2$ billion, with an additional $\$ 9.5$ billion scheduled for 2004. During 2003, 2002 and 2001, the Corporation recognized $\$ 22$ million, $\$ 50$ million and $\$ 62$ million, respectively, in net securitization amortization in the consolidated income statement, including amortization of transaction costs, as the gain on securitization from new transactions was offset by amortization as investors in individual series were repaid.

A servicing asset or liability is not recognized in a credit card securitization (and thus not considered in the gain or loss computation) since the Corporation receives adequate compensation relative to current market servicing prices to service the receivables sold. Transaction costs in credit card securitizations are deferred and amor-
tized over the life of the security as a reduction of noninterest income.
At December 31, 2003 and 2002, the estimated fair value of the interest-only strip associated with credit card securitizations was $\$ 221$ million and $\$ 205$ million, respectively, and the estimated fair value of the Seller's Interest was $\$ 26.6$ billion and $\$ 28.1$ billion, respectively. The interest-only strip and Seller's Interest are both recorded as investment securities. The investor portion of accrued interest receivable is recorded in other assets in 2003 and was $\$ 938$ million and $\$ 685$ million at December 31, 2003 and 2002, respectively.

Certain estimates are used in determining the fair value of the interest-only strip at both the date of securitization and the balance sheet date, including the excess spread, average receivable life and the discount rate. The components of excess spread, which are estimated, include finance charge and fee revenue (excluding interchange income) generated by the securitized loans in excess of interest paid to investors, related net credit losses and contractual servicing fees. The resulting expected net revenues earned over the average life of the receivables are discounted at a rate commensurate with the risk to determine the fair value. Such estimates and assumptions are subject to change, and accordingly, the Corporation may not recover all of the recorded investment of the interest-only strip (and thus must be measured for impairment). The receivables in each trust have unique attributes and therefore the interest-only strip related to each trust is evaluated separately. The Seller's Interest resulting from credit card securitizations is recorded at fair value using a present value approach, with assumptions that are consistent with the valuation of the interest-only strip.

The following represents the Corporation's key weighted-average assumptions used to estimate the fair value of the retained interests relating to credit card securitizations, and the pretax sensitivity of the fair values to immediate $10 \%$ and $20 \%$ adverse changes in these assumptions:

| At December 31, | Interest-Only Strip(1) |  | Seller's Interest(2) |  | Total Retained Interests |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2003 | 2002 | 2003 | 2002 | 2003 | 2002 |
| (Dollars in millions) |  |  |  |  |  |  |
| Receivable Life: |  |  |  |  | 0.5 years | 0.5 years |
| 10\% Adverse Change | \$ 23.2 | \$ 22.1 | \$ 17.5 | \$ 14.3 | 40.7 | 36.4 |
| 20\% Adverse Change | 46.6 | 44.2 | 35.1 | 28.8 | 81.7 | 73.0 |
| Excess Spread: |  |  |  |  | 1.43\% | 1.22\% |
| 10\% Adverse Change | 23.8 | 22.6 | 17.9 | 14.7 | 41.7 | 37.3 |
| 20\% Adverse Change | 47.6 | 45.2 | 35.9 | 29.4 | 83.5 | 74.6 |
| Expected Net Credit Losses: (3) |  |  |  |  | 5.73\% | 5.97\% |
| 10\% Adverse Change | 102.1 | 93.3 | 73.5 | 67.5 | 175.6 | 160.8 |
| 20\% Adverse Change | 204.3 | 183.9 | 147.1 | 119.3 | 351.4 | 303.2 |
| Discount Rate: |  |  |  |  | 10.00\% | 10.00\% |
| 10\% Adverse Change | 0.7 | 0.7 | 0.5 | 0.4 | 1.2 | 1.1 |
| 20\% Adverse Change | 1.5 | 1.4 | 1.1 | 0.9 | 2.6 | 2.3 |

 than temporary, which would result in a charge to noninterest income upon recognition.
(3) Certain trust legal documents include finance charge and fee revenue reversals in the definition of net credit losses, resulting in a higher net credit loss rate for trust purposes.

The sensitivity analysis illustrates the potential magnitude of significant adverse changes in key assumptions used in valuing the retained interests, and thus the potential impact to the Corporation's financial position and results of operations. However, the sensitivities of the fair values of the retained inter-
ests to changes in each key assumption may not be linear. Furthermore, the sensitivities for each key variable are calculated independently of changes in the other key variables. Therefore, the sensitivity analysis does not purport to present the maximum impairment loss that would result from $10 \%$ and $20 \%$ adverse

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

changes in these assumptions. Actual experience observed may result in changes in multiple key assumptions concurrently, the magnitude of which on the fair value of the retained interests would be dependent on the relative change and the direction of change. In addition, the sensitivity analysis does not give effect to corrective action that management could and would take to mitigate the impact of adverse changes in key assumptions. The asset values of the retained interests are periodically reviewed for other-than-temporary impairment.

The key weighted-average economic assumptions and ranges of assumptions used to estimate the fair value of retained interests at the date of securitization (including transfer of new balances under revolving structures) for credit card securitizations occurring during 2003 were approximately the same as those used to value the retained interests at December 31, 2003.

Delinquencies 30 days or more past due related to the securitized loans were $\$ 1.5$ billion and $\$ 1.4$ billion at December 31, 2003 and 2002, respectively. Delinquencies 30 days or more past due related to Seller's Interest were $\$ 1.0$ billion and $\$ 1.2$ billion at December 31, 2003 and 2002, respectively.

Net credit losses related to the securitized loans were $\$ 1.9$ billion, $\$ 1.9$ billion and $\$ 2.3$ billion for the years ended December 31, 2003, 2002 and 2001, respectively. Net credit losses related to Seller's Interest were $\$ 1.3$ billion, $\$ 1.2$ billion, and $\$ 1.1$ billion for the years ended December 31, 2003, 2002 and 2001, respectively.

Cash flows received from credit card securitization master trusts (i.e., QSPEs) were as follows:

| For Year Ended December 31, | $\mathbf{2 0 0 3}$ | 2002 | 2001 |
| :--- | ---: | ---: | ---: |
| (In millions) |  |  |  |
| Proceeds from reinvestment in revolving | $\mathbf{5 7 9 , 8 6 0}$ | $\$ 60,633$ | $\$ 72,206$ |
| $\quad$ securitizations | $\mathbf{1 1 , 4 5 0}$ | 6,775 | 3,845 |
| Proceeds from new securitizations | $\mathbf{5 2 6}$ | 505 | 598 |
| Servicing fees received <br> Cash flows received on retained interests <br> (1) | $\mathbf{2 , 2 3 5}$ | 2,586 | 2,577 |
| Cash released from spread accounts | $\mathbf{1 1 2}$ | 13 | 146 |

For a detailed discussion of the Corporation's loan securitization process for credit card loans, see the "Loan Securitizations" section on page 73.

## Note 12 - Allowance for Credit Losses

The allowance for credit losses is comprised of an allowance for loan losses and a reserve for unfunded commitments and standby letters of credit.

Changes in the allowance for loan losses were as follows:

| For the Year Ended December 31, | $\mathbf{2 0 0 3}$ | 2002 | 2001 |
| :--- | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Balance, beginning of year | $\mathbf{\$ 3 , 9 2 3}$ | $\$ 3,975$ | $\$ 3,636$ |
| Additions (deductions): | $\mathbf{( 3 , 0 6 3 )}$ | $(2,829)$ | $(2,630)$ |
| Charge-offs | $\mathbf{4 5 5}$ | 364 | 342 |
| Recoveries | $\mathbf{( 2 , 6 0 8 )}$ | $(2,465)$ | $(2,288)$ |
| Net charge-offs | $\mathbf{2 , 1 5 7}$ | 2,438 | 2,431 |
| $\quad$ Provision for loan losses | $\mathbf{-}$ | $(25)$ | 196 |
| $\quad$ Transfers (1) | $\mathbf{\$ 3 , 4 7 2}$ | $\$ 3,923$ | $\$ 3,975$ |
| Balance, end of year |  |  |  |

(1) Transfers to the allowance for loan losses in 2001 primarily represent the addition of the Wachovia credit
card portfolio
Changes in the reserve for unfunded commitments and standby letters of credit were as follows:

| For the Year Ended December 31, | $\mathbf{2 0 0 3}$ |  | 2002 | 2001 |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| (In millions) <br> Balance, beginning of year <br> Provision for credit losses | $\mathbf{\$ 1}$ | $\mathbf{6 0 2}$ | $\$$ | 553 |  |
| Balance, end of year | $\mathbf{( 1 1 2 )}$ |  | 49 | 474 |  |

## Note 13 - Goodwill and Other Intangible Assets

Effective January 1, 2002, the Corporation adopted SFAS No. 142. Under SFAS No. 142, goodwill and intangible assets with an indefinite life are no longer amortized, but are subject to impairment tests at least annually.
Goodwill is tested annually at the reporting segment level or more often if events or circumstances suggest potential impairment.

Other acquired intangible assets determined to have a finite life, such as core deposits and credit card relationships, are amortized over their estimated useful life in a manner that best reflects the economic benefits of the intangible asset. Intangible assets with a finite life are periodically reviewed for other than temporary impairment.

The impact of adopting SFAS No. 142 on net income and earnings per share, adjusted to exclude amortization expense (net of taxes), was as follows:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions except per share data) |  |  |  |
| Net income attributable to common stockholders' equity | \$3,535 | \$3,295 | \$2,628 |
| Goodwill amortization, net of taxes of \$25 | - | - | 44 |
| Adjusted net income attributable to common stockholders' equity | \$3,535 | \$3,295 | \$2,672 |
| Basic earnings per share: |  |  |  |
| Reported earnings per share | \$ 3.14 | \$ 2.83 | \$ 2.25 |
| Goodwill amortization | - | - | 0.04 |
| Adjusted basic earnings per share | \$ 3.14 | \$ 2.83 | \$ 2.29 |
| Diluted earnings per share: |  |  |  |
| Reported earnings per share | \$ 3.11 | \$ 2.80 | \$ 2.24 |
| Goodwill amortization | - | - | 0.04 |
| Adjusted diluted earnings per share | \$ 3.11 | \$ 2.80 | \$ 2.28 |

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## Goodwill

During 2003, the Corporation completed the acquisitions of Zurich Life and Security Capital, which added goodwill to the Investment Management Group of \$115.6 million and $\$ 47.0$ million, respectively. As of December 31, 2003, the Corporation had goodwill of $\$ 2.1$ billion with no impairment recorded.

The allocation of goodwill by line of business was as follows:
At December 31, 2003

| Commercial | Card <br> (In millions) | Retail | Banking | Investment |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Goodwill | $\$ 516$ | $\$ 139$ | $\$ 1,206$ | Management Group | $\$ 200$ |

Other Intangible Assets
Finite life intangible assets
During 2003, acquisitions and purchases added intangible assets totaling $\$ 14$ million to the Investment Management Group and $\$ 142$ million to Card Services which will be amortized over estimated useful lives of 15 years and 7 years, respectively.

Capitalized mortgage-servicing rights for the year ended December 31, 2003 were $\$ 71$ million. The remaining components of finite life intangible assets were as follows:

|  |  |  |  |
| :--- | ---: | ---: | ---: |
| At December 31, 2003 |  |  |  |
| (In millions) | Gross amount | Accumulated amortization | Net carrying value |
| Purchased customer relationships | $\$ 1,136$ | $\$ 732$ |  |
| Other | 433 | 164 |  |
| Total intangible assets | $\$ 1,569$ | $\$ 896$ |  |

For the year ended December 31, 2003, intangible assets amortization expense was $\$ 137$ million.
The amortization expense for intangible assets over the next five years was estimated to be as follows:

| At December 31, | 2004 | 2005 | 2006 |
| :--- | :--- | :--- | :--- |
| (In millions) | 2007 |  |  |
| Amortization expense | $\$ 138$ | $\$ 125$ | $\$ 88$ |

Indefinite life intangible assets
As of December 31, 2003, indefinite life intangible assets that are not subject to amortization were $\$ 14.0$ million.

## Note 14 - Long-Term Debt

Long-term debt consists of borrowings having an original maturity of greater than one year. Original issue discount and deferred issuance costs are amortized into interest expense over the terms of the related notes. Long-term debt was as follows:

| At December 31, | Interest Rate | Maturities | 2003 | 2002 |
| :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |
| Parent Company |  |  |  |  |
| Senior debt: |  |  |  |  |
| Medium-term notes | 1.25-7.63\% | 2004-2008 | \$12,322 | \$11,973 |
| Other | - | - | 5 | 6 |
| Subordinated debt: |  |  |  |  |
| Notes | 4.90-10.00\% | 2004-2027 | 6,820 | 7,270 |
| Floating rate notes | - | - | - | 150 |
| Subsidiaries |  |  |  |  |
| Bank notes | 1.07-7.50\% | 2004-2008 | 14,563 | 13,866 |
| Subordinated notes | 6.00-8.25\% | 2004-2008 | 913 | 1,590 |
| Capital leases | 4.27-12.60\% | 2004-2011 | 51 | 73 |
| Federal Home Loan Bank advances | 1.08-4.57\% | 2005-2010 | 4,865 | 3,715 |
| Trust preferred | 1.71-9.33\% | 2026-2031 | 3,315 | 3,315 |
| Other (1) | 1.00-15.93\% | 2004-2018 | 3,910 | 1,276 |
| Total long-term debt |  |  | \$46,764 | \$43,234 |

(1) Includes $\$ 2.7$ billion of long-term debt issued by the investment vehicle consolidated in conjunction with FIN No. 46. Investors in the investment vehicle have no recourse to the general assets of the Corporation.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The Corporation has sponsored ten trusts with a total aggregate issuance outstanding of $\$ 3.3$ billion in trust preferred securities as follows:

| At December 31, 2003 | Trust Preferred |  |  | Junior Subordinated Debt Owned by Trust |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) | Issuance Date | $\begin{array}{r} \text { Initial } \\ \text { Liquidation } \\ \text { Value } \end{array}$ | Distribution Rate | Initial Principal Amount | Maturity | Redeemable Beginning |
| Capital VI | September 28, 2001 | \$525 | 7.20\% | \$541.2 | October 15, 2031 | October 15, 2006 |
| Capital V | January 30, 2001 | 300 | 8.00\% | 309.3 | January 30, 2031 | January 30, 2006 |
| Capital IV | August 30, 2000 | 160 | 3-mo LIBOR plus 1.50\% | 164.9 | September 1, 2030 | September 1, 2005 |
| Capital III | August 30, 2000 | 475 | 8.75\% | 489.7 | September 1, 2030 | See (1) below. |
| Capital II | August 8, 2000 | 280 | 8.50\% | 288.7 | August 15, 2030 | August 15, 2005 |
| Capital I | September 20, 1999 | 575 | 8.00\% | 592.8 | September 15, 2029 | September 20, 2004 |
| First Chicago NBD Capital 1 | January 31, 1997 | 250 | $\begin{array}{r} \text { 3-mo LIBOR } \\ \text { plus } 0.55 \% \end{array}$ | 257.7 | February 1, 2027 | February 1, 2007 |
| First USA <br> Capital Trust I (2) | December 20, 1996 | 200 | 9.33\% | 206.2 | January 15, 2027 | January 15, 2007 |
| First Chicago NBD Institutional |  |  |  |  |  |  |
| Capital A | December 3, 1996 | 500 | 7.95\% | 515.5 | December 1, 2026 | December 1, 2006 |
| First Chicago NBD Institutional |  |  |  |  |  |  |
| Capital B | December 5, 1996 | 250 | 7.75\% | 257.7 | December 1, 2026 | December 1, 2006 |

(1) Redeemable at any time subject to approval by the Federal Reserve Board
(2) The Corporation paid a premium of $\$ 36$ million to repurchase $\$ 193$ million of these securities in 1997

These trust preferred securities are tax-advantaged issues that currently qualify for Tier 1 Capital treatment. Distributions on these securities are included as interest expense on long-term debt. Each of the trusts is a statutory business trust organized for the sole purpose of issuing trust securities and investing the proceeds thereof in junior subordinated debentures of the Corporation, the sole asset of each trust. The preferred trust securities of each trust represent preferred beneficial interests in the assets of the respective trusts and are subject to mandatory redemption upon payment of the junior subordinated debentures held by the trust. The common securities of each trust are wholly-owned by the Corporation. Each trust's ability to pay amounts due on the trust preferred securities is solely dependent upon the Corporation making payment on the related junior subordinated debentures. The Corporation's obligations under the junior subordinated debentures and other relevant trust agreements, in aggregate, constitute a full and unconditional guarantee by the Corporation of each respective trust's obligations under the trust securities issued by each respective trust. See Note 17, "Dividends and Capital Restrictions," beginning on page 97 for discussion of the restrictions on the ability of the Corporation to obtain funds from its subsidiaries

The trust preferred securities are included in the Corporation's Tier 1 Capital and Total Capital at December 31, 2003. In December 2003, FASB issued a FIN No. 46R that requires the deconsolidation of these statutory trusts in the first quarter 2004. In July 2003, the Board of Governors of the Federal Reserve System issued a supervisory letter instructing bank holding companies to continue to include the trust preferred securities in their Tier 1 capital for regulatory capital purposes until notice is given to the contrary. The Federal Reserve intends to review the regulatory implications of any accounting treatment changes and, if necessary or warranted, provide further appropriate guidance. There can be no assurance that the Federal Reserve will continue to allow institutions to include trust preferred securities in Tier 1 Capital for
regulatory capital purposes.
Aggregate annual scheduled repayments of long-term debt which includes trust preferred securities were as follows:

| At December 31, 2003 | Total |
| :--- | ---: |
| (In millions) |  |
| 2004 | $\$ 8,977$ |
| 2005 | 7,799 |
| 2006 | 8,717 |
| 2007 | 6,127 |
| 2008 | 5,136 |
| Thereafter | 10,008 |
| Total | $\$ 46,764$ |

## Note 15 - Deposits and Short-Term Borrowings

Deposits
The maturity distribution of domestic time certificates of deposit of $\$ 100,000$ and over and deposits in foreign offices, predominantly in amounts in excess of $\$ 100,000$, were as follows:

| At December 31, 2003 | Amount | Percent |
| :--- | ---: | :---: |
| (Dollars in millions) |  |  |
| Domestic Time Certificates of Deposit of $\mathbf{\$ 1 0 0 , 0 0 0}$ and Over: |  |  |
| Three months or less | $\$ 1,633$ | $18 \%$ |
| Over three months to six months | 878 | 9 |
| Over six months to twelve months | 989 | 11 |
| Over twelve months | 5,660 | 62 |
| Total | $\$ 9,160$ | $100 \%$ |
| Foreign Offices: |  |  |
| Three months or less | $\$ 17,703$ | $98 \%$ |
| Over three months to six months | 46 | - |
| Over six months to twelve months | 4 | - |
| Over twelve months | 266 | 2 |
| Total | $\$ 18,019$ | $100 \%$ |

The Corporation has an aggregate amount of domestic other time deposits of $\$ 100,000$ and over of $\$ 74$ million at December 31, 2003, which primarily mature within three months

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Short-Term Borrowings
Borrowings with original maturities of one year or less are classified as short-term. The following is a summary of short-term borrowings:

|  | At Year-End |  | For the Year |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| December 31 | Outstanding | Weighted- <br> Average Rate | Daily Average Outstandings | Weighted- <br> Average Rate | Highest <br> Outstandings at Month End |
| (Dollars in millions) |  |  |  |  |  |
| 2003: |  |  |  |  |  |
| Federal funds purchased | \$ 3,249 | 0.92\% | \$ 4,193 | 1.07\% | \$ 6,695 |
| Securities sold under repurchase agreements | 17,324 | 0.99 | 16,262 | 1.06 | 20,541 |
| Bank notes | 4,984 | 1.15 | 7,305 | 1.34 | 9,293 |
| Commercial paper (1) | 37,243 | 1.13 | 638 | 1.14 | 37,243 |
| Other short-term borrowings | 5,513 | 2.25 | 4,053 | 3.27 | 5,513 |
| Total short-term borrowings | \$68,313 | 1.18\% | \$32,451 | 1.40\%(2) |  |
| 2002: |  |  |  |  |  |
| Federal funds purchased | \$ 3,833 | 1.02\% | \$ 4,400 | 1.63\% | \$ 6,086 |
| Securities sold under repurchase agreements | 10,745 | 1.11 | 10,548 | 1.55 | 12,730 |
| Bank notes | 8,519 | 1.57 | 4,960 | 2.11 | 9,733 |
| Commercial paper | 567 | 1.65 | 485 | 2.26 | 567 |
| Other short-term borrowings | 3,220 | 1.41 | 3,441 | 2.61 | 5,310 |
| Total short-term borrowings | \$26,884 | 1.28\% | \$23,834 | 1.85\%(2) |  |
| 2001: |  |  |  |  |  |
| Federal funds purchased | \$ 3,171 | 1.62\% | \$ 5,121 | 4.32\% | \$ 6,353 |
| Securities sold under repurchase agreements | 10,557 | 1.43 | 11,543 | 3.57 | 13,386 |
| Bank notes | 4,529 | 3.07 | 8,267 | 5.48 | 13,047 |
| Commercial paper | 828 | 1.58 | 1,968 | 4.75 | 2,634 |
| Other short-term borrowings | 4,898 | 1.60 | 3,273 | 3.68 | 4,898 |
| Total short-term borrowings | \$23,983 | 1.83\% | \$30,172 | 4.31\%(2) |  |

 the general assets of the Corporation.
 and $4.28 \%$ for the years ended December 31, 2003, 2002 and 2001, respectively.

## Note 16 - Preferred Stock

The Corporation is authorized to issue 50 million shares of preferred stock with a par value of $\$ 0.01$ per share. On November 1, 2001, the Corporation redeemed all outstanding preferred stock with cumulative and adjustable dividends, Series B and C, totaling $\$ 190$ million. The redemption price for both the Series B and C preferred stock was $\$ 100$ per share, plus accrued and unpaid dividends totaling $\$ 1.00$ per share and $\$ 1.083$ per share, respectively. At December 31, 2000, the Corporation had outstanding $1,191,000$ and 713,800 shares of Series B and C preferred stock, respectively, each with a stated value of $\$ 100$ per share and a carrying value of $\$ 119$ million and $\$ 71$ million, respectively.

## Note 17 - Dividends and Capital Restrictions

The Corporation's national bank subsidiaries are subject to statutory limitations on their ability to pay dividends. Dividends cannot exceed the level of undivided profits. In addition, a national bank cannot declare a dividend, without regulatory approval, in an amount in excess of its net income for the current year and the combined net profits for the preceding two years.

Based on these statutory requirements, the bank affiliates could have declared aggregate additional dividends of up to approximately $\$ 2.6$ billion without regulatory approval at January 1, 2004. The payment of dividends by any bank may also be affected by other factors, such as the maintenance of adequate capital.

The bank affiliates are subject to various regulatory capital requirements that require them to maintain minimum ratios of Total Capital and Tier 1 Capital to riskweighted assets and of Tier 1 Capital to average assets. Failure to meet minimum capital requirements results in certain regulatory actions that could have a direct material effect on the bank affiliates' financial statements. As of December 31, 2003, management believed that each of the bank affiliates met all applicable capital adequacy requirements and are correctly categorized as "well capitalized" under the regulatory framework for prompt corrective action. There are no conditions or events since that categorization that management believes have changed the institution's category.

The maximum amount of dividends, which can be paid to shareholders of insurance companies domiciled in Illinois or New York without prior approval of the state regulatory authorities, is subject to restrictions related to statutory surplus and income. The insurance companies could not have declared any dividends during 2003 without prior regulatory approval.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The capital amounts and ratios for the Corporation and its principal banking subsidiaries are presented as follows:

|  | Tier 1 Capital | Total Capital | RiskWeighted Assets | Adjusted Average Assets | Tier 1 Capital Ratio(1) | Total Capital Ratio(1) | Tier 1 Leverage Ratio(2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |  |  |  |
| December 31, 2003 |  |  |  |  |  |  |  |
| The Corporation (consolidated) | \$24,499 | \$33,634 | \$245,441 | \$279,126 | 10.0\% | 13.7\% | 8.8\% |
| Bank One, N.A. (Chicago) | 16,835 | 22,783 | 166,219 | 211,189 | 10.1 | 13.7 | 8.0 |
| Bank One, N.A. (Columbus) | 3,625 | 6,001 | 53,915 | 64,011 | 6.7 | 11.1 | 5.7 |
| Bank One, Delaware, N.A. (3) | 2,569 | 2,711 | 19,050 | 17,311 | 13.5 | 14.2 | 14.8 |
| December 31, 2002 |  |  |  |  |  |  |  |
| The Corporation (consolidated) | \$23,918 | \$33,119 | \$241,468 | \$267,321 | 9.9\% | 13.7\% | 8.9\% |
| Bank One, N.A. (Chicago) (4) | 17,407 | 24,059 | 178,171 | 215,270 | 9.8 | 13.5 | 8.1 |
| Bank One, N.A. (Columbus) (5) | 3,331 | 5,343 | 43,299 | 59,680 | 7.7 | 12.3 | 5.6 |
| Bank One, Delaware, N.A. (3) | 2,630 | 2,756 | 17,748 | 16,213 | 14.8 | 15.5 | 16.2 |
| Well capitalized ratios (6) |  |  |  |  | 6.0\% | 10.0\% | 5.0\%(7) |
| Minimum capital ratios (6) |  |  |  |  | 4.0 | 8.0 | 3.0 |

Minimum capital ratios (6) collateral or guarantor.
(2) Tier 1 Capital divided by adjusted average quarterly assets (net of allowance for loan losses, goodwill and certain intangible assets).
(3) Formerly First USA Bank, N.A.
(4) Restated to show the effect of the 2003 mergers with Bank One, Oklahoma, N.A and Bank One, Kentucky, N.A.,
(5) Restated to show the effect of the 2003 mergers with Bank One, Wheeling-Steubenville, N.A. and Bank One, West Virginia, N.A
(6) As defined by the regulations issued by the Federal Reserve Board, the FDIC and the OCC.
 holding company.

Federal banking law restricts each bank subsidiary from extending credit to the Corporation in excess of $10 \%$ of the subsidiary's capital stock and surplus, as defined. Any such extensions of credit are subject to strict collateral requirements.

Note 18 - Supplemental Disclosures for Accumulated Other Adjustments to Stockholders' Equity

Accumulated other adjustments to stockholders' equity are as follows:

|  | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) <br> Fair value adjustment on investment securities-available for sale: |  |  |  |
|  |  |  |  |
| Balance, beginning of period | \$ 552 | \$ 78 | \$ (15) |
| Change in fair value, net of taxes of \$(142), \$323 and \$86 for the year ended December 31, 2003, 2002 and 2001, respectively | (237) | 560 | 158 |
| Reclassification adjustment, net of taxes of \$68, \$(50) and \$(38) for the year ended December 31, 2003, 2002 and 2001, respectively | 120 | (86) | (65) |
| Balance, end-of-period | 435 | 552 | 78 |
| Fair value adjustment on derivative instruments-cash flow type hedges: |  |  |  |
| Balance, beginning of period | (560) | (146) | - |
| Transition adjustment at January 1, 2001, net of tax benefit of \$56 | - | - | (98) |
| Net change in fair value associated with current period hedging activities, net of tax benefits of $\$ 120, \$ 425$ and $\$ 70$ for the year ended December 31, 2003, 2002 and 2001, respectively | (199) | (711) | (139) |
| Reclassification into earnings, net of taxes of \$282, \$178 and \$49 for the year ended December 31, 2003, 2002 and 2001, respectively (1) | 484 | 297 | 91 |
| Balance, end-of-period | (275) | (560) | (146) |
| Accumulated translation adjustment: |  |  |  |
| Balance, beginning of period | - | 3 | 10 |
| Translation gain (loss), net of hedge results and taxes | 2 | (3) | (7) |
| Balance, end-of-period | 2 | - | 3 |
| Minimum pension liability: ${ }^{(2)}$ |  |  |  |
| Balance, beginning of period | - | - | - |
| Minimum pension loss, net of taxes of \$18 | (35) | - | - |
| Balance, end-of-period | (35) | - | - |
| Total accumulated other adjustments to stockholders' equity | \$ 127 | \$ (8) | \$ (65) |

(1) During 2001, $\$ 89$ million after-tax of the transition adjustment recorded at January 1, 2001, was reclassified into earnings.
(2) Relates primarily to the nonqualified supplemental pension plan.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Note 19 - Employee Benefits

a) Pension Plans

The Corporation's qualified and nonqualified supplemental plans' change in benefit obligation, change in plan assets and funded status reconciled to the amounts reported in the consolidated financial statements are as follows:

|  | 2003 |  |  | 2002 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) | Qualified | Nonqualified | Total | Qualified | Nonqualified | Total |
| Change in benefit obligation: |  |  |  |  |  |  |
| Benefit obligation, January 1 | \$2,419 | \$ 108 | \$2,527 | \$2,297 | \$ 98 | \$2,395 |
| Service cost | 99 | 2 | 101 | 101 | 3 | 104 |
| Interest cost | 157 | 7 | 164 | 166 | 7 | 173 |
| Actuarial loss | 225 | 6 | 231 | 182 | 16 | 198 |
| Transfer out of plan | - | (2) | (2) | - | - | - |
| Benefits paid | (307) | (17) | (324) | (327) | (16) | (343) |
| Benefit obligation, December 31 (1)(2) | \$2,593 | \$ 104 | \$2,697 | \$2,419 | \$ 108 | \$2,527 |
| Change in plan assets: |  |  |  |  |  |  |
| Fair value of plan assets, January 1 | \$2,481 | \$ | \$2,481 | \$2,747 | \$ - | \$2,747 |
| Actual gain (loss) on plan assets | 511 | - | 511 | (219) | - | (219) |
| Corporation contribution (3) | 520 | 17 | 537 | 280 | 16 | 296 |
| Benefits paid | (307) | (17) | (324) | (327) | (16) | (343) |
| Fair value of plan assets, December 31 | \$3,205 | \$ | \$3,205 | \$2,481 | \$ - | \$2,481 |
| Funded Status | \$ 612 | \$ (104) | \$ 508 | \$ 62 | \$(108) | \$ (46) |
| Unrecognized net loss | 807 | 49 | 856 | 829 | 49 | 878 |
| Unrecognized prior service cost | 16 | 10 | 26 | 20 | 14 | 34 |
| Unrecognized transition obligation | - | - | - | - | 1 | 1 |
| Net amount recognized, December 31 | \$1,435 | \$ (45) | \$1,390 | \$ 911 | \$ (44) | \$ 867 |
| Prepaid benefit cost, December 31 | \$1,435 | \$ | \$1,435 | \$ 911 | \$ - | \$ 911 |
| Accrued benefit cost, December 31 | - | (103) | (103) | - | (44) | (44) |
| Intangible asset | - | 10 | 10 | - | - | - |
| Accumulated other adjustments to stockholders' equity | - | 48 | 48 | - | - | - |
| Net amount recognized, December 31 | \$1,435 | \$ (45) | \$1,390 | \$ 911 | \$ (44) | \$ 867 |
| (1) The Corporation acquired Zurich Life e | sion obligation | were assumed in | on. The em | umed in the | $n$ will add approxin | illion to |
| The accumulated benefit obligation for the qualified plan at December 31, 2003 and 2002 was $\$ 2,515$ million and $\$ 2,388$ million, respectively. The accumulated benefit obligation for the nonqualified plan at both December 31 , 2003 and 2002 was $\$ 103$ million. |  |  |  |  |  |  |
| For the qualified pension plan, a discretionary $\$ 100$ million was contributed to the qualified plan in January 2004. An additional discretionary $\$ 47$ million is expected to be contributed to the qualified plan in 2004 , conditional upo tax deductibility. For the nonqualified plan, $\$ 13$ million is expected to be paid to participants from the Corporation's assets during 2004. |  |  |  |  |  |  |

The net periodic pension cost (benefit) for 2003, 2002 and 2001 for the Corporation's qualified and nonqualified supplemental pension plans was as follows:

|  | 2003 |  |  | 2002 |  |  | 2001 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) | Qualified | Nonqualified | Total | Qualified | Nonqualified | Total | Qualified | Nonqualified | Total |
| Service cost-benefits earned during the year | \$ 99 | \$ 2 | \$ 101 | \$ 101 | \$ 3 | \$ 104 | \$ 92 | \$ 4 | \$ 96 |
| Interest cost on benefit obligation | 157 | 7 | 164 | 166 | 7 | 173 | 168 | 9 | 177 |
| Expected return on plan assets | (264) | - | (264) | (272) | - | (272) | (287) | - | (287) |
| Amortization of prior service costs | 4 | 5 | 9 | 4 | 5 | 9 | 4 | 4 | 8 |
| Recognition of actuarial (gain) loss | - | 7 | 7 | - | 5 | 5 | (4) | 3 | (1) |
| Amortization of transition assets | - | - | - | - | - | - | (7) | - | (7) |
| Net periodic (benefit) cost | \$ (4) | \$ 21 | \$ 17 | \$ (1) | \$ 20 | \$ 19 | \$ (34) | \$ 20 | \$ (14) |

The fair value of the allocation of the Corporation's pension plan assets at the end of 2003 and 2002, and the target allocation for 2004, by asset category, were as follows:

|  | Target Allocation | Allocation |  |
| :---: | :---: | :---: | :---: |
| At December 31, | 2004 | 2003 | 2002 |
| Equity securities Debt securities | $\begin{aligned} & 65 \% \\ & 35 \end{aligned}$ | $\begin{aligned} & \hline 63 \% \\ & 37 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 63 \% \\ & 37 \\ & \hline \end{aligned}$ |
| Total | 100\% | 100\% | 100\% |

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The fund is rebalanced within ranges around the target allocation. The expected long-term rate of return on these plan assets was $7.5 \%$ in 2003 and $8.5 \%$ in 2002, derived using historical returns by asset category and expectations for future capital market performance.

The Corporation's pension plan assets are managed by internal and external investment managers. The fund is broadly diversified. Equity securities include the Corporation's common stock in the
amounts of $\$ 47$ million ( $1.5 \%$ of total plan assets) and $\$ 38$ million ( $1.5 \%$ of total plan assets) at the end of 2003 and 2002, respectively, and are limited to $2 \%$ of the fair value of plan assets.

The assumptions used in determining the Corporation's benefit obligation at December 31, and net periodic pension cost for the year ended December 31, for both qualified and nonqualified supplemental pension plans were as follows:

|  | Benefit Obligation (At December 31) |  |  |  | Net Periodic Cost (For the Year Ended December 31) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2004 | 2003 | 2002 | 2001 | 2004 | 2003 | 2002 | 2001 |
| Actuarial assumptions: | Projected |  |  |  | ected |  |  |  |
| Weighted-average discount rate | 6.00\% | 6.00\% | 6.50\% | 7.00\% | 6.00\% | 6.50\% | 7.00\% | 7.50\% |
| Weighted-average rate of compensation increase | 4.25\% | 4.25\% | 4.25\% | 4.25\% | 4.25\% | 4.25\% | 4.25\% | 4.25\% |
| Expected long-term rate of return on plan assets | N/A | N/A | N/A | N/A | 7.50\% | 7.50\% | 8.50\% | 9.50\% |

(b) Postretirement Benefits Other Than Pensions

The Corporation sponsors postretirement life insurance plans and provides health care benefits for certain retirees and grandfathered employees when they retire. The postretirement life insurance benefit is noncontributory, while the health care benefits are contributory. The Corporation's postretirement benefit plans’ change in benefit obligation, change in plan assets, and funded status reconciled to the amounts reported in the consolidated financial statements were as follows:

| (In millions) | 2003 | 2002 |
| :---: | :---: | :---: |
| Change in benefit obligation: |  |  |
| Benefit obligation, January 1 | \$ 252 | \$ 233 |
| Interest cost | 16 | 15 |
| Acquisition of Zurich Life (1) | 5 | - |
| Actuarial loss | 12 | 24 |
| Benefits paid | (20) | (20) |
| Benefit obligation, December 31 | \$ 265 | \$ 252 |
| Change in plan assets: |  |  |
| Fair value of plan assets, January 1 | \$ 80 | \$ - |
| Implementation of retiree VEBA | - | 76 |
| Actual return on plan assets | 5 | 6 |
| Corporation contribution (2) | 25 | 18 |
| Benefits paid | (20) | (20) |
| Fair value of plan assets, December 31 | \$ 90 | \$ 80 |
| Funded status | \$ (175) | \$ (172) |
| Unrecognized net actuarial loss | 94 | 85 |
| Unrecognized prior service cost | - | (12) |
| Net amount recognized, December 31 | \$ (81) | \$ (99) |

(1) The Corporation acquired Zurich Life effective September 1, 2003, including its postretirement obligation of $\$ 5$ million.
(2) For the Corporation's postretirement plans, employer contributions to the qualified plan in 2004 are expected to be no greater than $\$ 16$ million. In addition, $\$ 8$ million in benefit payments is expected to be paid from the Corporation's assets during 2004

Net periodic cost for postretirement health care and life insurance benefits during 2003, 2002 and 2001 were as follows:

| For the Year Ended December 31, | 2003 |  | 2002 |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |  |  |  |
| Interest cost on benefit obligation | \$ |  | \$ | 15 | \$ | 14 |
| Expected return on plan assets |  | (5) |  | (3) |  | - |
| Amortization of prior service costs |  | (12) |  | (12) |  | (12) |
| Recognition of actuarial loss |  | 3 |  | 3 |  | - |
| Net periodic postretirement cost | \$ | 2 | \$ | 3 | \$ | 2 |

The target and actual asset allocation for postretirement benefits other than pensions is $100 \%$ invested in tax-exempt municipal debt securities

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The assumptions used in determining the Corporation's benefit obligation at December 31, and net periodic cost for the year ended December 31, for the postretirement benefit obligation were as follows:

|  | Benefit Obligation (At December 31) |  |  |  | Net Periodic Cost (For the Year Ended December 31) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2004 | 2003 | 2002 | 2001 | 2004 | 2003 | 2002 | 2001 |
| Actuarial assumptions: | Projected |  |  |  | Projected |  |  |  |
| Weighted-average discount rate | 6.00\% | 6.00\% | 6.50\% | 7.00\% | 6.00\% | 6.50\% | 7.00\% | 7.50\% |
| Expected long-term rate of return on plan assets | N/A | N/A | N/A | N/A | 4.75\% | 5.40\% | 5.40\% | 5.40\% |

The expected rate of return on plan assets was determined using historical returns, current yields and expectations for future capital market performance.

For measurement of the December 31, 2003, benefit obligation, an annual rate of increase of $10.00 \%$ was assumed for 2004 in the cost of covered health care benefits; this range was assumed to decrease to $5.00 \%$ in the years 2011 and thereafter. For measurement of the 2003 periodic cost, an annual rate of increase of $10.00 \%$ was assumed for 2003 in the cost of covered health care benefits; this range was assumed to decrease to $5.00 \%$ in years 2010 and thereafter. Assumed health care cost trend rates have a significant effect on the amounts reported. Accordingly, a one-percentage-point change in assumed health care cost trend rates would have the following effect:

| (In millions) | 1\% increase | $1 \%$ decrease |
| :--- | ---: | ---: |
| Effect on 2003 service and interest cost components | $\$ 1$ | $\$(1)$ |
| Effect on December 31, 2003, accumulated |  |  |
| postretirement benefit obligation | $\$ 20$ | $\$(17)$ |

On December 8, 2003, the Medicare Prescription Drug, Improvement and Modernization Act of 2003 ("the Act") was signed into law which would provide plan sponsors a federal subsidy for certain qualifying prescription drug benefits covered under the sponsor's postretirement heath care plans. The Corporation is currently reviewing the impact of the Act and has elected to defer recognition of the benefit to its postretirement health care plans; as a result, the reported benefit obligation and net periodic postretirement cost as of and for the year ended December 31, 2003 do not reflect the effects of the Act. The election to defer will expire when either the FASB issues specific authoritative guidance on the accounting for the federal subsidy or a significant event (e.g., business combination) occurs that would require the remeasurement of the plan's assets and obligations.
(c) 401(k) Plan

The Corporation sponsored a 401(k) plan that covered substantially all of its employees. The expense related to this plan was $\$ 99$ million in 2003, $\$ 98$ million in 2002 and $\$ 95$ million in 2001.

## Note 20 - Stock-Based Compensation

The Corporation utilizes several types of stock-based awards as part of its overall compensation program. In addition, the Corporation provides employees the opportunity to purchase its shares through its Employee Stock Purchase Plan. The

Corporation's stock-based compensation plans provide for granting of awards to purchase or receive common shares and include limits as to the aggregate number of shares available for grants and the total number of shares available for grants of stock awards in any one year. Compensation cost charged against income for the Corporation's stock-based compensation plans was $\$ 180$ million for 2003, $\$ 118$ million for 2002 and $\$ 70$ million for 2001.

Awards under the Corporation's stock compensation plans vest over periods ranging from three to five years. Therefore, the expense related to stock option compensation included in the determination of net income for 2003 and 2002 is less than that which would have been recognized if the fair value method had been applied to all awards since the original effective date of SFAS No. 123. The net income and earnings per share implications if the fair value method had been applied to all awards which vested during the years ended December 31, 2003, 2002 and 2001 would have been as follows:

| For the Year Ended December 31, | 2003 | 2002(1) | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Net income attributable to common stockholders' equity( ${ }^{2}$ ) | \$3,535 | \$3,295 | \$2,628 |
| Add: Stock-based employee compensation expense included in reported net income, net of related tax effects | 115 | 75 | 44 |
| Deduct: Total stock-based employee compensation expense determined under the fair value method for all awards, vested during the year, net of related tax effects (3) | 147 | 138 | 266 |
| Pro forma net income attributable to common stockholders' equity | \$3,503 | \$3,232 | \$2,406 |
| Earnings per share: |  |  |  |
| Basic - as reported | \$ 3.14 | \$ 2.83 | \$ 2.25 |
| Basic - pro forma | 3.11 | 2.78 | 2.06 |
| Diluted - as reported | \$ 3.11 | \$ 2.80 | \$ 2.24 |
| Diluted - pro forma | 3.09 | 2.76 | 2.05 |
| (1) In 2002, management refined its methodology in estimating proforma compensation cost. Accordingly, the 2001 proforma compensation cost has been adjusted for comparability purposes. |  |  |  |
| (2) Includes the impact of preferred stock dividends of \$10 million in 2001. |  |  |  |
| (3) Stock option awards granted in 1999 and 2000 were fully vested by early 2002. |  |  |  |

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

As discussed in Note 32, "Subsequent Events," on page 111, the Corporation has announced an agreement to merge with JPMorgan Chase. Certain employee stockbased awards have provisions that accelerate vesting upon change of control.
(a) Restricted Shares

Restricted shares granted to key officers of the Corporation require them to continue employment for a stated number of years from the grant date before restrictions on the shares lapse. The market value of the restricted shares as of the date of grant is amortized to compensation expense as earned over the restriction period. Holders of restricted stock receive dividends and have the right to vote the shares.
(b) Stock Options

The Corporation's stock option plans generally provide that the exercise price of any stock option may not be less than the
closing price of the common stock on the trading day preceding the date of grant of the common stock.

Beginning with the 2003 annual award, the options granted vest in three years, have a term of six years, and have a two-year restriction on selling shares acquired through the exercise of the options granted. Options granted prior to 2002 under the Corporation's stock-based compensation program generally vest ratably over a fiveyear period and have a term of ten years. Certain pre-2003 option grants include the right to receive additional option grants ("reload" or "restorative" options) in an amount equal to the number of common shares used to satisfy the exercise price and applicable withholding taxes. Upon grant, reload options assume the same remaining term as the related original option and vest six months from the date of grant.

Summarized stock option activity and details of the Corporation's stock options outstanding follow:

| For the year ended December 31, | 2003 |  | 2002 |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Shares in thousands) | Shares | Wtd. Avg. Exercise Price | Shares | Wtd. Avg. Exercise Price | Shares | Wtd. Avg. Exercise Price |
| Outstanding at January 1 | 96,112 | \$37.57 | 90,482 | \$35.72 | 77,315 | \$34.17 |
| Granted | 19,160 | 39.51 | 20,063 | 40.95 | 23,573 | 37.73 |
| Exercised | $(11,916)$ | 28.58 | $(10,223)$ | 26.60 | $(7,262)$ | 25.09 |
| Forfeited | $(6,233)$ | 42.57 | $(4,210)$ | 41.16 | $(3,144)$ | 36.72 |
| Outstanding at December 31 | 97,123 | \$38.73 | 96,112 | \$37.57 | 90,482 | \$35.72 |
| Exercisable at December 31 | 52,530 | \$38.39 | 58,037 | \$36.84 | 45,525 | \$36.30 |
| At December 31, 2003 | Options Outstanding |  |  |  | Options Exercisable |  |
| (Shares in thousands) Range of Exercise Prices | Number Outstanding | Wtd. Avg. Exercise Price |  | $\begin{array}{r} \hline \text { Wtd. Avg. } \\ \text { Remaining } \\ \text { Contractual Life } \\ \hline \end{array}$ | Number <br> Exercisable | Wtd. Avg. Exercise Price |
| Less than \$20.00 | 517 | \$16.42 |  | 1.0 years | 517 | \$16.42 |
| \$20.01-\$25.00 | 1,741 | 24.62 |  | 2.4 | 1,741 | 24.62 |
| \$25.01-\$30.00 | 16,691 | 26.61 |  | 11.7 | 15,371 | 26.46 |
| \$30.01-\$35.00 | 3,633 | 32.73 |  | 5.6 | 2,531 | 32.42 |
| \$35.01-\$40.00 | 40,088 | 38.59 |  | 6.2 | 11,085 | 37.89 |
| \$40.01-\$45.00 | 17,237 | 41.36 |  | 8.3 | 4,082 | 41.60 |
| \$45.01-\$55.00 | 13,998 | 49.80 |  | 7.6 | 13,985 | 49.81 |
| Greater than \$55.00 | 3,218 | 59.08 |  | 4.6 | 3,218 | 59.08 |
| Total | 97,123 | \$38.73 |  | 7.5 years | 52,530 | \$38.39 |

## (c) Employee Stock Purchase Plan

The Corporation sponsors an Employee Stock Purchase Plan designed to encourage employee stock ownership. This plan generally allows eligible employees to purchase shares of the Corporation's common stock at a $15 \%$ discount from the market price at the beginning of an offering or the market price at the end of such offering, whichever is lower. During the current two-year offering period, employees are allowed to make deposits of up to $20 \%$ of their earnings (up to a designated maximum) on an annual basis to an interest-bearing savings account to purchase the number of shares permissible under the plan. The maximum number of shares each participant may purchase cannot exceed the contribution limit divided by the applicable purchase price on the offering date.

Shares purchased by the participant are subject to a one-year holding period and cannot be sold or transferred for one year
after the purchase date. Upon adoption of SFAS No. 123 in 2002, the Corporation prospectively recognizes compensation expense over the offering period equal to the estimated fair value of the projected shares to be purchased by the employee.

## (d) Fair Value of Stock-Based Compensation

The grant date fair values of stock options granted under the Corporation's various stock option plans and the Employee Stock Purchase Plan were estimated using the Black-Scholes option-pricing model. This model was developed to estimate the fair value of traded options, which have different characteristics than employee stock options. In addition, changes to the subjective input assumptions can result in materially different fair market value estimates. Therefore, the Black-Scholes model may not necessarily provide a reliable single measure of the fair value of employee stock options and purchase rights.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Summarized stock-based compensation grants and their related weighted-average grant-date fair values follow:

| For the Year Ended December 31, | 2003 |  | 2002 |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Shares in thousands) | Number of Shares | Wtd. Avg. Grant Date Fair Value Per Share | Number of Shares | Wtd. Avg. Grant Date Fair Value Per Share | Number of Shares | Wtd. Avg. Grant Date Fair Value Per Share |
| Stock option plans | 19,160 | \$ 9.44 | 20,063 | \$12.68 | 23,573 | \$13.34 |
| Restricted shares | 4,047 | 38.37 | 3,488 | 37.68 | 2,065 | 37.68 |
| Employee stock purchase plan | - | - | 3,300(1) | 11.48 | 2,483 | 9.68 |

(1) Estimated number of shares that employees would purchase under the 2002 plan.

The following assumptions were used to determine the Black-Scholes weighted-average grant date fair value of options granted during 2003, 2002 and 2001:

|  | Stock Option Plans |  |  | Employee Stock Purchase Plan |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Weighted-average assumptions: | 2003 | 2002 | 2001 | 2002-2003 | 2001 |
| Expected dividend yield | 2.38\% | 1.97\% | 2.29\% | 2.18\% | 2.30\% |
| Expected volatility | 34.16 | 35.84 | 36.85 | 32.46 | 33.80 |
| Risk-free interest rate | 2.47 | 4.34 | 5.02 | 2.75 | 2.61 |
| Expected life (in years) | 3.41 | 4.88 | 4.64 | 1.98 | 1.50 |

Certain employee stock-based awards have provisions that accelerate vesting upon change of control. See Note 32, "Subsequent Events," on page 111 for a discussion of the announced merger with JPMorgan Chase.

Note 21 - Income Taxes
The components of total applicable income tax expense (benefit) in the consolidated income statement follow:

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Income tax expense (benefit): |  |  |  |
| Current: |  |  |  |
| Federal | \$1,347 | \$1,208 | \$ 797 |
| Foreign | 13 | 7 | 11 |
| State | 135 | 144 | 115 |
| Total | 1,495 | 1,359 | 923 |
| Deferred: |  |  |  |
| Federal | - | 138 | 194 |
| Foreign | - | 1 | 5 |
| State | 3 | (30) | (4) |
| Total | 3 | 109 | 195 |
| Applicable income taxes | \$1,498 | \$1,468 | \$1,118 |

The tax effects of cash flow hedge adjustments, fair value adjustments on securities available for sale, certain tax benefits related to stock options, minimum pension liability adjustments and foreign currency translation adjustments are recorded directly to stockholders' equity. The net tax charge (benefit) recorded directly to stockholders' equity was $\$ 14$ million in 2003, \$(28) million in 2002 and \$(47) million in 2001.

A reconciliation of expected income tax expense at the federal statutory rate of $35 \%$ to the Corporation's applicable income tax expense (benefit) and effective tax rate follows:

| For the Year Ended December 31, | 2003 |  | 2002 |  | 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in millions) |  |  |  |  |  |  |
| Statutory tax rate | \$1,762 | 35.0\% | \$1,667 | 35.0\% | \$1,330 | 35.0\% |
| Increase (decrease) resulting from: |  |  |  |  |  |  |
| State income taxes, net of federal income tax benefit | 90 | 1.8 | 74 | 1.6 | 72 | 1.9 |
| Tax-exempt interest | (51) | (1.0) | (50) | (1.1) | (56) | (1.5) |
| Tax credits | (314) | (6.2) | (287) | (6.1) | (231) | (6.1) |
| Cash surrender value of life insurance | (53) | (1.1) | (54) | (1.1) | (57) | (1.5) |
| Other, net | 64 | 1.3 | 118 | 2.5 | 60 | 1.6 |
| Applicable income taxes | \$1,498 | 29.8\% | \$1,468 | 30.8\% | \$1,118 | 29.4\% |

A net deferred tax liability is included in other liabilities in the consolidated balance sheet as a result of temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and their related tax bases. The components of the net deferred tax liability follow:

| For the Year Ended December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | ---: |
| (In millions) |  |  |
| Deferred tax liabilities: | $\mathbf{\$ 3 , 6 9 5}$ | $\$ 4,042$ |
| Deferred income on lease financing | $\mathbf{4 8 6}$ | 315 |
| Prepaid pension costs | $\mathbf{4 8 7}$ | 461 |
| Deferred fee income | $\mathbf{2 6 6}$ | 176 |
| Other | $\mathbf{4 , 9 3 4}$ | 4,994 |
| Gross deferred tax liabilities | $\mathbf{1 , 4 8 8}$ | 1,691 |
| Deferred tax assets: | $\mathbf{2 1 5}$ | 289 |
| Allowance for credit losses | $\mathbf{2 8 4}$ | 257 |
| Purchased intangibles | $\mathbf{8 8 3}$ | 678 |
| Deferred compensation | $\mathbf{2 , 8 7 0}$ | 2,915 |
| Other | $\mathbf{\$ 2 , 0 6 4}$ | $\$ 2,079$ |
| Gross deferred tax assets |  |  |
| Net deferred tax liability |  |  |

As of December 31, 2003, the Corporation has foreign tax credit carryforwards totaling $\$ 25$ million. These credits will expire after 2005 if not used. Management believes that it is more likely than not that these credits will be used within the carryforward period.

## Note 22 - Lease Commitments

The Corporation has entered into a number of operating lease agreements for premises and equipment. The minimum annual rental commitments under these leases were as follows:

At December 31, 2003

| (In millions) |  |
| :--- | ---: |
| 2004 | $\$ 19$ |
| 2005 | 207 |
| 2006 | 187 |
| 2007 | 164 |
| 2008 | 150 |
| 2009 and thereafter | 879 |
| Total | $\$ 1,806$ |

Rental income from premises leased to others in the amount of $\$ 74$ million in 2003, $\$ 78$ million in 2002 and $\$ 77$ million in 2001 has reduced occupancy expense. Rental expense under operating leases approximated $\$ 327$ million in 2003, \$328 million in 2002 and \$332 million in 2001.

## Note 23 - Financial Instruments with Off-Balance Sheet Risk

In the normal course of business, the Corporation is a party to financial instruments containing credit and/or market risks that are not required to be reflected in the balance sheet. These financial instruments are primarily credit-related instruments. The Corporation has risk management policies to identify, monitor and limit exposure to credit, liquidity and market risks.

The following disclosures represent the Corporation's credit exposure, assuming that every counterparty to financial instruments with off-balance sheet credit risk fails to perform completely according to the terms of the contracts, and that the collateral and other security, if any, proves to be of no value to the Corporation.

This note does not address the amount of market losses the Corporation would incur if future changes in market prices make financial instruments with off-balance sheet market risk less valuable or more onerous. For a more detailed discussion of off-balance sheet activities see the "Off-Balance Sheet Activities" section on page 74.

## (a) Collateral and Other Security Arrangements

The credit risk of both on- and off-balance sheet financial instruments varies based on many factors, including the value of collateral held and other security arrangements. To mitigate credit risk, the Corporation generally determines the need for specific covenant, guarantee and collateral requirements on a case-by-case basis, depending on the nature of the financial instrument and the customer's creditworthiness. The Corporation may also receive comfort letters and oral assurances. The amount and type of collateral held to reduce credit risk varies but may include real estate, machinery, equipment, inventory and accounts receivable, as well as cash on deposit, stocks, bonds and other marketable securities that are generally held in the Corporation's possession or at another appropriate custodian or depository. This collateral is valued and inspected on a regular basis to ensure both its existence and adequacy. Additional collateral is requested when appropriate. Credit derivatives and credit insurance have also been purchased to further reduce the credit risk inherent in these contracts.

## (b) Credit-Related Financial Instruments

Summarized credit-related financial instruments, including both commitments to extend credit and letters of credit were as follows:

| At December 31, | $\mathbf{2 0 0 3}$ | 2002 |
| :--- | ---: | ---: |
| (In millions) |  |  |
| Unused credit card lines | $\mathbf{\$ 3 4 8 , 0 3 7}$ | $\$ 337,470$ |
| Unused loan commitments | $\mathbf{1 0 9 , 0 0 1}$ | 134,844 |
| Commercial letters of credit | $\mathbf{8 4 0}$ | 545 |

Effective December 31, 2003, the Corporation consolidated certain variable interest entities related to the asset-backed conduit business in accordance with FIN No. 46. The multi-seller conduits had unfunded commitments outstanding of $\$ 12.8$ billion as of December 31, 2003 to purchase additional assets from customers. Investors in the multi-seller conduits have no recourse to the general assets of the Corporation. For additional information, see the "Asset-Backed Finance Programs" discussion beginning on page 74 .

Since many of the unused commitments are expected to expire unused or be only partially used, the total amount of these unused commitments does not necessarily represent future cash requirements.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Credit card lines allow customers to use a credit card to buy goods or services and to obtain cash advances. However, the Corporation has the right to change or terminate any terms or conditions of a customer's credit card account, upon notification to the customer. Loan commitments are agreements to make or acquire a loan or lease as long as the agreed-upon terms (e.g., expiry, covenants or notice) are met. The Corporation's commitments to purchase or extend loans help its customers meet their liquidity needs.

Commercial letters of credit are issued or confirmed to ensure payment of customers' payables or receivables in short-term international trade transactions. Generally, drafts will be drawn when the underlying transaction is consummated as intended. However, the short-term nature of this instrument serves to mitigate the risk associated with these contracts.

## (c) Financial Guarantees

The following is a summary of instruments that are considered financial guarantees in accordance with FIN No. 45:

|  | Year Ended December 31, | 2003 |  | 2002 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (In | ions) | Contract Amount | Carrying Value(3) | Contract Amount | Carrying Value(3) |
| Sta | y letters of credit and foreign office guarantees (1) (2) | \$25,874 | \$291 | \$23,979 | \$218 |
| Loa | sold with recourse | 2,620 | 10 | 4,742 | 10 |
| Swap | guarantees | 102 | 4 | 222 | 9 |
| Ass | purchase agreements (4) | 2,155 | - | 2,453 | - |
| (1) | The contract amount of financial standby letters of credit and foreign office guarantees and performance standby letters of credit and foreign office guarantees totaled $\$ 22.6$ billion and $\$ 3.3$ billion and $\$ 20.4$ billion and $\$ 3.6$ billion at December 31, 2003 and 2002, respectively. |  |  |  |  |
| (2) | Includes $\$ 8.8$ billion and $\$ 7.1$ billion at December 31, 2003, and December 31, 2002, respectively, participated to other institutions. |  |  |  |  |
| (3) | The carrying value of financial guarantees includes amounts deferred and recognized in income over the life of the contract and amounts accrued for inherent losses in accordance with FASB Statement No. 5, "Accounting for Contingencies" ("SFAS No. 5"). These amounts are reported in other liabilities. |  |  |  |  |
| (4) | Certain asset purchase agreements entered into in conjunction w these agreements. For additional discussion of the asset purchas | financial gu pages 74-7 | this new acco | due to the | e of certain of |

Standby letters of credit and foreign office guarantees are issued in connection with agreements made by customers to counterparties. If the customer fails to comply with the agreement, the counterparty may enforce the standby letter of credit or foreign office guarantee as a remedy. Credit risk arises from the possibility that the customer may not be able to repay the Corporation for standby letters of credit or foreign office guarantees.

The Corporation occasionally sells or securitizes loans with limited recourse. The recourse provisions require the Corporation to repurchase loans at par plus accrued interest upon a credit-related triggering event. Exposure to credit losses from these arrangements has been reduced with the purchase of credit insurance contracts that cover the majority of expected losses. Although expected losses are covered by insurance, the maximum exposure to credit losses is approximately the contract amount stated above.

The Corporation also sells put options that are considered a form of financial guarantee when the counterparties that purchase the contracts actually own the reference financial instrument (generally loans, commodities and equities). A put option sold by the Corporation provides the counterparty the right to sell (i.e., "put") the reference asset to the Corporation at a pre-determined price. The following table summarizes the Corporation's inventory of sold put options as of December 31, 2003, in which it is probable that the counterparty owns the reference financial instrument:

|  | Contract <br> Amount | Carrying <br> (In millions) |
| :--- | ---: | ---: |
| Loalue |  |  |

The Corporation, as lending agent, will indemnify certain customers in securities lending transactions from default by the parties borrowing the securities. This indemnification is covered by the Corporation obtaining and maintaining collateral provided by the borrower exceeding $100 \%$ of the underlying security's market value. The market value of securities indemnified by the Corporation were $\$ 3.5$ billion as of December 31, 2003 and $\$ 3.0$ billion as of December 31, 2002. Other types of indemnification agreements that function as financial guarantees are considered to have remote risk of loss, historical loss experience is negligible and maximum exposure to loss is not possible to estimate due to the pervasive, yet low risk, nature of these agreements.

## Note 24 - Fair Value of Financial Instruments

The Corporation is required to disclose the estimated fair value of its financial instruments in accordance with SFAS No. 107, "Disclosures about Fair Value of Financial Instruments." These disclosures do not attempt to estimate or represent the Corporation's fair value as a whole. The disclosure excludes assets and liabilities that are not financial instruments as well as the significant unrecognized value associated with core deposits and credit card relationships.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Fair value amounts disclosed represent point-in-time estimates that may change in subsequent reporting periods due to market conditions or other factors. Estimated fair value amounts in theory represent the amounts at which financial instruments could be exchanged or settled in a current transaction between willing parties. In practice, however, this may not be the case due to inherent limitations in the methodologies and assumptions used to estimate fair value. For example, quoted market prices may not be realized because the financial instrument may be
traded in a market that lacks liquidity; or a fair value derived using a discounted cash flow approach may not be the amount realized because of the subjectivity involved in selecting the underlying assumptions, such as projecting cash flows or selecting a discount rate. The fair value amount also may not be realized because it ignores transaction costs and does not include potential tax effects. The Corporation does not plan to dispose of, either through sale or settlement, the majority of its financial instruments at these estimated fair values.

Estimated fair values are determined as follows:

| At December 31, | 2003 |  | 2002 |  |
| :---: | :---: | :---: | :---: | :---: |
| (In millions) | Carrying Value | Estimated Fair Value | Carrying Value | Estimated Fair Value |
| Financial assets: |  |  |  |  |
| Cash and other short-term financial instruments (a) | \$ 35,951 | \$ 35,951 | \$ 37,001 | \$ 37,001 |
| Trading assets (a) | 11,584 | 11,584 | 7,190 | 7,190 |
| Investment securities (b) | 84,951 | 84,951 | 67,643 | 67,643 |
| Loans (c) | 138,147 | 135,557 | 148,125 | 146,649 |
| Allowance for loan losses | $(3,472)$ | - | $(3,923)$ | - |
| Loans, net | 134,675 | 135,557 | 144,202 | 146,649 |
| Derivative product assets (f) | 5,208 | 5,208 | 4,273 | 4,273 |
| Financial instruments in other assets (a) | 1,371 | 1,371 | 1,315 | 1,315 |
| Financial liabilities: |  |  |  |  |
| Deposits (d) | 164,621 | 165,421 | 170,008 | 171,312 |
| Securities sold not yet purchased (a) | 3,618 | 3,618 | 1,957 | 1,957 |
| Other short-term financial instruments (a) | 64,913 | 64,913 | 25,149 | 25,149 |
| Long-term debt ${ }^{(1)}$ (e) | 46,764 | 48,656 | 43,234 | 46,090 |
| Derivative product liabilities (f) | 4,050 | 4,050 | 3,838 | 3,838 |
| Financial instruments in other liabilities (a) | 1,268 | 1,268 | 1,532 | 1,532 |

(1) Includes trust preferred capital securities.
(a) Financial Instruments Whose Carrying Value Approximates Fair Value

A financial instrument's carrying value approximates its fair value when the financial instrument has an immediate or short-term maturity (generally one year or less), or is carried at fair value. Quoted market prices or dealer quotes typically are used to estimate fair values of trading securities and securities sold under repurchase agreements.
(b) Investment Securities

Quoted market prices typically are used to estimate the fair value of debt investment securities. Quoted market prices for similar securities are used to estimate fair value when a quoted market price is not available for a specific debt investment security. See Note 8, "Investment Securities," beginning on page 90 for the methodologies used to determine the fair value of equity investment securities.
(c) Loans

The loan portfolio was segmented based on loan type, credit quality and repricing characteristics. Carrying values are used to estimate fair values of certain variable rate loans with no significant credit concerns and frequent repricing. A discounted cash flow method was used to estimate the fair value of other loans. Discounting was based on the contractual cash flows, and discount rates typically are based on the year-end yield curve plus a spread that reflects pricing on loans with similar characteristics. If applicable, prepayment assumptions are factored into the fair value determination based on historical experience and current economic and lending conditions.

Commitments to extend credit and letters of credit typically result in loans with a market interest rate when funded. The recorded book value of deferred fee income and the reserve for unfunded commitments and standby letters of credit, approximates the fair value.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(d) Deposits

The amount payable on demand at the report date is used to estimate the fair value of demand and savings deposits with no defined maturity. A discounted cash flow method is used to estimate the fair value of fixed-rate time deposits. Discounting was based on the contractual cash flows and the current rates at which similar deposits with similar remaining maturities would be issued, adjusted for servicing costs. Typically, the carrying value is used to estimate the fair value of floating-rate time deposits.
(e) Long-Term Debt

Quoted market prices or the discounted cash flow method was used to estimate the fair value of the Corporation's fixed-rate long-term debt. Discounting was based on the contractual cash flows and the current rates at which debt with similar terms could be issued. Typically, the carrying value is used to estimate the fair value of floating-rate long-term debt.
(f) Derivative Product Assets and Liabilities

Quoted market prices or valuation models that incorporate current market data inputs are used to estimate the fair value of derivative product assets and liabilities.

## Note 25 - Related Party Transactions

Certain executive officers, directors and their related interests are loan customers of the Corporation. These loans in the aggregate were less than $5 \%$ of stockholders' equity at December 31, 2003, and 2002.

## Note 26 - Pledged Assets

Assets having a book value of $\$ 46.5$ billion as of December 31, 2003, and $\$ 56.9$ billion as of December 31, 2002, were pledged as collateral for repurchase agreements, certain derivative instrument transactions, governmental and trust department deposits in accordance with federal and state requirements, and for other purposes required by law. The assets pledged generally were comprised of investment securities and loans. Of the total collateral pledged as of December 31, 2003, $\$ 7.8$ billion of collateral, which was comprised of securities posted as collateral for repurchase agreements, was permitted to be sold or repledged by the secured party. The Corporation does not issue equity puts.

The Corporation's bank affiliates are required to maintain average noninterestbearing cash balances in accordance with Federal Reserve Board regulations. The average required reserve balances were $\$ 2.6$ billion in 2003 and $\$ 2.5$ billion in 2002.

## Note 27 - Collateral Policy Related to Certain Asset Transfer Activity

It is the Corporation's policy to take possession of securities purchased under agreements to resell in order to secure the risk of counterparty nonperformance on a transaction. The Corporation monitors the fair value of the underlying securities as compared to the related receivable, including accrued interest, and adjusts the level of collateral as necessary. With respect to securities lent, the Corporation receives collateral to secure the risk of counterparty nonperformance in the form of cash or other collateral, in an amount generally in excess of the fair value of the lent securities. The Corporation monitors the fair value of the securities lent on a daily basis, and additional cash or securities are obtained as necessary. At December 31, 2003, and 2002, the fair value of collateral accepted by the Corporation in connection with these activities was $\$ 10.6$ billion and $\$ 7.0$ billion, respectively, of which, $\$ 9.8$ billion and $\$ 6.6$ billion, respectively, had been sold or repledged as of the balance sheet date.

The maximum outstanding amount of securities under resale and securities borrowing agreements at any month end during 2003 and 2002 was $\$ 15.4$ billion and $\$ 8.1$ billion, respectively. The average outstanding amount of securities under resale and securities borrowing agreements during 2003 and 2002 was $\$ 10.3$ billion and $\$ 6.5$ billion, respectively.

## Note 28 - Contingent Liabilities

The Corporation and certain of its subsidiaries have been named as defendants in various legal proceedings, including certain class actions, arising out of the normal course of business or operations. In certain of these proceedings, which are based on alleged violations of consumer protection, securities, banking, insurance and other laws, rules or principles, substantial money damages are asserted against the Corporation and its subsidiaries. Since the Corporation and certain of its subsidiaries, which are regulated by one or more federal and state regulatory authorities, are the subject of numerous examinations and reviews by such authorities, the Corporation also is and will be, from time to time, normally engaged in various disagreements with regulators, related primarily to its financial services businesses. The Corporation has also received certain tax deficiency assessments. In view of the inherent difficulty of predicting the outcome of such matters, the Corporation cannot state what the eventual outcome of pending matters will be; however, based on current knowledge and after consultation with counsel, management does not believe that liabilities arising from these matters, if any, will have a material adverse effect on the consolidated financial position or results of operations of the Corporation.

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 29 - Parent Company Only Condensed Financial Statements
Condensed Balance Sheets

| At December 31, | 2003 | 2002 |
| :---: | :---: | :---: |
| (In millions) |  |  |
| Assets |  |  |
| Cash and due from banks: |  |  |
| Bank subsidiaries | \$ 14 | \$ 6 |
| Interest-bearing due from banks: |  |  |
| Bank subsidiaries | 3,907 | 7,128 |
| Securities purchased under resale agreement | 52 | 50 |
| Investment securities | 36 | 20 |
| Loans and receivables-subsidiaries: |  |  |
| Bank subsidiaries | 5,660 | 5,304 |
| Nonbank subsidiaries | 9,764 | 7,096 |
| Investment in subsidiaries: |  |  |
| Bank subsidiaries | 24,550 | 24,943 |
| Nonbank subsidiaries | 2,910 | 1,630 |
| Other assets | 784 | 834 |
| Total assets | \$47,677 | \$47,011 |
| Liabilities and Stockholders' Equity |  |  |
| Short-term borrowings: |  |  |
| Nonbank subsidiaries | \$ 67 | \$ 63 |
| Other | 141 | 457 |
| Long-term debt: |  |  |
| Nonbank subsidiaries | 3,412 | 3,411 |
| Other | 19,154 | 19,407 |
| Other liabilities | 1,484 | 1,233 |
| Total liabilities | 24,258 | 24,571 |
| Stockholders' equity | 23,419 | 22,440 |
| Total liabilities and stockholders' equity | \$47,677 | \$47,011 |

## Condensed Income Statements

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Operating Income: |  |  |  |
| Dividends: |  |  |  |
| Bank subsidiaries | \$ 3,553 | \$ 1,634 | \$ 1,645 |
| Nonbank subsidiaries | 371 | 57 | 209 |
| Interest income: |  |  |  |
| Bank subsidiaries | 196 | 289 | 655 |
| Nonbank subsidiaries | 348 | 316 | 381 |
| Other | 3 | 1 | 3 |
| Other income (loss): |  |  |  |
| Bank subsidiaries | (56) | 1 | 5 |
| Other | (8) | (11) | (2) |
| Total operating income | 4,407 | 2,287 | 2,896 |
| Operating Expense: |  |  |  |
| Interest expense: |  |  |  |
| Nonbank subsidiaries | 250 | 253 | 234 |
| Other | 792 | 943 | 1,308 |
| Restructuring-related reversals | - | (12) | (12) |
| Salaries and employee benefits | - | ( | (1) |
| Professional fees and services | - | - | 2 |
| Other expense | 177 | 5 | 34 |
| Total operating expense | 1,219 | 1,189 | 1,565 |
| Income before income taxes and cumulative effect of change in accounting principle and equity in undistributed net income of subsidiaries | 3,188 | 1,098 | 1,331 |
| Applicable income tax benefit | (284) | (224) | (202) |
| Income before cumulative effect of change in accounting principle and equity in undistributed net income of subsidiaries | 3,472 | 1,322 | 1,533 |
| Equity in undistributed net income (loss) of subsidiaries: |  |  |  |
| Bank subsidiaries | (130) | 2,181 | 1,300 |
| Nonbank subsidiaries | 193 | (208) | (151) |
| Income before cumulative effect of change in accounting principle | 3,535 | 3,295 | 2,682 |
| Cumulative effect of change in accounting principle, net of taxes (\$25) | 仡 | - | (44) |
| Net income | \$ 3,535 | \$ 3,295 | \$ 2,638 |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 30 - Continued-Parent Company Only Condensed Financial Statements
Condensed Statements of Cash Flows

| For the Year Ended December 31, | 2003 | 2002 | 2001 |
| :---: | :---: | :---: | :---: |
| (In millions) |  |  |  |
| Cash Flows from Operating Activities: |  |  |  |
| Net income | \$ 3,535 | \$ 3,295 | \$ 2,638 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |
| Equity in net income of subsidiaries | $(3,987)$ | $(3,664)$ | $(3,003)$ |
| Cumulative effect of accounting change of subsidiaries | - | - | 69 |
| Dividends received from subsidiaries | 3,924 | 1,691 | 1,854 |
| Other operating adjustments | (87) | 1,123 | 68 |
| Net cash provided by operating activities | 3,385 | 2,445 | 1,626 |
| Cash Flows from Investing Activities: |  |  |  |
| Change in loans to subsidiaries | $(2,993)$ | 1,550 | (435) |
| Change in capital investments in subsidiaries | (702) | (262) | (412) |
| Purchase of investment securities-available for sale | (62) | (15) | (79) |
| Proceeds from sales and maturities of investment securities-available for sale | 2 | 16 | 189 |
| Other, net | 42 | (19) | (30) |
| Net cash (used in) provided by investing activities | $(3,713)$ | 1,270 | (767) |
| Cash Flows from Financing Activities: |  |  |  |
| Change in commercial paper and short-term borrowings | (318) | (100) | (624) |
| Proceeds from issuance of long-term debt | 3,019 | 1,854 | 6,414 |
| Redemption and repayment of long-term debt | $(2,882)$ | $(4,375)$ | $(5,495)$ |
| Dividends paid | $(1,005)$ | (982) | (991) |
| Proceeds from issuance of common and treasury stock | 370 | 292 | 191 |
| Purchase of treasury stock | $(2,069)$ | (617) | (78) |
| Payment for redemption of preferred stock | - | - | (190) |
| Net cash used in financing activities | $(2,885)$ | $(3,928)$ | (773) |
| Net (Decrease) Increase in Cash and Cash Equivalents | $(3,213)$ | (213) | 86 |
| Cash and Cash Equivalents at Beginning of Year | 7,134 | 7,347 | 7,261 |
| Cash and Cash Equivalents at End of Year | \$ 3,921 | \$ 7,134 | \$ 7,347 |
| Other Cash Flow Disclosures: |  |  |  |
| Interest paid | \$ 1,031 | \$ 1,246 | \$ 1,501 |
| Income tax received | (195) | (539) | (374) |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 31- Quarterly Financial Data (Unaudited)

|  | 2003 |  |  |  |  |  |  |  | 2002 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fourth |  | Third |  | Second |  | First |  | Fourth |  | Third |  | Second |  | First |  |
| (In millions, except per share data, ratios, and headcount) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement Data: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total revenue, net of interest expense | \$ | 4,113 | \$ | 4,084 | \$ | 4,072 | \$ | 3,943 | \$ | 4,197 | \$ | 4,154 | \$ | 4,250 | \$ | 4,134 |
| Net interest income- fully taxable-equivalent |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Noninterest income |  | 2,004 |  | 1,998 |  | 2,102 |  | 1,959 |  | 2,053 |  | 1,966 |  | 2,217 |  | 1,944 |
| Provision for credit losses |  | 672 |  | 416 |  | 461 |  | 496 |  | 628 |  | 587 |  | 607 |  | 665 |
| Noninterest expense |  | 2,656 |  | 2,421 |  | 2,403 |  | 2,297 |  | 2,371 |  | 2,404 |  | 2,427 |  | 2,344 |
| Income from continuing operations |  | 593 |  | 874 |  | 847 |  | 811 |  | 832 |  | 813 |  | 835 |  | 776 |
| Income from discontinued operations |  | 385 |  | 9 |  | 9 |  | 7 |  | 10 |  | 10 |  | 8 |  | 11 |
| Net income |  | 978 |  | 883 |  | 856 |  | 818 |  | 842 |  | 823 |  | 843 |  | 787 |
| Per Common Share Data: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Basic earnings per share: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income from continuing operations | \$ | 0.53 | \$ | 0.78 | \$ | 0.75 | \$ | 0.70 | \$ | 0.72 | \$ | 0.70 | \$ | 0.71 | \$ | 0.66 |
| Income from discontinued operations |  | 0.35 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |
| Net income | \$ | 0.88 | \$ | 0.79 | \$ | 0.76 | \$ | 0.71 | \$ | 0.73 | \$ | 0.71 | \$ | 0.72 | \$ | 0.67 |
| Diluted earnings per share: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income from continuing operations | \$ | 0.53 | \$ | 0.78 | \$ | 0.74 | \$ | 0.70 | \$ | 0.71 | \$ | 0.69 | \$ | 0.70 | \$ | 0.66 |
| Income from discontinued operations |  | 0.34 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |  | 0.01 |
| Net income |  | 0.87 |  | 0.79 |  | 0.75 |  | 0.71 |  | 0.72 |  | 0.70 |  | 0.71 |  | 0.67 |
| Cash dividends declared |  | 0.25 |  | 0.25 |  | 0.21 |  | 0.21 |  | 0.21 |  | 0.21 |  | 0.21 |  | 0.21 |
| Book value |  | 20.92 |  | 20.05 |  | 19.70 |  | 19.44 |  | 19.28 |  | 18.79 |  | 18.37 |  | 17.81 |
| Balance Sheet Data - Ending Balances: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Loans |  | 138,147 |  | 141,710 |  | 144,583 |  | 144,747 |  | 148,125 |  | 50,389 |  | 47,728 |  | 52,126 |
| Total assets |  | 326,563 |  | 290,473 |  | 299,999 |  | 288,464 |  | 277,985 |  | 74,755 |  | 70,912 |  | 63,516 |
| Deposits |  | 164,621 |  | 163,411 |  | 172,015 |  | 167,075 |  | 170,008 |  | 64,036 |  | 57,518 |  | 58,803 |
| Long-term debt (2) |  | 46,764 |  | 44,225 |  | 46,070 |  | 44,950 |  | 43,234 |  | 42,481 |  | 43,756 |  | 44,194 |
| Common stockholders' equity |  | 23,419 |  | 22,411 |  | 22,257 |  | 22,316 |  | 22,440 |  | 21,925 |  | 21,563 |  | 20,913 |
| Total stockholders' equity |  | 23,419 |  | 22,411 |  | 22,257 |  | 22,316 |  | 22,440 |  | 21,925 |  | 21,563 |  | 20,913 |
| Credit Quality Ratios: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net charge-offs to average loans |  | 3.11\% |  | 1.50\% |  | 1.35\% |  | 1.35\% |  | 1.65\% |  | 1.55\% |  | 1.62\% |  | 1.71\% |
| Allowance for loan losses to period end loans |  | 2.75 |  | 2.98 |  | 2.95 |  | 2.87 |  | 2.78 |  | 2.77 |  | 2.78 |  | 2.68 |
| Allowance for credit losses to period end loans |  | 3.14 |  | 3.34 |  | 3.35 |  | 3.31 |  | 3.20 |  | 3.17 |  | 3.19 |  | 3.06 |
| Nonperforming assets to related assets(3) |  | 1.73 |  | 2.06 |  | 2.28 |  | 2.38 |  | 2.38 |  | 2.48 |  | 2.65 |  | 2.58 |
| Financial Performance: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on average assets |  | 1.38\% |  | 1.23\% |  | 1.24\% |  | 1.22\% |  | 1.23\% |  | 1.24\% |  | 1.32\% |  | 1.21\% |
| Return on average common equity |  | 16.8 |  | 15.8 |  | 15.3 |  | 14.7 |  | 15.0 |  | 14.8 |  | 15.7 |  | 15.3 |
| Net interest margin |  | 3.50 |  | 3.45 |  | 3.37 |  | 3.45 |  | 3.65 |  | 3.83 |  | 3.67 |  | 3.89 |
| Efficiency ratio |  | 63.9 |  | 58.7 |  | 58.5 |  | 57.7 |  | 56.0 |  | 57.3 |  | 56.6 |  | 56.2 |
| Headcount (4) |  | 71,196 |  | 71,240 |  | 72,323 |  | 74,077 |  | 73,685 |  | 73,535 |  | 73,579 |  | 73,864 |
| Capital Ratios: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Risk-based capital: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tier 1 |  | 10.0\% |  | 9.8\% |  | 9.7\% |  | 10.0\% |  | 9.9\% |  | 9.5\% |  | 9.4\% |  | 9.0\% |
| Total |  | 13.7 |  | 13.5 |  | 13.6 |  | 13.8 |  | 13.7 |  | 13.0 |  | 13.0 |  | 12.7 |
| Leverage |  | 8.8 |  | 8.4 |  | 8.7 |  | 8.9 |  | 8.9 |  | 9.0 |  | 9.1 |  | 8.6 |
| Common Stock Data: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average shares outstanding: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Basic |  | 1,109 |  | 1,115 |  | 1,132 |  | 1,148 |  | 1,157 |  | 1,162 |  | 1,174 |  | 1,170 |
| Diluted |  | 1,122 |  | 1,124 |  | 1,140 |  | 1,156 |  | 1,166 |  | 1,171 |  | 1,184 |  | 1,179 |
| Stock price: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High | \$ | 45.70 | \$ | 40.06 | \$ | 39.99 | \$ | 38.70 | \$ | 40.05 | \$ | 41.20 | \$ | 42.53 | \$ | 42.45 |
| Low |  | 39.44 |  | 37.02 |  | 34.90 |  | 33.94 |  | 32.59 |  | 32.90 |  | 37.02 |  | 34.56 |
| Close |  | 45.59 |  | 38.65 |  | 37.18 |  | 34.62 |  | 36.55 |  | 37.40 |  | 38.48 |  | 41.78 |
| Net interest income-FTE includes taxable equivalent adjustments of $\$ 45$ million, $\$ 41$ million, $\$ 39$ million and $\$ 37$ million for quarters ended December 31, 2003, September 30, 2003, June 30, 2003 and March 31, 2003, respectively. Net interest income-FTE includes taxable equivalent adjustments of $\$ 36$ million, $\$ 38$ million, $\$ 36$ million and $\$ 35$ million for quarters ended December 31,2002 , September 30 , 2002, June 30 , 2002 and March 31 , 2002, respectively. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Includes trust preferred capital securities. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Related assets consist of loans outstanding, includ | (3) Related assets consist of loans outstanding, including loans held for sale, and other real estate owned. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## Note 32 - Subsequent Events

On January 14, 2004, the Corporation announced an agreement to merge with JPMorgan Chase in a strategic business combination establishing the second largest banking franchise in the United States, based on core deposits. The combined entity will have assets of approximately $\$ 1.1$ trillion.

The agreement provides for a stock-for-stock merger in which 1.32 shares of JPMorgan Chase common stock will be exchanged, on a tax-free basis, for each share of Bank One common stock. This transaction is expected to close in mid-2004 pending regulatory and shareholder approvals.

See Note 20, "Stock-Based Compensation," beginning on page 101 for a discussion of the potential impact on certain employee stock-based awards.

On January 20, 2004, the Corporation announced an agreement to buy Circuit City's private-label credit card operation, including both its private-label credit card accounts and its co-branded Circuit City Plus Visa credit card accounts for the par value of the receivables, and to enter into an arrangement under which it will offer private-label and co-branded credit cards to both new and existing Circuit City customers.

As part of the ongoing relationship, the Corporation will compensate Circuit City for each new account opened and provide special financing terms for Circuit City customers. At November 30, 2003, the private-label operation included receivables and related cash reserves of $\$ 1.8$ billion and approximately 1.5 million active customers.

Reproduced below is the Report of Independent Public Accountants to the Board of Directors and Stockholders of Bank One dated January 20, 2004 included in Bank One’s Annual Report on Form 10-K for the year ended December 31, 2003.

## REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS

The Board of Directors and Stockholders Bank One Corporation:

We have audited the accompanying consolidated balance sheets of Bank One Corporation and subsidiaries ("the Corporation") as of December 31, 2003 and 2002, and the related consolidated statements of income, stockholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2003. These consolidated financial statements are the responsibility of the Corporation's Management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Corporation as of December 31, 2003 and 2002, and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2003, in conformity with accounting principles generally accepted in the United States of America.

As discussed in Note 1 to the consolidated financial statements, effective December 31, 2003, the Corporation adopted the provisions of FASB Interpretation No. 46, "Consolidation of Variable Interest Entities." In addition, as discussed in Note 4 to the consolidated financial statements, the Corporation discontinued and sold its corporate trust services business in 2003. The gain on sale and the results of the discontinued operations are included in income from discontinued operations in the accompanying consolidated financial statements.

## KPres LTF

Chicago, Illinois
January 20, 2004

## Pro Forma Financial Information

Set forth below is unaudited pro forma combined financial information and explanatory notes for JPMorgan Chase and Bank One, which information presents how the combined financial statements of JPMorgan Chase and Bank One may have appeared had the businesses actually been combined as of the date indicated.

## JPMORGAN CHASE/ BANK ONE

## UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION

The following unaudited pro forma combined financial information and explanatory notes present how the combined financial statements of JPMorgan Chase and Bank One may have appeared had the businesses actually been combined as of the date indicated. The unaudited pro forma combined balance sheet at December 31, 2003 assumes the Merger was completed on that date. The unaudited pro forma combined income statement for the year ended December 31, 2003 gives effect to the merger as if the Merger had been completed on January 1, 2003. The unaudited pro forma combined financial information shows the impact of the Merger on JPMorgan Chase's and Bank One's combined financial position and results of operations under the purchase method of accounting with JPMorgan Chase treated as the acquiror. Under this method of accounting, JPMorgan Chase will record the assets and liabilities of Bank One at their estimated fair values as of the date the Merger is completed.

The unaudited pro forma combined financial information has been derived from and should be read in conjunction with the historical consolidated financial statements and the related notes of both JPMorgan Chase and Bank One.

The unaudited pro forma combined financial information is presented for illustrative purposes only and does not indicate the financial results of the combined company had the companies actually been combined at the beginning of the period presented and had the impact of possible revenue enhancements, expense efficiencies, asset dispositions and share repurchases, among other factors, been considered. In addition, as explained in more detail in the accompanying notes to unaudited pro forma combined financial information, the allocation of the purchase price reflected in the unaudited pro forma combined financial information is subject to adjustment and will vary from the actual purchase price allocation that will be recorded upon completion of the merger based upon changes in the balance sheet including fair value estimates.

## JPMORGAN CHASE/ BANK ONE

## UNAUDITED PRO FORMA COMBINED INCOME STATEMENT

 For the Year Ended December 31, 2003In millions (except per share data)


The notes to unaudited pro forma combined financial information are an integral part of these statements.

## Table of Contents

## JPMORGAN CHASEI BANK ONE

## UNAUDITED PRO FORMA COMBINED BALANCE SHEET <br> December 31, 2003

(in millions)

| Assets | JPMorgan Chase |  | Bank One |  | Reporting Reclassifications |  | Pro Forma Adjustments |  | Pro Forma Combined |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and due from banks | \$ | 20,268 | \$ | 17,089 | \$ | - | \$ | $(2,118)(\mathrm{N})$ | \$ | 35,239 |
| Deposits with banks |  | 10,175 |  | 3,093 |  |  |  |  |  | 13,268 |
| Federal funds sold and securities purchased under resale agreements |  | 76,868 |  | 15,551 |  | $(4,423)(1)$ |  |  |  | 87,996 |
| Securities borrowed |  | 41,834 |  | - |  | 4,423(1) |  |  |  | 46,257 |
| Trading assets: |  |  |  |  |  |  |  |  |  |  |
| Debt and equity instruments |  | 169,120 |  | 11,584 |  |  |  |  |  | 180,704 |
| Derivative receivables |  | 83,751 |  | 5,208 |  |  |  |  |  | 88,959 |
| Securities |  | 60,244 |  | 84,951 |  | $(2,563)(2)$ |  |  |  | 142,632 |
| Interests in purchased receivables |  | - |  | 32,938 |  | 4,751(3) |  |  |  | 37,689 |
| Loans, net of allowance |  | 214,995 |  | 134,675 |  | $(4,751)(3)$ |  | 882(A) |  | 345,801 |
| Private equity investments |  | 7,250 |  | - |  | 2,563(2) |  |  |  | 9,813 |
| Accrued interest and accounts receivable |  | 12,356 |  | - |  | $(12,356)(4)$ |  |  |  | - |
| Premises and equipment |  | 6,487 |  | 2,960 |  |  |  | (200)(R) |  | 9,247 |
| Goodwill |  | 8,511 |  | 2,061 |  |  |  |  |  | 41,220 |
|  |  |  |  |  |  |  |  | $\begin{array}{r} (2,061)(\mathrm{C}) \\ (70)(\mathrm{B}) \end{array}$ |  |  |
| Other intangibles |  | 6,480 |  | 758 |  |  |  | 3,600(E) |  | 16,505 |
|  |  |  |  |  |  |  |  | 4,900(E) |  |  |
|  |  |  |  |  |  |  |  | $\begin{gathered} 1,525(\mathrm{E}) \\ (758)(\mathrm{D}) \end{gathered}$ |  |  |
| Other assets |  | 52,573 |  | 15,695 |  | 12,356(4) |  | $\begin{gathered} 103(\mathrm{~F}) \\ (823)(\mathrm{P}) \end{gathered}$ |  | 79,904 |
| Total assets | \$ | 770,912 | \$ | 326,563 | \$ | - | \$ | 37,759 | \$ | 1,135,234 |
| Liabilities |  |  |  |  |  |  |  |  |  |  |
| Deposits - U.S. Noninterest-bearing | \$ | 73,154 | \$ | - | \$ | 44,316(5,6) | \$ | $(2,118)(\mathrm{N})$ | \$ | 115,352 |
| Interest-bearing |  | 125,855 |  | - |  | 102,286(6) |  | 680(G) |  | 228,821 |
| Demand |  | - |  | 24,485 |  | $(24,485)(5)$ |  |  |  | - |
| Savings |  | - |  | 99,175 |  | $(99,175)(6)$ |  |  |  | - |
| Time |  | - |  | 22,942 |  | $(22,942)(6)$ |  |  |  | - |
| Foreign offices 127,483 18,019 $145(G)$ |  |  |  |  |  |  |  |  |  |  |
| Fed and funds purchased and securities sold under repurchase agreements |  | 113,466 |  | 20,573 |  |  |  |  |  | 134,039 |
| Commercial paper |  | 14,284 |  | - |  | 335(7) |  |  |  | 14,619 |
| Other borrowed funds |  | 8,925 |  | 47,740 |  | (335)(7) |  |  |  | 15,803 |
|  |  |  |  |  |  | $(36,909)(8)$ |  |  |  |  |
|  |  |  |  |  |  | $(3,618)(9)$ |  |  |  |  |
| Trading liabilities: |  |  |  |  |  |  |  |  |  |  |
| Debt and equity instruments |  | 78,222 |  | - |  | 3,618(9) |  |  |  | 81,840 |
| Derivative payables |  | 71,226 |  | 4,050 |  |  |  |  |  | 75,276 |
| Accounts payable, accrued expenses and other liabilities |  | 45,066 |  | 12,683 |  |  |  | 2,174(H) |  | 59,947 |
|  |  |  |  |  |  |  |  | $\begin{gathered} 94(\mathrm{Q}) \\ (70)(\mathrm{B}) \end{gathered}$ |  |  |
| Beneficial interests issued by consolidated variable interest entities |  | 12,295 |  | - |  | 39,574(8) |  |  |  | 51,869 |
| Long-term debt |  | 48,014 |  | 46,764 |  | $(2,665)(8)$ |  | $\begin{gathered} 1,892(\mathrm{I}) \\ (3,315)(\mathrm{F}) \end{gathered}$ |  | 90,690 |
| Junior subordinated deferrable interest debentures held by trusts that issued guaranteed capital debt securities |  | 6,768 |  | - |  |  |  | $\begin{array}{r} 3,315(F) \\ 103(F) \end{array}$ |  | 10,186 |
| Insurance policy and claims reserves |  | - |  | 6,713 |  |  |  |  |  | 6,713 |
| Total liabilities |  | 724,758 |  | 303,144 |  | - |  | 2,875 |  | 1,030,777 |
| Stockholders' Equity |  |  |  |  |  |  |  |  |  |  |
| Preferred stock |  | 1,009 |  | - |  |  |  |  |  | 1,009 |
| Common stock |  | 2,044 |  | 12 |  |  |  | 1,465(J) |  | 3,509 |
|  |  |  |  |  |  |  |  | (12)(J) |  |  |
| Capital surplus |  | 13,512 |  | 10,290 |  |  |  | 56,838(J) |  | 70,350 |
|  |  |  |  |  |  |  |  | $(10,290)(\mathrm{J})$ |  |  |
| Retained earnings |  | 29,681 |  | 15,514 |  |  |  | $(15,514)(\mathrm{J})$ |  | 29,681 |
| Accumulated other comprehensive income (loss) |  | (30) |  | 127 |  |  |  | (127)(J) |  | (30) |
| Deferred compensation |  | - |  | (189) |  |  |  | 189(J) |  | - |
| Treasury stock |  | (62) |  | $(2,335)$ |  |  |  | 2,335(J) |  | (62) |
| Total stockholders' equity |  | 46,154 |  | 23,419 |  | - |  | 34,884 |  | 104,457 |
| Total liabilities and stockholders' equity | \$ | 770,912 | \$ | 326,563 | \$ | - | \$ | 37,759 | \$ | 1,135,234 |

The notes to unaudited pro forma combined financial information are an integral part of these statements.

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION

## Note 1 - Basis of Pro Forma Presentation

The unaudited pro forma combined financial information relating to the merger is presented as of and for the year ended December 31, 2003. The Reporting Reclassifications column represents the change in presentation of certain amounts on the historical consolidated financial statements of Bank One and JPMorgan Chase to conform with the preliminary presentation for the combined entity. For purposes of identifying the reclassification between line items on the financial statements, numerical references are provided to reflect where certain balances have been reclassified. Final determination of financial statement presentation will be completed upon consummation of the merger. During the fourth quarter of 2003, Bank One sold its corporate trust services business to JPMorgan Chase and reported it as discontinued operations. For purposes of the accompanying pro forma financial information, Bank One's income from discontinued operations has been reclassified to income from continuing operations to reflect the retention of this business in the combined entity. In addition, the gain recognized by Bank One on the sale of the corporate trust business has not been included in these pro forma results.

JPMorgan Chase and Bank One are in the process of reviewing their accounting and reporting policies and, as a result of this review, it may be necessary to reclassify either JPMorgan Chase's or Bank One's financial statements to conform to those accounting policies that are determined by the combined company to be most appropriate. While some reclassifications of prior periods have been included in the unaudited pro forma combined financial information included in this document, further reclassifications may be necessary upon the completion of this review.

Material intercompany transactions have been eliminated from the accompanying unaudited pro forma combined financial information. However the information does not reflect the elimination of hedge accounting results and positions for certain intercompany derivatives. Management believes this presentation is more reflective of the pro forma results of the combined entity, as such derivatives qualified for hedge accounting in the periods presented and will continue to qualify as hedges until the date the merger is completed, and it is management's intent to continue hedging with third parties subsequent to closing.

The pro forma adjustments include purchase price adjustments including the conversion of Bank One common stock into JPMorgan Chase common stock using an exchange ratio of 1.32 applied to $1,109,949,000$ shares of Bank One common stock outstanding at December 31, 2003 multiplied by the average share price of $\$ 39.02$ per share of JPMorgan Chase common stock. The share price was computed using the average closing price of JPMorgan Chase common stock for the period commencing two trading days prior to and ending two trading days after the merger was announced on January 14, 2004. Also included in the purchase price is the estimated fair value of $\$ 1.134$ billion representing 59.9 million vested employee stock options of Bank One that will be converted into options for JPMorgan Chase common stock upon consummation of the merger. The total estimated purchase price for purposes of this pro forma financial information is $\$ 58.303$ billion.

The merger will be accounted for using the purchase method of accounting requiring the assets and liabilities of Bank One to be fair-valued as of the date of acquisition.

The unaudited pro forma combined financial information includes estimated adjustments to record the assets and liabilities of Bank One at their respective fair values and represents management's best estimates based on information available at this time. The pro forma adjustments may be revised as additional information becomes available and additional analysis is performed. The final allocation of the purchase price will be determined after the merger is completed and after completion of a final analysis to determine the fair values of Bank One's tangible and identifiable intangible assets and liabilities as of the closing date. The final purchase

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION - (Continued)

accounting adjustments may be materially different from the pro forma adjustments presented in this document. Increases or decreases in the fair value of certain balance sheet amounts including loans, credit card and related intangible assets, securities, deposits and related intangibles and debt will result in adjustments to the balance sheet and/or income statement. Such adjustments compared to the information shown in this document may change the amount of the purchase price allocated to goodwill and other assets and liabilities and may impact the statement of income due to adjustments in yield and/or amortization of the adjusted assets or liabilities.

The unaudited pro forma combined financial information presented in this document does not necessarily indicate the combined results of operations or the combined financial position that would have resulted had the merger actually been completed at the beginning of the applicable period presented, nor is it indicative of the results of operations in future periods or the future financial position of the combined company.

The merger is expected to result in annual cost savings of approximately $\$ 2.2$ billion (pre-tax) to be achieved over a three-year period following the consummation of the merger. These expected savings have not been included in the pro forma combined amounts.

It is anticipated that the merger will result in restructuring and merger-related costs of approximately $\$ 3.0$ billion, pre-tax. Under current accounting rules, a portion of these costs will not be accruable at the closing of the merger. The detailed plans for the restructuring initiatives have not been finalized and, as such, the amount of restructuring costs accruable at the closing of the merger has not been determined. None of the anticipated restructuring costs have been reflected in the unaudited pro forma combined balance sheet or in the unaudited pro forma combined income statement.

## Note 2 - Reporting Reclassifications

## Income Statement

1 - Adjustment to reclassify Bank One's investment banking fees from Banking fees and commissions into Investment banking fees to conform with JPMorgan Chase's classification.

2 - Adjustment to reclassify Bank One’s Banking fees and commissions (other than mortgage fees and related income and investment banking fees) into Fees and commissions to conform with JPMorgan Chase's classification.

3 - Adjustment to reclassify Bank One's mortgage fees and related income from Banking fees and commissions to Mortgage fees and related income to conform with JPMorgan Chase's classification.

4 - Adjustment to reclassify Bank One's Private equity gains from Securities gains into Private equity gains to conform with JPMorgan Chase's classification.

5 - Adjustment to reclassify JPMorgan Chase's credit card revenue from Fees and commissions into Credit card revenue to conform with the combined JPMorgan Chase's classification.

6 - Adjustment to reclassify Bank One's Service charges on deposits into Fees and commissions to conform with JPMorgan Chase's classification.
7 - Adjustment to reclassify Bank One’s Fiduciary and investment management fees into Fees and commissions to conform with JPMorgan Chase’s classification.

8 - Adjustment to reclassify Bank One's mortgage related income within Other revenue to Mortgage fees and related income to conform with JPMorgan Chase's classification.

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION - (Continued)

9 - Adjustment to reclassify Bank One's Equipment expense to Technology and communications expense to conform with JPMorgan Chase's classification.

10 - Adjustment to reclassify Bank One’s Outside service fees and processing into Other expense to conform with JPMorgan Chase's classification.

11 - Adjustment to reclassify Bank One’s Marketing and development expense into Other expense to conform with JPMorgan Chase's classification.
12 - Adjustment to reclassify Bank One’s minority interest from Other revenue to Other expense to conform with JPMorgan Chase’s classification

13 - Adjustment to reclassify Bank One’s gains and losses on sale of OREO to Other expense to conform with JPMorgan Chase’s classification.

14 - Adjustment to reclassify JPMorgan Chase’s amortization of intangible assets from Other expense to Amortization of intangibles to conform with the combined JPMorgan Chase’s classification.

## Balance Sheet

1 - Adjustment to reclassify Bank One’s Securities borrowed from Federal funds sold and securities purchased under resale agreements into Securities borrowed to conform with JPMorgan Chase's classification.

2 - Adjustment to reclassify Bank One’s Principal investments from Securities into Private equity investments to conform with JPMorgan Chase's classification.

3 - Adjustment to reclassify JPMorgan Chase’s loans of certain consolidated variable interest entities from Loans into Interests in purchased receivables to conform with the combined JPMorgan Chase's classification.

4 - Adjustment to reclassify JPMorgan Chase’s Accrued interest and accounts receivable into other assets to conform with the combined JPMorgan Chase's classification

5 - Adjustment to reclassify Bank One’s Demand deposits to Deposits - U.S. noninterest-bearing to conform with JPMorgan Chase’s classification.

6 - Adjustment to reclassify Bank One’s Savings and Time deposits to Deposits - U.S. interest-bearing and noninterest-bearing to conform with JPMorgan Chase's classification.

7 - Adjustment to reclassify Bank One’s Commercial paper from Other borrowed funds to Commercial paper to conform with JPMorgan Chase's classification.

8 - Adjustment to reclassify Bank One’s liabilities related to consolidated variable interest entities into Beneficial interests issued by consolidated variable interest entities to conform with JPMorgan Chase's classification

9 - Adjustment to reclassify Bank One’s Trading liabilities - debt and equity instruments to conform with JPMorgan Chase’s classification.

## Note 3 - Pro Forma Adjustments

The unaudited pro forma combined financial information reflects the issuance of $1,465,133,000$ shares of JPMorgan Chase common stock with an aggregate value of $\$ 57.169$ billion and the conversion of approximately 59.9 million Bank One vested employee stock options with a fair value of $\$ 1.134$ billion at December 31, 2003. The fair value of JPMorgan Chase options that will be issued in exchange for the Bank One options was

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION - (Continued)

estimated using a Black-Scholes option pricing model. Option pricing models require the use of highly subjective assumptions including expected stock price and volatility that, when changed, can materially affect fair value estimates. The more significant assumptions used in estimating the fair value of the JPMorgan Chase stock options to be issued in the exchange for the Bank One stock options include a risk-free interest rate of $2.47 \%$, a dividend yield of $3.49 \%$, a weighted average expected life of 3.0 years and volatility of $41.38 \%$.

December 31, 2003
(Dollars in millions except per
share amount)
Purchase Price: Bank One common stock outstanding (in thousands)
Less: Unvested restricted common stock

Exchange ratio

Purchase price: JPMorgan Chase common stock to be issued (in thousands)
Average purchase price per JPMorgan Chase common share
\$ 39.02
\$ 39.02

Fair value of vested employee stock options
Total purchase price
\$57,169
1,134

Net assets acquired:
Bank One stockholders’ equity
Bank One goodwill and other intangible assets
Estimated adjustments to reflect assets acquired at fair value:
Loans and leases
Identified intangibles
Pension plan assets
Premises and equipment
Estimated amounts allocated to liabilities assumed at fair value:
Deposits
Deferred income taxes
Post-retirement plan liabilities
Long-term debt

23,419
\$58,303
$(2,819)$
882
10,025

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION - (Continued)

The pro forma adjustments included in the unaudited pro forma combined financial information are as follows:
(A) Adjustment to fair value the Bank One loan portfolio. The adjustment will be recognized over the estimated remaining life of the loan portfolio of 2.33 years. The impact of this adjustment will reduce pre-tax interest income by $\$ 379$ million for the year ended December 31, 2003.
(B) Adjustment to eliminate JPMorgan Chase payable for additional purchase price related to the acquisition of Bank One's corporate trust business during the 4th quarter of 2003.
(C) Adjustment to write off historical Bank One goodwill and to record the goodwill resulting from the merger.
(D) Adjustment to write off historical Bank One intangible assets (other than goodwill).
(E) Adjustment to record identifiable intangible assets resulting from the merger based on estimated fair values. The nature, amount and amortization method of various possible identified intangibles are being analyzed by management. The adjustments reflected herein are based on current assumptions and valuations, which are subject to change. For purposes of the pro forma adjustments shown here, management has estimated $\$ 10.025$ billion of identifiable intangibles that consists of a core deposit intangible of $\$ 3.600$ billion, credit card related intangibles of $\$ 4.900$ billion and other customer relationship intangibles of $\$ 1.525$ billion. Management has estimated the core deposit intangible and credit card related intangibles will be amortized on an accelerated basis not to exceed ten years. Other customer relationship intangibles include a cash management intangible of $\$ 375$ million to be amortized on an accelerated basis and an asset management intangible of $\$ 530$ million to be amortized on a straight-line basis, both over periods of up to 20 years. Also included is an indefinite lived asset management intangible of $\$ 620$ million. Material changes are possible when the analysis is completed. The impact of these adjustments will reduce pro forma pre-tax income from continuing operations by $\$ 1.435$ billion for the year ended December 31, 2003.
(F) Adjustment to record the deconsolidation of trusts used by Bank One to issue trust preferred securities to conform to JPMorgan Chase. The effect on the pro forma balance sheet of deconsolidating the trusts resulted in recognition of an investment in the trust and an increase to guaranteed preferred beneficial interests in junior subordinated deferrable interest debentures.
(G) Adjustment to fair-value certain Bank One deposit liabilities based on current interest rates for similar instruments. The adjustment will be recognized over the weighted average estimated remaining term of the related deposit liabilities of 1.57 years. This adjustment decreases pro forma pre-tax interest expense by $\$ 510$ million for the year ended December 31, 2003.
(H) Adjustment to accrued expenses represents additional net deferred tax liability of $\$ 2.174$ billion resulting from the pro forma adjustments. Deferred taxes were recorded using a combined federal and state rate of $38 \%$.
(I) Adjustment to fair-value Bank One's long-term debt. The adjustment will be recognized over the weighted average remaining life of the long-term debt instruments of 7.58 years. The impact of the adjustment was a decrease in pro forma pre-tax interest expense by approximately $\$ 250$ million for the year ended December 31, 2003.

## NOTES TO UNAUDITED PRO FORMA COMBINED FINANCIAL INFORMATION - (Continued)

(J) Adjustment to eliminate Bank One's historical stockholders' equity. The adjustment also reflects the issuance of JPMorgan Chase common stock and the exchange of JPMorgan Chase vested stock option and vested restricted stock awards for corresponding Bank One awards.
(K) Adjustment to reverse amortization of intangible assets recorded in Bank One’s historical financial statements.
(L) Adjustment to record the tax effect of the pro forma adjustments using a combined federal and state tax rate of $38 \%$.
(M) Weighted average shares were calculated using the historical weighted average shares outstanding of JPMorgan Chase and Bank One for the year ended December 31, 2003, adjusted using the exchange ratio. Earnings per share data have been computed based on the combined historical income of JPMorgan Chase, income from continuing operations for Bank One, and the impact of purchase accounting adjustments.
(N) Adjustment to eliminate intercompany deposits.
(O) Adjustment to reclassify income from discontinued operations to income from continuing operations.
(P) Adjustment to fair value Bank One's net pension plan assets in excess of plan liabilities resulting in write-down of Bank One's prepaid pension costs.
(Q) Adjustment to fair value Bank One's net other post-retirement plan liabilities in excess of plan assets.
(R) Adjustment to fair value Bank One real estate and to decrease pre-tax occupancy expense for the effects of adjusting the fair value of Bank One real estate.
(S) Adjustment to record additional pro forma compensation expense resulting from revaluation of Bank One's unvested stock options and restricted stock awards that are greater than the valuation used in the historical financial statements determined at grant date.

Item 7. Financial Statements, Pro Forma Financial Information and Exhibits
(c) Exhibits.
99.1 Consent of KPMG LLP, independent accountants of Bank One Corporation.

## SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunder duly authorized.
J.P. MORGAN CHASE \& CO.

By: /s/ Dina Dublon
Name: Dina Dublon
Title: Chief Financial Officer

## EXHIBIT INDEX

## Consent of independent accountants

We hereby consent to the incorporation by reference in the Registration Statements on Form S-3 (Nos. 333-14959, 333-14959-01, 333-14959-02, 333-1495903, 333-16773, 333-19719, 333-22437, 333-56587, 333-56587-01, 333-56587-02, 333-56587-03, 333-37567, 333-37567-02, 333-37567-03, 333-42807, 33352826, 333-68500, 333-68500-01, 333-68500-02, 333-68500-03, 333-68500-04, 333-83749, and 333-107207), in the Registration Statements on Form S-8 (Nos. 33-01776, 33-13457, 33-40272, 33-40675, 33-45017, 33-45018, 33-49909, 33-49911, 33-49913, 33-54547, 33-62453, 33-63833, 333-02073, 33307941, 333-15281, 333-22451, 333-47350, 333-73119, 333-92217, 333-92737, 333-31634, 333-31656, 333-31666 and 333-64476) and in the Registration Statement on Form S-4 (No. 333-112967) of J.P. Morgan Chase \& Co. or affiliates of our report dated January 20, 2004 appearing on page 86 of the Form 8K filed by J.P. Morgan Chase \& Co. on March 1, 2004. Our report refers to Bank One’s adoption of FASB Interpretation No. 46, Consolidation of Variable Interest Entities, effective December 31, 2003, and the discontinuance and sale of Bank One’s corporate trust services business in 2003.
/s/ KPMG LLP

Chicago, Illinois
March 1, 2004


[^0]:    The accompanying notes are an integral part of this statement.

[^1]:    (1) The fair values of certain securities for which market quotations were not available were estimated.

