COMMERCE BANCSHARES INC /MO/
Form 10-K
February 24, 2014

## UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549
FORM 10-K
ANNUAL REPORT PURSUANT TO SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended December 31, 2013 — Commission File No. 0-2989
COMMERCE BANCSHARES, INC.
(Exact name of registrant as specified in its charter)

## Missouri

(State of Incorporation)
1000 Walnut,
Kansas City, MO
(Address of principal executive offices)
(816) 234-2000
(Registrant's telephone number, including area code)
Securities registered pursuant to Section 12(b) of the Act:
Title of class
\$5 Par Value Common Stock

43-0889454
(IRS Employer Identification No.)

64106
(Zip Code)
(Zip Code)

Securities registered pursuant to Section 12(g) of the Act:
NONE
Indicate by check mark if the Registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes p No o
Indicate by check mark if the Registrant is not required to file reports pursuant to Section 13 or 15 (d) of the Act. Yes o No $p$
Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes p No o Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T
( $\$ 232.405$ of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes p No o
Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (\$229.405 of this chapter) is not contained herein, and will not be contained, to the best of Registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. o Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting
company" in Rule 12b-2 of the Act. (Check one):
Large accelerated filer p Accelerated filer o Non-accelerated filer o Smaller reporting company o (Do not check if a smaller reporting company)
Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes o No b
As of June 30, 2013, the aggregate market value of the voting stock held by non-affiliates of the Registrant was approximately $\$ 3,528,000,000$.
As of February 10, 2014, there were $95,843,523$ shares of Registrant's $\$ 5$ Par Value Common Stock outstanding.

## DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's definitive proxy statement for its 2014 annual meeting of shareholders, which will be filed within 120 days of December 31, 2013, are incorporated by reference into Part III of this Report.
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## PART I

## Item 1. BUSINESS

General
Commerce Bancshares, Inc., a bank holding company as defined in the Bank Holding Company Act of 1956, as amended, was incorporated under the laws of Missouri on August 4, 1966. Through a second tier wholly-owned bank holding company, it owns all of the outstanding capital stock of Commerce Bank (the "Bank"), which is headquartered in Missouri. The Bank engages in general banking business, providing a broad range of retail, corporate, investment, trust, and asset management products and services to individuals and businesses. Commerce Bancshares, Inc. also owns, directly or through the Bank, various non-banking subsidiaries. Their activities include underwriting credit life and credit accident and health insurance, selling property and casualty insurance (relating to consumer loans made by the Bank), private equity investment, securities brokerage, mortgage banking, and leasing activities. A list of Commerce Bancshares, Inc.'s subsidiaries is included as Exhibit 21.

Commerce Bancshares, Inc. and its subsidiaries (collectively, the "Company") is one of the nation's top 50 bank holding companies, based on asset size. At December 31, 2013, the Company had consolidated assets of $\$ 23.1$ billion, loans of $\$ 11.0$ billion, deposits of $\$ 19.0$ billion, and equity of $\$ 2.2$ billion. All of the Company's operations conducted by its subsidiaries are consolidated for purposes of preparing the Company's consolidated financial statements.

The Company's goal is to be the preferred provider of targeted financial services in its communities, based on strong customer relationships. It believes in building long-term relationships based on top quality service, a strong risk management culture, and a strong balance sheet with industry-leading capital levels. The Company operates under a super-community banking format which incorporates large bank product offerings coupled with deep local market knowledge, augmented by experienced, centralized support in select critical areas. The Company's focus on local markets is supported by an experienced team of managers assigned to each market and is also reflected in its financial centers and regional advisory boards, which are comprised of local business persons, professionals and other community representatives, who assist the Company in responding to local banking needs. In addition to this local market, community-based focus, the Company offers sophisticated financial products available at much larger financial institutions.

The Company's banking facilities are located throughout Missouri, Kansas, and central Illinois, as well as Tulsa and Oklahoma City, Oklahoma and Denver, Colorado. Its two largest markets include St. Louis and Kansas City, which serve as the central hubs for the entire Company.

The markets the Bank serves, being located in the lower Midwest, provide natural sites for production and distribution facilities and also serve as transportation hubs. The economy has been well-diversified in these markets with many major industries represented, including telecommunications, automobile, aircraft and general manufacturing, health care, numerous service industries, food production, and agricultural production and related industries. The real estate lending operations of the Bank are centered in its lower Midwestern markets. Historically, these markets have tended to be less volatile than in other parts of the country. Management believes the diversity and nature of the Bank's markets has a mitigating effect on real estate loan losses in these markets and were key factors in the Bank's relatively lower loan loss levels stemming from the 2008 financial crisis.

From time to time, the Company evaluates the potential acquisition of various financial institutions. In addition, the Company regularly considers the potential disposition of certain assets and branches. The Company seeks merger or acquisition partners that are culturally similar, have experienced management and either possess significant market presence or have potential for improved profitability through financial management, economies of scale and expanded services. On September 1, 2013, the Company acquired Summit Bancshares Inc. (Summit). The Company's acquisition of Summit added $\$ 261.6$ million in assets (including $\$ 207.4$ million in loans), $\$ 232.3$ million in deposits and two branch locations in Tulsa and Oklahoma City, Oklahoma.

The Company employed 4,311 persons on a full-time basis and 578 persons on a part-time basis at December 31, 2013. The Company provides a variety of benefit programs including a $401(\mathrm{k})$ plan as well as group life, health, accident, and other insurance. The Company also maintains training and educational programs designed to address the significant and changing regulations facing the financial services industry and prepare employees for positions of increasing responsibility.

## Competition

The Company faces intense competition from hundreds of financial service providers. It competes with national and state banks for deposits, loans and trust accounts, and with savings and loan associations and credit unions for deposits and consumer lending products. In addition, the Company competes with other financial intermediaries such as securities brokers and dealers, personal loan companies, insurance companies, finance companies, and certain governmental agencies. With the passage of the Gramm-Leach-Bliley Financial Modernization Act of 1999 (GLB Act), competition has increased over time from institutions not

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subject to the same regulatory restrictions as domestic banks and bank holding companies. The Company generally competes on the basis of customer service and responsiveness to customer needs, reputation, interest rates on loans and deposits, lending limits, and customer convenience, such as location of offices. The Company has approximately $13 \%$ of the deposit market share in Kansas City and approximately $9 \%$ of the deposit market share in St. Louis.

## Operating Segments

The Company is managed in three operating segments. The Consumer segment includes the retail branch network, consumer installment lending, personal mortgage banking, consumer debit and credit bank card activities. It provides services through a network of 202 full-service branches, a widespread ATM network of 398 machines, and the use of alternative delivery channels such as extensive online banking and telephone banking services. In 2013, this retail segment contributed $20 \%$ of total segment pre-tax income. The Commercial segment provides a full array of corporate lending, merchant and commercial bank card products, leasing, and international services, as well as business and government deposit and cash management services. Fixed income investments are sold to individuals and institutional investors through the Capital Markets Group, which is also included in this segment. In 2013, the Commercial segment contributed $64 \%$ of total segment pre-tax income. The Wealth segment provides traditional trust and estate tax planning services, brokerage services, and advisory and discretionary investment portfolio management services to both personal and institutional corporate customers. At December 31, 2013, the Trust group managed investments with a market value of $\$ 20.4$ billion and administered an additional $\$ 14.8$ billion in non-managed assets. This segment also manages the Company's family of proprietary mutual funds, which are available for sale to both trust and general retail customers. Additional information relating to operating segments can be found on pages 44 and 88 .

## Government Policies

The Company's operations are affected by federal and state legislative changes, by the United States government, and by policies of various regulatory authorities, including those of the numerous states in which they operate. These include, for example, the statutory minimum legal lending rates, domestic monetary policies of the Board of Governors of the Federal Reserve System, United States fiscal policy, international currency regulations and monetary policies, the U.S. Patriot Act, and capital adequacy and liquidity constraints imposed by federal and state bank regulatory agencies.

## Supervision and Regulation

The following information summarizes existing laws and regulations that materially affect the Company's operations. It does not discuss all provisions of these laws and regulations and it does not include all laws and regulations that affect the Company presently or may affect the Company in the future.
General
The Company, as a bank holding company, is primarily regulated by the Board of Governors of the Federal Reserve System under the Bank Holding Company Act of 1956 (BHC Act). Under the BHC Act, the Federal Reserve Board's prior approval is required in any case in which the Company proposes to acquire all or substantially all of the assets of any bank, acquire direct or indirect ownership or control of more than $5 \%$ of the voting shares of any bank, or merge or consolidate with any other bank holding company. With certain exceptions, the BHC Act also prohibits the Company from acquiring direct or indirect ownership or control of more than $5 \%$ of any class of voting shares of any non-banking company. Under the BHC Act, the Company may not engage in any business other than managing and controlling banks or furnishing certain specified services to subsidiaries and may not acquire voting control of non-banking companies unless the Federal Reserve Board determines such businesses and services to be closely related to banking. When reviewing bank acquisition applications for approval, the Federal Reserve Board considers, among other things, the Bank's record in meeting the credit needs of the communities it serves in accordance with the Community Reinvestment Act of 1977, as amended (CRA). Under the terms of the CRA, banks have a continuing obligation, consistent with safe and sound operation, to help meet the credit needs of their communities, including providing credit to individuals residing in low- and moderate-income areas. The Bank has a current CRA rating of "outstanding".

The Company is required to file with the Federal Reserve Board various reports and additional information the Federal Reserve Board may require. The Federal Reserve Board also makes regular examinations of the Company and its subsidiaries. The Company's banking subsidiary is a state chartered Federal Reserve member bank and is subject to regulation, supervision and examination by the Federal Reserve Bank of Kansas City and the State of Missouri Division of Finance. The Bank is also subject to regulation by the Federal Deposit Insurance Corporation (FDIC). In addition, there are numerous other federal and state laws and regulations which control the activities of the Company and the Bank, including requirements and limitations relating to capital and reserve requirements, permissible investments and lines of business, transactions with affiliates, loan limits, mergers and acquisitions, issuance of securities, dividend payments, and extensions of credit. If the Company fails to comply with these or other applicable laws and regulations, it may be subject to civil monetary penalties, imposition of cease and desist orders or other written directives, removal of management and, in certain circumstances, criminal penalties. This regulatory framework is intended

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primarily for the protection of depositors and the preservation of the federal deposit insurance funds, not for the protection of security holders. Statutory and regulatory controls increase a bank holding company's cost of doing business and limit the options of its management to employ assets and maximize income.

In addition to its regulatory powers, the Federal Reserve Bank affects the conditions under which the Company operates by its influence over the national supply of bank credit. The Federal Reserve Board employs open market operations in U.S. government securities and oversees changes in the discount rate on bank borrowings, changes in the federal funds rate on overnight inter-bank borrowings, and changes in reserve requirements on bank deposits in implementing its monetary policy objectives. These methods are used in varying combinations to influence the overall level of the interest rates charged on loans and paid for deposits, the price of the dollar in foreign exchange markets, and the level of inflation. The monetary policies of the Federal Reserve have a significant effect on the operating results of financial institutions, most notably on the interest rate environment. In view of changing conditions in the national economy and in the money markets, as well as the effect of credit policies of monetary and fiscal authorities, no prediction can be made as to possible future changes in interest rates, deposit levels or loan demand, or their effect on the financial statements of the Company.

The financial industry operates under laws and regulations that are under constant review by various agencies and legislatures and are subject to sweeping change. The Company currently operates as a bank holding company, as defined by the GLB Act, and the Bank qualifies as a financial subsidiary under the Act, which allows it to engage in investment banking, insurance agency, brokerage, and underwriting activities that were not available to banks prior to the GLB Act. The GLB Act also included privacy provisions that limit banks' abilities to disclose non-public information about customers to non-affiliated entities.

The Company must also comply with the requirements of the Bank Secrecy Act (BSA). The BSA is designed to help fight drug trafficking, money laundering, and other crimes. Compliance is monitored by the Federal Reserve. The BSA was enacted to prevent banks and other financial service providers from being used as intermediaries for, or to hide the transfer or deposit of money derived from, criminal activity. Since its passage, the BSA has been amended several times. These amendments include the Money Laundering Control Act of 1986. which made money laundering a criminal act, as well as the Money Laundering Suppression Act of 1994 which required regulators to develop enhanced examination procedures and increased examiner training to improve the identification of money laundering schemes in financial institutions.

The USA PATRIOT Act, established in 2001, substantially broadened the scope of U.S. anti-money laundering laws and regulations by imposing significant new compliance and due diligence obligations, creating new crimes and penalties and expanding the extra-territorial jurisdiction of the United States. The regulations impose obligations on financial institutions to maintain appropriate policies, procedures and controls to detect, prevent, and report money laundering and terrorist financing. The regulations include significant penalties for non-compliance.

## Subsidiary Bank

Under Federal Reserve policy, the bank holding company, Commerce Bancshares, Inc. (the "Parent"), is expected to act as a source of financial strength to its bank subsidiary and to commit resources to support it in circumstances when it might not otherwise do so. In addition, loans by a bank holding company to any of its subsidiary banks are subordinate in right of payment to deposits and to certain other indebtedness of such subsidiary banks. In the event of a bank holding company's bankruptcy, any commitment by the bank holding company to a federal bank regulatory agency to maintain the capital of a subsidiary bank will be assumed by the bankruptcy trustee and entitled to a priority of payment.

Deposit Insurance

Substantially all of the deposits of the Bank are insured up to the applicable limits by the Bank Insurance Fund of the FDIC, generally up to $\$ 250,000$ per depositor, for each account ownership category. The Bank pays deposit insurance premiums to the FDIC based on an assessment rate established by the FDIC for Bank Insurance Fund member institutions. The FDIC classifies institutions under a risk-based assessment system based on their perceived risk to the federal deposit insurance funds. The current assessment base is defined as average total assets minus average tangible equity, with other adjustments for heavy use of unsecured liabilities, secured liabilities, brokered deposits, and holdings of unsecured bank debt. For banks with more than $\$ 10$ billion in assets, the FDIC uses a scorecard designed to measure financial performance and ability to withstand stress, in addition to measuring the FDIC's exposure should the bank fail. The Company's FDIC insurance expense was $\$ 11.2$ million in 2013, $\$ 10.4$ million in 2012, and $\$ 13.1$ million in 2011.

## Payment of Dividends

The Federal Reserve Board may prohibit the payment of cash dividends to shareholders by bank holding companies if their actions constitute unsafe or unsound practices. The principal source of the Parent's cash revenues is cash dividends paid by the

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Bank. The amount of dividends paid by the Bank in any calendar year is limited to the net profit of the current year combined with the retained net profits of the preceding two years, and permission must be obtained from the Federal Reserve Board for dividends exceeding these amounts. The payment of dividends by the Bank may also be affected by factors such as the maintenance of adequate capital.

## Capital Adequacy

The Company is required to comply with the capital adequacy standards established by the Federal Reserve. These capital adequacy guidelines generally require bank holding companies to maintain minimum total capital equal to $8 \%$ of total risk-adjusted assets and off-balance sheet items (the "Total Risk-Based Capital Ratio"), with at least one-half of that amount consisting of Tier I, or core capital, and the remaining amount consisting of Tier II, or supplementary capital. Tier I capital for bank holding companies generally consists of the sum of common shareholders' equity, qualifying non-cumulative perpetual preferred stock, a limited amount of qualifying cumulative perpetual preferred stock and minority interests in the equity accounts of consolidated subsidiaries, less goodwill and other non-qualifying intangible assets. Tier II capital generally consists of hybrid capital instruments, term subordinated debt and, subject to limitations, general allowances for loan losses. Assets are adjusted under the risk-based guidelines to take into account different risk characteristics.

In addition, the Federal Reserve also requires bank holding companies to comply with minimum leverage ratio requirements. The leverage ratio is the ratio of a banking organization's Tier I capital to its total consolidated quarterly average assets (as defined for regulatory purposes), net of the allowance for loan losses, goodwill and certain other intangible assets. The minimum leverage ratio for bank holding companies is $4 \%$. At December 31, 2013, the Company was "well-capitalized" under regulatory capital adequacy standards, as further discussed on page 91.

In July 2013 the FDIC, the Office of the Comptroller of the Currency and the Board of Governors of the Federal Reserve System approved a final rule to implement in the United States the Basel III regulatory capital reforms from the Basel Committee on Banking Supervision and certain changes required by the Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank Act). A key goal of the Basel III agreement is to strengthen the capital resources of banking organizations during normal and challenging business environments. The Basel III final rule increases minimum requirements for both the quantity and quality of capital held by banking organizations. The rule includes a new minimum ratio of common equity tier 1 capital to risk-weighted assets of $4.5 \%$ and a common equity tier 1 capital conservation buffer of $2.5 \%$ of risk-weighted assets. The final rule also adjusted the methodology for calculating risk-weighted assets to enhance risk sensitivity. Beginning January 1, 2015, the Company must be compliant with revised minimum regulatory capital ratios and will begin the transitional period for definitions of regulatory capital and regulatory capital adjustments and deductions established under the final rule. Compliance with the risk-weighted asset calculations is also required on January 1, 2015. Management believes that as of December 31, 2013, the Company's capital levels would remain "well-capitalized" under the new rules.

Significant Legislation Affecting the Company
In July 2010, the Dodd-Frank Act was signed into law. The Dodd-Frank Act is sweeping legislation intended to overhaul regulation of the financial services industry. Its implementation requires continuous new rulemaking and reporting over the foreseeable future. Among its many provisions, the Dodd-Frank Act established a new council of "systemic risk" regulators, empowers the Federal Reserve to supervise the largest, most complex financial companies, allows the government to seize and liquidate failing financial companies, and gives regulators new powers to oversee the derivatives market.

The Dodd-Frank Act also established the Consumer Financial Protection Bureau (CFPB) and authorized it to supervise certain consumer financial services companies and large depository institutions and their affiliates for consumer protection purposes. Subject to the provisions of the Act, the CFPB has responsibility to implement, examine for compliance with, and enforce "Federal consumer financial law." As a depository institution, the Company
is subject to examinations by the CFPB, which focus on the Company's ability to detect, prevent, and correct practices that present a significant risk of violating the law and causing consumer harm.

In 2011, the Federal Reserve, under the provisions of the Dodd-Frank Act, approved a final debit card interchange rule that significantly limited the amount of debit card interchange fees charged by banks. The rule capped an issuer's base fee at 21 cents per transaction and allowed additional fees to help cover fraud losses. The pricing was a reduction of approximately $45 \%$ when compared to previous market rates. The rule also limited network exclusivity, requiring issuers to ensure that a debit card transaction can be carried on two unaffiliated networks: one signature-based and one PIN-based. The rules applied to bank issuers with more than $\$ 10$ billion in assets and took effect in phases, with the base fee cap effective in October 2011 and the network exclusivity rule effective in April 2012. On July 31, 2013, a Federal District Court judge ruled that the Federal Reserve inflated debit interchange fees when implementing the Dodd-Frank provision in 2011. The judge ruled that the Federal Reserve erred in using criteria outside of the scope Congress intended to determine the fee cap. The judge also ruled that the network options for both signature and PIN

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transactions were not set appropriately in accordance with the Dodd-Frank Act. The Federal Reserve appealed this decision on August 21, and the decision has been stayed during the appeal process. If not overturned on appeal, this ruling could significantly affect debit fees for the banking industry and for the Company. However, these developments are preliminary and the impact on the Company is not determinable at this time.

In October 2012, the Federal Reserve, as required by the Dodd-Frank Act, approved new stress testing regulations applicable to certain financial companies with total consolidated assets of more than $\$ 10$ billion but less than $\$ 50$ billion. The rule requires that these financial companies, including the Company, conduct stress tests on an annual basis. The stress tests will have an as-of date of September 30, 2013 using scenarios provided by the Federal Reserve in November 2013 (projected nine months out). The Company is required to submit regulatory reports on its stress test results to the Federal Reserve by March 31, 2014. By June 30, 2015, the Company will be required to make public disclosures of the results of the 2015 stress tests performed under the severely adverse scenario.

In December 2013, the Volcker Rule of the Dodd-Frank Act was approved by all five of the necessary financial regulatory agencies, and becomes effective on April 1, 2014. The rule places trading restrictions on financial institutions, and separates investment banking, private equity and proprietary trading (hedge fund) sections of financial institutions from their consumer lending arms. Key provisions restrict banks from simultaneously entering into advisory and creditor roles with their clients, such as with private equity firms. The Volcker Rule also restricts financial institutions from investing in and sponsoring certain types of investments, which must be divested by July 21, 2015. The Company does not believe it will be significantly affected by the Volcker Rule provisions.

Available Information
The Company's principal offices are located at 1000 Walnut, Kansas City, Missouri (telephone number 816-234-2000). The Company makes available free of charge, through its Web site at www.commercebank.com, reports filed with the Securities and Exchange Commission as soon as reasonably practicable after the electronic filing. These filings include the annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form $8-\mathrm{K}$, and all amendments to those reports.

## Statistical Disclosure

The information required by Securities Act Guide 3 - "Statistical Disclosure by Bank Holding Companies" is located on the pages noted below.

|  | Distribution of Assets, Liabilities and Stockholders' Equity; Interest Rates and Interest | Page |
| :--- | :--- | :--- |
| I. | Differential | $20,50-53$ |
| II. | Investment Portfolio | $35-36,73-78$ |
| III. | Loan Portfolio |  |
|  | Types of Loans | 25 |
|  | Maturities and Sensitivities of Loans to Changes in Interest Rates | 25 |
|  | Risk Elements | $30-34$ |
| IV. | Summary of Loan Loss Experience | $28-30$ |
| V. | Deposits | $50,79-80$ |
| VI. | Return on Equity and Assets | 16 |
| VII. | Short-Term Borrowings | 80 |

## Item 1a. RISK FACTORS

Making or continuing an investment in securities issued by Commerce Bancshares, Inc., including its common stock, involves certain risks that you should carefully consider. If any of the following risks actually occur, its business, financial condition or results of operations could be negatively affected, the market price for your securities could decline, and you could lose all or a part of your investment. Further, to the extent that any of the information
contained in this Annual Report on Form 10-K constitutes forward-looking statements, the risk factors set forth below also are cautionary statements identifying important factors that could cause the Company's actual results to differ materially from those expressed in any forward-looking statements made by or on behalf of Commerce Bancshares, Inc.

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Difficult market conditions may affect the Company's industry.
The concentration of the Company's banking business in the United States particularly exposes it to downturns in the U.S. economy. While economic conditions have improved significantly over the past several years, there remain risks that could undermine these recent improvements.
In particular, the Company may face the following risks in connection with these market conditions:
High unemployment levels and weak economic activity may affect consumer confidence levels and may cause declines in consumer credit usage, adverse changes in payment patterns, and higher loan delinquencies and default rates. These could impact the Company's future loan losses and provision for loan losses, as a significant part of the Company's business includes consumer and credit card lending.
Reduced levels of economic activity may also cause declines in financial service transactions, including bank card, corporate cash management and other fee businesses, as well as the fees earned by the Company on such transactions. The Company's ability to assess the creditworthiness of its customers may be impaired if the models and approaches it uses to select, manage, and underwrite its customers become less predictive of future behaviors, causing higher future credit losses.
The process used to estimate losses inherent in the Company's loan portfolio requires difficult, subjective, and complex judgments, including forecasts of economic conditions and how these economic predictions might impair the ability of its borrowers to repay their loans. If an instance occurs that renders these predictions no longer capable of accurate estimation, this may in turn impact the reliability of the process.
Competition in the industry could intensify as a result of the increasing consolidation of financial services companies in connection with current market conditions, thereby reducing market prices for various products and services which could in turn reduce Company revenues.
If the level of bank failures rise, the Company may be required to pay high levels of FDIC premiums for extended periods of time.
The U.S. economy is also affected by foreign economic events. Although the Company does not hold foreign debt, global conditions affecting interest rates, business export activity, capital expenditures by businesses, and investor confidence may negatively affect the Company by means of reduced loan demand or reduced transaction volume with the Company.

Significant changes in banking laws and regulations could materially affect the Company's business. As a result of the 2008 banking crisis, a significant increase in bank regulation has occurred. A number of new laws and regulations have been implemented, including those which reduce overdraft fees, credit card revenues, and revenues from student lending activities. These regulations have resulted in lower revenues and higher operating costs. As discussed in Item 1, the Dodd-Frank Act passed in July 2010 contains significant complex regulations for all financial institutions. Among its many provisions are rules which established a new council of "systemic risk" regulators, created a new consumer protection division within the Federal Reserve, empower the Federal Reserve to supervise the largest, most complex financial companies, allow the government to seize and liquidate failing financial companies, and give regulators new powers to oversee the derivatives market.

Because the Company has maintained a strong balance sheet and has not offered many of the complex financial products that were prevalent in the marketplace, there are a number of provisions within the Dodd-Frank Act, including higher capital standards, improved lending transparency and risk-based FDIC insurance assessments, that management does not expect to negatively affect the Company's future financial results. However, the Company has already been significantly affected by enacted regulation on debit cards, and a number of provisions within the law include the potential for higher costs due to increased regulatory and compliance burdens, which will result in lower revenues or increasing costs for the Company. In addition to these and other new regulations which are already in place and are discussed above, the Company will likely face increased regulation of the industry. Increased regulation, along with possible changes in tax laws and accounting rules, may have a significant impact on the way the Company conducts business, implements strategic initiatives, engages in tax planning and makes financial disclosures. Compliance with such regulation may divert resources from other areas of the business and limit the ability to pursue
other opportunities.

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The performance of the Company is dependent on the economic conditions of the markets in which the Company operates.
The Company's success is heavily influenced by the general economic conditions of the specific markets in which it operates. Unlike larger national or other regional banks that are more geographically diversified, the Company provides financial services primarily throughout the states of Missouri, Kansas, and central Illinois, and has recently expanded into Oklahoma, Colorado and other surrounding states. As the Company does not have a significant banking presence in other parts of the country, a prolonged economic downturn in these markets could have a material adverse effect on the Company's financial condition and results of operations.

Significant changes in federal monetary policy could materially affect the Company's business. The Federal Reserve System regulates the supply of money and credit in the United States. Its polices determine in large part the cost of funds for lending and investing by influencing the interest rate earned on loans and paid on borrowings and interest bearing deposits. Credit conditions are influenced by its open market operations in U.S. government securities, changes in the member bank discount rate, and bank reserve requirements. Changes in Federal Reserve Board policies are beyond the Company's control and difficult to predict, and such changes may result in lower interest margins and a continued lack of demand for credit products.

The soundness of other financial institutions could adversely affect the Company.
The Company's ability to engage in routine funding transactions could be adversely affected by the actions and commercial soundness of other financial institution counterparties. Financial services institutions are interrelated as a result of trading, clearing, counterparty or other relationships. The Company has exposure to many different industries and counterparties and routinely executes transactions with counterparties in the financial industry, including brokers and dealers, commercial banks, investment banks, mutual funds, and other institutional clients. Transactions with these institutions include overnight and term borrowings, interest rate swap agreements, securities purchased and sold, short-term investments, and other such transactions. As a result of this exposure, defaults by, or rumors or questions about, one or more financial services institutions or the financial services industry in general, could lead to market-wide liquidity problems and defaults by other institutions. Many of these transactions expose the Company to credit risk in the event of default of its counterparty or client, while other transactions expose the Company to liquidity risks should funding sources quickly disappear. In addition, the Company's credit risk may be exacerbated when the collateral held cannot be realized or is liquidated at prices not sufficient to recover the full amount of the exposure due to the Company. Any such losses could materially and adversely affect results of operations.

The Company's asset valuation may include methodologies, estimations and assumptions which are subject to differing interpretations and could result in changes to asset valuations that may materially adversely affect its results of operations or financial condition.
The Company uses estimates, assumptions, and judgments when certain financial assets and liabilities are measured and reported at fair value. Assets and liabilities carried at fair value inherently result in a higher degree of financial statement volatility. Fair values and the information used to record valuation adjustments for certain assets and liabilities are based on quoted market prices and/or other observable inputs provided by independent third-party sources, when available. When such third-party information is not available, fair value is estimated primarily by using cash flow and other financial modeling techniques utilizing assumptions such as credit quality, liquidity, interest rates and other relevant inputs. Changes in underlying factors, assumptions, or estimates in any of these areas could materially impact the Company's future financial condition and results of operations.
During periods of market disruption, including periods of significantly rising or high interest rates, rapidly widening credit spreads or illiquidity, it may be difficult to value certain assets if trading becomes less frequent and/or market data becomes less observable. There may be certain asset classes in active markets with significant observable data that become illiquid due to the current financial environment. In such cases, certain asset valuations may require more subjectivity and management judgment. As such, valuations may include inputs and assumptions that are less
observable or require greater estimation. Further, rapidly changing and unprecedented credit and equity market conditions could materially impact the valuation of assets as reported within the Company's consolidated financial statements, and the period-to-period changes in value could vary significantly. Decreases in value may have a material adverse effect on results of operations or financial condition.

The Company's investment portfolio values may be adversely impacted by deterioration in the credit quality of underlying collateral within the various categories of investment securities it owns.
The Company generally invests in securities issued by municipal entities, government-backed agencies or privately issued securities that are highly rated and evaluated at the time of purchase, however, these securities are subject to changes in market value due to changing interest rates and implied credit spreads. Over the past several years, budget deficits and other financial

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problems in a number of states and political subdivisions have occurred. While the Company maintains rigorous risk management practices over bonds issued by municipalities, further credit deterioration in these bonds could occur and result in losses. Certain mortgage and asset-backed securities represent beneficial interests which are collateralized by residential mortgages, credit cards, automobiles, mobile homes or other assets. While these investment securities are highly rated at the time of initial investment, the value of these securities may decline significantly due to actual or expected deterioration in the underlying collateral. Under accounting rules, when the impairment is due to declining expected cash flows, some portion of the impairment, depending on the Company's intent to sell and the likelihood of being required to sell before recovery, must be recognized in current earnings. This could result in significant non-cash losses.

Future loan losses could increase.
The Company maintains an allowance for loan losses that represents management's best estimate of probable losses that have been incurred at the balance sheet date within the existing portfolio of loans. The level of the allowance reflects management's continuing evaluation of industry concentrations, specific credit risks, loan loss experience, current loan portfolio quality, present economic, political and regulatory conditions and unidentified losses inherent in the current loan portfolio. Although the loan losses have declined significantly in 2013 and 2012, a deterioration of financial market conditions could result in larger loan losses, which may negatively affect the Company's results of operations and could further increase levels of its allowance. In addition, the Company's allowance level is subject to review by regulatory agencies, and that review could result in adjustments to the allowance. See the section captioned "Allowance for Loan Losses" in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, of this report for further discussion related to the Company's process for determining the appropriate level of the allowance for possible loan loss.

The Company is subject to both interest rate and liquidity risk.
With oversight from its Asset-Liability Management Committee, the Company devotes substantial resources to monitoring its liquidity and interest rate risk on a monthly basis. The Company's net interest income is the largest source of overall revenue to the Company, representing $60 \%$ of total revenue. The interest rate environment in which the Company operates fluctuates in response to general economic conditions and policies of various governmental and regulatory agencies, particularly the Federal Reserve Board. Changes in monetary policy, including changes in interest rates, will influence loan originations, deposit generation, demand for investments and revenues and costs for earning assets and liabilities.
Additionally the Company manages its balance sheet in order to maximize its net interest income from its net earning assets while insuring that there is ample liquidity to meet fluctuating cash flows coming from either funding sources or its earning assets.
Since the financial crisis of 2008, there has been significant growth in deposits from both consumers and businesses, and much of this growth has been invested in the investment securities portfolio, as loan demand has been relatively weak during much of this time. For the past several years, the Federal Reserve has maintained interest rates at unprecedented low levels, and as the securities portfolio has grown, interest margins have been pressured. The securities portfolio, which has averaged $45 \%$ of total earning assets over the past three years, generally carries lower rates than loans, Furthermore the Company attempts to diversify its securities portfolio while keeping duration short, in order to ensure it is always able to meet liquidity needs for future changes in loans or deposit balances. Loan demand has recently strengthened, growing $2 \%$ on average in 2012 and $10 \%$ in 2013. During 2013, growth in loans was mainly funded by maturities of investment securities, and growth in deposits were mostly reinvested in the securities portfolio. At December 31, 2013, the Company's loan to deposit rate was $57 \%$, a sign of strong liquidity. While further loan growth is expected to accompany a strengthening economy, it is expected that interest margins will continue to be pressured if rates remain low. Should the demand for loans increase in the future while deposit balances decline significantly, the Company's liquidity risk could change, as it is dependent on the Company's ability to manage maturities within its investment portfolio to fund these changing cash flows.
The Company operates in a highly competitive industry and market area.

The Company operates in the financial services industry, which is facing a rapidly changing environment having numerous competitors including other banks and insurance companies, securities dealers, brokers, trust and investment companies and mortgage bankers. Consolidation among financial service providers is likely to occur, and there are many new changes in technology, product offerings and regulation. As consolidation occurs, larger regional banks may acquire smaller banks in our market and add to existing competition. These new banks may lower fees in an effort to grow market share, which could result in a loss of customers and lower fee revenue for the Company. The Company must continue to make investments in its products and delivery systems to stay competitive with the industry as a whole, or its financial performance may suffer.

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The Company's reputation and future growth prospects could be impaired if events occur which breach its customers' privacy.
The Company relies heavily on communications and information systems to conduct its business, and as part of its business, the Company maintains significant amounts of data about its customers and the products they use. Additionally, customers rely on online bank products. While the Company has policies and procedures and safeguards designed to prevent or limit the effect of failure, interruption or security breach of its information systems, there can be no assurances that any such failures, interruptions or security breaches will not occur; or if they do occur, that they will be adequately addressed. In addition to unauthorized access, denial-of-service attacks could overwhelm Company Web sites and prevent the Company from adequately serving customers. Should any of the Company's systems become compromised, the reputation of the Company could be damaged, relationships with existing customers may be impaired, the compromise could result in lost business, and as a result, the Company could incur significant expenses trying to remedy the incident. Similarly, because the Company is an issuer of both debit and credit cards, it is periodically exposed to losses related to security breaches which occur at retailers that are unaffiliated with Company (e.g., customer card data being compromised at retail stores). These include, but are not limited to, costs and expenses for card reissuance as well as losses resulting from fraudulent card transactions.

The Company may not attract and retain skilled employees.
The Company's success depends, in large part, on its ability to attract and retain key people. Competition for the best people can be intense, and the Company spends considerable time and resources attracting and hiring qualified people for its various business lines and support units. The unexpected loss of the services of one or more of the Company's key personnel could have a material adverse impact on the Company's business because of their skills, knowledge of the Company's market, and years of industry experience, as well as the difficulty of promptly finding qualified replacement personnel.

## Item 1b. UNRESOLVED STAFF COMMENTS

None

## Item 2. PROPERTIES

The main offices of the Bank are located in the larger metropolitan areas of its markets in various multi-story office buildings. The Bank owns its main offices and leases unoccupied premises to the public. The larger offices include:

## Building

922 Walnut
Kansas City, MO
1000 Walnut
Kansas City, MO
811 Main
Kansas City, MO
8000 Forsyth
Clayton, MO
1551 N. Waterfront Pkwy
Wichita, KS

| Net rentable \% occupied in | \% occupied by |
| :--- | :--- |
| square footage total | bank |


| 256,000 | 95 | $\% 93$ | $\%$ |
| :---: | :---: | :---: | :---: |
| 403,000 | 84 | 39 |  |
| 237,000 | 100 | 100 |  |
| 178,000 | 97 | 97 |  |
| 120,000 | 97 | 32 |  |

Various installment loan, credit card, trust and safe deposit functions operate out of leased offices in downtown Kansas City, Missouri. The Company has an additional 197 branch locations in Missouri, Illinois, Kansas, Oklahoma and Colorado which are owned or leased, and 156 off-site ATM locations.

Item 3. LEGAL PROCEEDINGS
The information required by this item is set forth in Item 8 under Note 20, Commitments, Contingencies and Guarantees on page 106.

Item 4. MINE SAFETY DISCLOSURES
Not applicable
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Executive Officers of the Registrant
The following are the executive officers of the Company as of February 24, 2014, each of whom is designated annually. There are no arrangements or understandings between any of the persons so named and any other person pursuant to which such person was designated an executive officer.

Name and Age

Jeffery D. Aberdeen, 59

Kevin G. Barth, 53

Jeffrey M. Burik, 55

Daniel D. Callahan, 57

Sara E. Foster, 53

David W. Kemper, 63

John W. Kemper, 36

Jonathan M. Kemper, 60

Charles G. Kim, 53

Positions with Registrant
Controller of the Company since December 1995. He is also Controller of the Company's subsidiary bank, Commerce Bank.

Executive Vice President of the Company since April 2005 and Executive Vice President of Commerce Bank since October 1998. Senior Vice President of the Company and Officer of Commerce Bank prior thereto.

Senior Vice President of the Company since February 2013. Executive Vice President of Commerce Bank since November 2007.

Executive Vice President and Chief Credit Officer of the Company since December 2010 and Senior Vice President of the Company prior thereto. Executive Vice President of Commerce Bank since May 2003.

Executive Vice President of the Company since February 2012 and Senior Vice President of the Company since February 1998.

Chairman of the Board of Directors of the Company since November 1991, Chief Executive Officer of the Company since June 1986. He was President of the Company from April 1982 until February 2013. He is Chairman of the Board, President and Chief Executive Officer of Commerce Bank. He is the son of James M. Kemper, Jr. (a former Director and former Chairman of the Board of the Company), the brother of Jonathan M. Kemper, Vice Chairman of the Company, and father of John W. Kemper, President and Chief Operating Officer of the Company.

President and Chief Operating Officer of the Company since February 2013, and Executive Vice President and Chief Administrative Officer of the Company prior thereto. Senior Vice President of Commerce Bank since January 2009. Prior to his employment with Commerce Bank in August 2007, he was employed as an engagement manager with a global management consulting firm, managing strategy and operations projects primarily focused in the financial service industry. He is the son of David W. Kemper, Chairman and Chief Executive Officer of the Company and nephew of Jonathan M. Kemper, Vice Chairman of the Company.

Vice Chairman of the Company since November 1991 and Vice Chairman of Commerce Bank since December 1997. Prior thereto, he was Chairman of the Board, Chief Executive Officer, and President of Commerce Bank. He is the son of James M. Kemper, Jr. (a former Director and former Chairman of the Board of the Company), the brother of David W. Kemper, Chairman and Chief Executive Officer of the Company, and uncle of John W. Kemper, President and Chief Operating Officer of the Company.

Chief Financial Officer of the Company since July 2009. Executive Vice President of the Company since April 1995 and Executive Vice President of Commerce Bank
since January 2004. Prior thereto, he was Senior Vice President of Commerce Bank.
Vice Chairman of the Company since January 2004. Prior thereto he was Executive

Seth M. Leadbeater, 63

Michael J. Petrie, 57

Robert J. Rauscher, 56
V. Raymond Stranghoener, 62 Vice President of the Company. Vice Chairman of Commerce Bank since September 2004. Prior thereto he was Executive Vice President of Commerce Bank.

Senior Vice President of the Company since April 1995. Prior thereto, he was Vice President of the Company.

Senior Vice President of the Company since October 1997. Senior Vice President of Commerce Bank prior thereto.

Executive Vice President of the Company since July 2005 and Senior Vice President of the Company prior thereto.

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## PART II

## Item MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND 5. ISSUER PURCHASES OF EQUITY SECURITIES

Commerce Bancshares, Inc.
Common Stock Data
The following table sets forth the high and low prices of actual transactions in the Company's common stock and cash dividends paid for the periods indicated (restated for the 5\% stock dividend distributed in December 2013).

|  | Quarter | High | Low | Cash |
| :--- | :--- | :--- | :--- | :--- |
| 2013 | First | $\$ 38.94$ | $\$ 33.71$ | Dividends |
|  | Second | 42.50 | $\$ .214$ |  |
|  | Third | 45.26 | 36.63 | .214 |
|  | Fourth | 45.77 | 40.04 | .214 |
|  | First | $\$ 37.44$ | 40.80 | .214 |
|  | Second | 37.19 | $\$ 34.08$ | $\$ .209$ |
|  | Third | 38.77 | 32.81 | .209 |
|  | Fourth | 36.86 | 34.20 | .209 |
|  | First | $\$ 36.86$ | 33.04 | 1.569 |
|  | Second | 37.92 | $\$ 33.29$ | $\$ .199$ |
|  | Third | 38.01 | 34.60 | .199 |
|  | Fourth | 35.07 | 28.71 | .199 |
|  |  |  | 28.56 | .199 |

* Includes a special dividend of $\$ 1.360$ per share

Commerce Bancshares, Inc. common shares are listed on the Nasdaq Global Select Market (NASDAQ) under the symbol CBSH. The Company had 4,116 shareholders of record as of December 31, 2013.

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## Performance Graph

The following graph presents a comparison of Company (CBSH) performance to the indices named below. It assumes $\$ 100$ invested on December 31, 2008 with dividends invested on a cumulative total shareholder return basis.

|  | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Commerce (CBSH) | 100.00 | 94.96 | 104.78 | 108.07 | 110.90 | 152.26 |
| NASDAQ OMX Global-Bank | 100.00 | 98.65 | 109.85 | 81.92 | 110.37 | 150.79 |
| NASDAQ Bank | 100.00 | 84.30 | 100.68 | 90.16 | 105.38 | 150.84 |
| S\&P 500 | 100.00 | 126.46 | 145.50 | 148.59 | 172.37 | 228.19 |

As a result of a change in the total return data made available to us through our vendor provider, our performance graphs going forward will be using an index provided by NASDAQ OMX Global Indexes which is comparable to the NASDAQ Bank Stock Index. Please note, information for the NASDAQ Bank Stock Index is provided only from December 31, 2008 through December 31, 2013, the last day this data was available by our third-party provider.

The following table sets forth information about the Company's purchases of its $\$ 5$ par value common stock, its only class of stock registered pursuant to Section 12 of the Exchange Act, during the fourth quarter of 2013.

| Period | Total Number of Shares Purchased | Average Price Paid per Share | Total Number | Maximum |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | of Shares <br> Purchased as | Number that <br> May Yet Be |
|  |  |  | Part of Publicly | Purchased |
|  |  |  | Announced | Under the |
|  |  |  | Program | Program |
| October 1-31, 2013 | - | \$- | - | 3,495,733 |
| November 1-30, 2013 | 2,606 | \$45.75 | 2,606 | 3,493,127 |
| December 1-31, 2013 | 862 | \$44.96 | 862 | 3,492,265 |
| Total | 3,468 | \$45.55 | 3,468 | 3,492,265 |

The Company's stock purchases shown above were made under authorizations by the Board of Directors. Under the most recent authorization in July 2013 of 4,000,000 shares, 3,492,265 shares remained available for purchase at December 31, 2013.

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Item 6. SELECTED FINANCIAL DATA
The required information is set forth below in Item 7.

## Item 7 MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

## Forward-Looking Statements

This report may contain "forward-looking statements" that are subject to risks and uncertainties and include information about possible or assumed future results of operations. Many possible events or factors could affect the future financial results and performance of Commerce Bancshares, Inc. and its subsidiaries (the "Company"). This could cause results or performance to differ materially from those expressed in the forward-looking statements. Words such as "expects", "anticipates", "believes", "estimates", variations of such words and other similar expressions are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions which are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in, or implied by, such forward-looking statements. Readers should not rely solely on the forward-looking statements and should consider all uncertainties and risks discussed throughout this report. Forward-looking statements speak only as of the date they are made. The Company 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 possible events or factors include the risk factors identified in Item 1a Risk Factors and the following: changes in economic conditions in the Company's market area; changes in policies by regulatory agencies, governmental legislation and regulation; fluctuations in interest rates; changes in liquidity requirements; demand for loans in the Company's market area; changes in accounting and tax principles; estimates made on income taxes; failure of litigation settlement agreements to become final in accordance with their terms; and competition with other entities that offer financial services. Overview
The Company operates as a super-community bank and offers a broad range of financial products to consumer and commercial customers, delivered with a focus on high-quality, personalized service. It is the largest bank holding company headquartered in Missouri, with its principal offices in Kansas City and St. Louis, Missouri. Customers are served from approximately 360 locations in Missouri, Kansas, Illinois, Oklahoma and Colorado and commercial offices throughout the nation's midsection. A variety of delivery platforms are utilized, including an extensive network of branches and ATM machines, full-featured online banking, and a central contact center.

The core of the Company's competitive advantage is its focus on the local markets it services and its concentration on relationship banking and high touch service. In order to enhance shareholder value, the Company targets core revenue growth. To achieve this growth, the Company focuses on strategies that will expand new and existing customer relationships, offer opportunities for controlled expansion in additional markets, utilize improved technology, and enhance customer satisfaction.

Various indicators are used by management in evaluating the Company's financial condition and operating performance. Among these indicators are the following:
Net income and earnings per share - Net income attributable to Commerce Bancshares, Inc. was $\$ 261.0$ million, a decrease of $3.1 \%$ compared to the previous year. The return on average assets was $1.19 \%$ in 2013, and the return an average equity was $11.99 \%$. Diluted earnings per share decreased $1.4 \%$ in 2013 compared to 2012.
Total revenue - Total revenue is comprised of net interest income and non-interest income. Total revenue in 2013 decreased slightly from 2012, as non-interest income grew $\$ 18.8$ million and net interest income fell $\$ 20.5$ million. Non-interest income saw increases in bank card transaction fees, trust fees, and brokerage fees, partly offset by a decline in capital market fees. Although average loan growth of nearly $10 \%$ was achieved, the low interest rate environment pressured net interest income and the net interest margin declined to $3.11 \%$ in 2013, a 30 basis point
decline from 2012.
Expense control - Total non-interest expense increased $1.8 \%$ this year compared to 2012. Salaries and employee benefits, the largest expense component, increased by $\$ 6.0$ million, or $1.7 \%$, due to higher salaries, which were partly offset by lower incentive compensation and medical costs. Data processing and software expense increased $\$ 4.4$ million, or $6.0 \%$, driven by growth in bank card processing costs.
Asset quality - Net loan charge-offs in 2013 decreased $\$ 7.9$ million from those recorded in 2012 and averaged $.30 \%$ of toans compared to $.42 \%$ in the previous year. Total non-performing assets, which include non-accrual loans and foreclosed

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real estate, amounted to $\$ 55.4$ million at December 31, 2013, a decrease of $\$ 9.4$ million from balances at the previous year end, and represented $.51 \%$ of loans outstanding.
Shareholder return - Total shareholder return, including the change in stock price and dividend reinvestment, was $37.3 \%$ over the past year, largely due to strong performance in the national stock markets during 2013. Shareholder return over the past 10 years was $6.8 \%$.

The following discussion and analysis should be read in conjunction with the consolidated financial statements and related notes. The historical trends reflected in the financial information presented below are not necessarily reflective of anticipated future results.

Key Ratios

| (Based on average balances) | 2013 | 2012 | 2011 | 2010 | 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Return on total assets | 1.19 | \% 1.30 | \% 1.32 | \% 1.22 | \%. 96 |
| Return on total equity | 11.99 | 12.00 | 12.15 | 11.15 | 9.76 |
| Equity to total assets | 9.95 | 10.84 | 10.87 | 10.91 | 9.83 |
| Loans to deposits ${ }^{(1)}$ | 57.12 | 55.80 | 59.15 | 70.02 | 79.79 |
| Non-interest bearing deposits to total deposits | 33.01 | 32.82 | 30.26 | 28.65 | 26.48 |
| Net yield on interest earning assets (tax equivalent basis) | 3.11 | 3.41 | 3.65 | 3.89 | 3.93 |
| (Based on end of period data) |  |  |  |  |  |
| Non-interest income to revenue ${ }^{(2)}$ | 40.32 | 38.44 | 37.82 | 38.54 | 38.41 |
| Efficiency ratio ${ }^{(3)}$ | 60.49 | 59.26 | 59.10 | 59.71 | 59.88 |
| Tier I risk-based capital ratio | 14.06 | 13.60 | 14.71 | 14.38 | 13.04 |
| Total risk-based capital ratio | 15.28 | 14.93 | 16.04 | 15.75 | 14.39 |
| Tier I leverage ratio | 9.43 | 9.14 | 9.55 | 10.17 | 9.58 |
| Tangible common equity to assets ratio ${ }^{(4)}$ | 9.00 | 9.25 | 9.91 | 10.27 | 9.71 |
| Cash dividend payout ratio | 31.51 | 79.48 | 31.06 | 35.52 | 44.15 |

(1) Includes loans held for sale.
(2)Revenue includes net interest income and non-interest income.
(3) The efficiency ratio is calculated as non-interest expense (excluding intangibles amortization) as a percent of (3) revenue.
(4) The tangible common equity to assets ratio is a measurement which management believes is a useful indicator of capital adequacy and utilization. It provides a meaningful basis for period to period and company to company comparisons, and also assists regulators, investors and analysts in analyzing the financial position of the Company. Tangible common equity is a non-GAAP measure and represents common equity less goodwill, core deposit premium and non-controlling interest in subsidiaries. Tangible assets, also a non-GAAP measure, represents total assets less goodwill and core deposit premium.

The following table is a reconciliation of the GAAP financial measures of total equity and total assets to the non-GAAP measures of total tangible common equity and total tangible assets.

| (Dollars in thousands) | 2013 | 2012 | 2011 | 2010 | 2009 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Total equity | $\$ 2,214,397$ | $\$ 2,171,574$ | $\$ 2,170,361$ | $\$ 2,023,464$ | $\$ 1,885,905$ |
| Less non-controlling interest | 3,755 | 4,447 | 4,314 | 1,477 | 1,677 |
| Less goodwill | 138,921 | 125,585 | 125,585 | 125,585 | 125,585 |
| Less core deposit premium | 8,489 | 4,828 | 6,970 | 9,612 | 12,754 |
| Total tangible common equity (a) | $\$ 2,063,232$ | $\$ 2,036,714$ | $\$ 2,033,492$ | $\$ 1,886,790$ | $\$ 1,745,889$ |

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Total assets
Less goodwill
Less core deposit premium
Total tangible assets (b)
Tangible common equity to assets ratio (a)/(b)

| $\$ 23,072,036$ | $\$ 22,159,589$ | $\$ 20,649,367$ | $\$ 18,502,339$ | $\$ 18,120,189$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 138,921 | 125,585 | 125,585 | 125,585 | 125,585 |  |
| 8,489 | 4,828 | 6,970 | 9,612 | 12,754 |  |
| $\$ 22,924,626$ | $\$ 22,029,176$ | $\$ 20,516,812$ | $\$ 18,367,142$ | $\$ 17,981,850$ |  |
| 9.00 | $\% 9.25$ | $\% 9.91$ | $\% 10.27$ | $\% 9.71$ | $\%$ |

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Selected Financial Data
(In thousands, except per share data)
Net interest income
Provision for loan losses
Non-interest income
Investment securities gains (losses), net
Non-interest expense
Net income attributable to Commerce
Bancshares, Inc.
Net income per common share-basic*
Net income per common share-diluted*
Cash dividends
Cash dividends per share*
Market price per share*
Book value per share*
Common shares outstanding*
Total assets
Loans, including held for sale
Investment securities
Deposits
Long-term debt
Equity
Non-performing assets

| 2013 | 2012 | 2011 | 2010 | 2009 |
| :--- | :--- | :--- | :--- | :--- |
| $\$ 619,372$ | $\$ 639,906$ | $\$ 646,070$ | $\$ 645,932$ | $\$ 635,502$ |
| 20,353 | 27,287 | 51,515 | 100,000 | 160,697 |
| 418,386 | 399,630 | 392,917 | 405,111 | 396,259 |
| $(4,425$ | 4,828 | 10,812 | $(1,785$ | $)(7,195$ |
| 629,633 | 618,469 | 617,249 | 631,134 | 621,737 |
| 260,961 | 269,329 | 256,343 | 221,710 | 169,075 |
| 2.73 | 2.77 | 2.57 | 2.19 | 1.71 |
| 2.72 | 2.76 | 2.56 | 2.18 | 1.70 |
| 82,104 | 211,608 | 79,140 | 78,231 | 74,720 |
| .857 | 2.195 | .795 | .773 | .752 |
| 44.91 | 33.39 | 34.58 | 34.32 | 31.86 |
| 23.10 | 22.62 | 22.13 | 20.18 | 18.69 |
| 95,881 | 95,985 | 98,070 | 100,278 | 100,897 |
| $23,072,036$ | $22,159,589$ | $20,649,367$ | $18,502,339$ | $18,120,189$ |
| $10,956,836$ | $9,840,211$ | $9,208,554$ | $9,474,733$ | $10,490,327$ |
| $9,042,997$ | $9,669,735$ | $9,358,387$ | $7,409,534$ | $6,473,388$ |
| $19,047,348$ | $18,348,653$ | $16,799,883$ | $15,085,021$ | $14,210,451$ |
| 455,310 | 503,710 | 511,817 | 512,273 | $1,236,062$ |
| $2,214,397$ | $2,171,574$ | $2,170,361$ | $2,023,464$ | $1,885,905$ |
| 55,439 | 64,863 | 93,803 | 97,320 | 116,670 |

*Restated for the 5\% stock dividend distributed in December 2013.

Results of Operations

|  |  |  |  | \$ Change |  |  | \% Ch |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in thousands) | 2013 | 2012 | 2011 | '13-'12 | '12-'11 |  | '13-'12 | '12-'11 |  |
| Net interest income | \$619,372 | \$639,906 | \$646,070 | \$(20,534 | ) \$(6,164 |  | (3.2 | )\%(1.0 | \% |
| Provision for loan losses | (20,353 | ) $(27,287$ | ) (51,515 | ) (6,934 | ) $(24,228$ |  | (25.4 | (47.0 | ) |
| Non-interest income | 418,386 | 399,630 | 392,917 | 18,756 | 6,713 |  | 4.7 | 1.7 |  |
| Investment securities gains (losses), net | (4,425 | )4,828 | 10,812 | (9,253 | ) (5,984 |  | N.M. | (55.3 | ) |
| Non-interest expense | (629,633 | ) (618,469 | ) (617,249 | ) 11,164 | 1,220 |  | 1.8 | . 2 |  |
| Income taxes | (122,230 | ) (127,169 | ) (121,412 | ) $(4,939$ | ) 5,757 |  | (3.9 | 4.7 |  |
| Non-controlling interest expense | (156 | ) (2,110 | ) (3,280 | ) (1,954 | ) (1,170 |  | (92.6 | (35.7 | ) |
| Net income attributable to | \$260,961 | \$269,329 | \$256,343 | \$(8,368 | )\$12,986 |  | (3.1 | )\%5.1 | \% |

Net income attributable to Commerce Bancshares, Inc. for 2013 was $\$ 261.0$ million, a decrease of $\$ 8.4$ million, or $3.1 \%$, compared to $\$ 269.3$ million in 2012. Diluted income per share was $\$ 2.72$ in 2013 compared to $\$ 2.76$ in 2012. The decrease in net income resulted from a $\$ 20.5$ million decrease in net interest income, as well as an increase of $\$ 11.2$ million in non-interest expense and a decrease of $\$ 9.3$ million in net securities gains. These decreases in net income were partly offset by an increase in non-interest income of $\$ 18.8$ million and a decline of $\$ 6.9$ million in the provision for loan losses. The return on average assets was $1.19 \%$ in 2013 compared to $1.30 \%$ in 2012, and the return on average equity was $11.99 \%$ compared to $12.00 \%$ in 2012. At December 31, 2013, the ratio of tangible common equity to assets was $9.00 \%$ compared to $9.25 \%$ at year end 2012.

During 2013, net interest income decreased $\$ 20.5$ million, or $3.2 \%$, compared to 2012. This decrease continued the trend noted in the previous year of lower rates earned on investment securities and loans, partly offset by higher loan balances and lower rates paid on deposits. The provision for loan losses decreased $\$ 6.9$ million from the previous year, totaling $\$ 20.4$ million in 2013, and was $\$ 11.0$ million lower than net loan charge-offs in 2013. Net charge-offs declined by $\$ 7.9$ million in 2013 compared to 2012, mainly in construction, business real estate, consumer, and revolving home equity loans.

Non-interest income for 2013 was $\$ 418.4$ million, an increase of $\$ 18.8$ million, or $4.7 \%$, compared to $\$ 399.6$ million in 2012. This increase resulted mainly from increases of $\$ 7.9$ million in trust fees and $\$ 12.4$ million in bank card fees. Bank card fees included a $\$ 9.9$ million increase in corporate card fees, a product line upon which the Company has placed significant focus during

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the past few years and which continues to show strong growth. Capital market fees declined $\$ 6.9$ million due to weak demand from correspondent and commercial customers.

During 2013, investment securities net losses of $\$ 4.4$ million were incurred, compared to net gains of $\$ 4.8$ million during 2012. Gains and losses in both years resulted from activity in the private equity investment portfolio, and include fair value adjustments and gains/losses realized upon sale or disposition.

Non-interest expense for 2013 was $\$ 629.6$ million, an increase of $\$ 11.2$ million over $\$ 618.5$ million in 2012. The increase in non-interest expense included a $\$ 6.0$ million increase in salaries and benefits expense, as well as a $\$ 4.4$ million increase in data processing and software expense. Occupancy, supplies and communications, marketing and deposit insurance expense increased on a combined basis by only $\$ 94$ thousand. Partly offsetting these increases in non-interest expense during 2013 was a $\$ 1.7$ million decrease in equipment expense. Income tax expense was $\$ 122.2$ million in 2013 compared to $\$ 127.2$ million in 2012, resulting in an effective tax rate of $31.9 \%$ in 2013 and $32.1 \%$ in 2012.

Net income attributable to Commerce Bancshares, Inc. for 2012 was $\$ 269.3$ million, an increase of $\$ 13.0$ million, or $5.1 \%$, compared to $\$ 256.3$ million in 2011. Diluted income per share was $\$ 2.76$ in 2012 compared to $\$ 2.56$ in 2011. The increase in net income largely resulted from a $\$ 24.2$ million decrease in the provision for loan losses coupled with an increase of $\$ 6.7$ million in non-interest income. These increases to net income were partly offset by a decline of $\$ 6.2$ million in net interest income, $\$ 6.0$ million in lower net securities gains, and a $\$ 5.8$ million increase in income tax expense. The return on average assets was $1.30 \%$ in 2012 compared to $1.32 \%$ in 2011 , and the return on average equity was $12.00 \%$ compared to $12.15 \%$ in 2011. At December 31, 2012, the ratio of tangible common equity to assets was $9.25 \%$ compared to $9.91 \%$ at year end 2011.

During 2012, net interest income decreased $\$ 6.2$ million to $\$ 639.9$ million, as compared to $\$ 646.1$ million in 2011. This decline was due to lower rates earned on investment securities and loans, partly offset by higher balances in these assets and lower rates paid on deposits. The provision for loan losses totaled $\$ 27.3$ million in 2012, a decrease of $\$ 24.2$ million from the prior year. Net loan charge-offs declined by $\$ 25.2$ million in 2012 compared to 2011, mainly in business, construction, consumer, and consumer credit card loans.

Non-interest income for 2012 was $\$ 399.6$ million, an increase of $\$ 6.7$ million, or $1.7 \%$, compared to 2011. This increase resulted mainly from higher trust fees and capital market fees, and a $\$ 13.0$ million increase in corporate card revenue. Debit card interchange income, which was limited by rules adopted under the Dodd-Frank Act effective in the fourth quarter of 2011, declined $\$ 19.3$ million. Deposit fees decreased $\$ 3.2$ million, as declines in overdraft and return items fees were partly offset by increases in other types of deposit fees. Loan fees and sales declined $\$ 1.5$ million, as sales of home mortgages in the secondary market were discontinued in late 2011.

Non-interest expense for 2012 was $\$ 618.5$ million, an increase of $\$ 1.2$ million over 2011. This slight increase included a $\$ 15.6$ million increase in salaries and benefits expense, as well as a $\$ 5.7$ million increase in data processing and software expense. During 2012, non-interest expense included a $\$ 5.2$ million charge related to Visa interchange litigation, which is discussed further in Note 20 to the consolidated financial statements. Offsetting these increases in non-interest expense during 2012 was $\$ 18.3$ million expensed during 2011 related to debit card overdraft litigation, also discussed further in Note 20. Income tax expense was $\$ 127.2$ million in 2012 compared to $\$ 121.4$ million in 2011, resulting in an effective tax rate of $32.1 \%$ in both years.

In September 2013, the Company acquired Summit Bancshares, Inc., an Oklahoma-based franchise with $\$ 261.6$ million in assets and branch locations in Tulsa and Oklahoma City. The acquisition is further discussed in Note 2 to the consolidated financial statements.

The Company distributed a $5 \%$ stock dividend for the twentieth consecutive year on December 16, 2013. All per share and average share data in this report has been restated to reflect the 2013 stock dividend.

Critical Accounting Policies
The Company's consolidated financial statements are prepared based on the application of certain accounting policies, the most significant of which are described in Note 1 to the consolidated financial statements. Certain of these policies require numerous estimates and strategic or economic assumptions that may prove inaccurate or be subject to variations which may significantly affect the Company's reported results and financial position for the current period or future periods. The use of estimates, assumptions, and judgments are necessary when financial assets and liabilities are required to be recorded at, or adjusted to reflect, fair value. Current economic conditions may require the use of additional estimates, and some estimates may be subject to a greater degree of uncertainty due to the current instability of the economy. The Company has identified several policies as being critical because they require management to make particularly difficult, subjective and/or complex judgments about matters that

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are inherently uncertain and because of the likelihood that materially different amounts would be reported under different conditions or using different assumptions. These policies relate to the allowance for loan losses, the valuation of certain investment securities, and accounting for income taxes.

## Allowance for Loan Losses

The Company performs periodic and systematic detailed reviews of its loan portfolio to assess overall collectability. The level of the allowance for loan losses reflects the Company's estimate of the losses inherent in the loan portfolio at any point in time. While these estimates are based on substantive methods for determining allowance requirements, actual outcomes may differ significantly from estimated results, especially when determining allowances for business, construction and business real estate loans. These loans are normally larger and more complex, and their collection rates are harder to predict. Personal banking loans, including personal real estate, credit card and consumer loans, are individually smaller and perform in a more homogenous manner, making loss estimates more predictable. Further discussion of the methodology used in establishing the allowance is provided in the Allowance for Loan Losses section of Item 7 and in Note 1 to the consolidated financial statements.

## Valuation of Investment Securities

The Company carries its investment securities at fair value and employs valuation techniques which utilize observable inputs when those inputs are available. These observable inputs reflect assumptions market participants would use in pricing the security and are developed based on market data obtained from sources independent of the Company. When such information is not available, the Company employs valuation techniques which utilize unobservable inputs, or those which reflect the Company's own assumptions about market participants, based on the best information available in the circumstances. These valuation methods typically involve cash flow and other financial modeling techniques. Changes in underlying factors, assumptions, estimates, or other inputs to the valuation techniques could have a material impact on the Company's future financial condition and results of operations. Assets and liabilities carried at fair value inherently result in more financial statement volatility. Under the fair value measurement hierarchy, fair value measurements are classified as Level 1 (quoted prices), Level 2 (based on observable inputs) or Level 3 (based on unobservable, internally-derived inputs), as discussed in more detail in Note 16 on Fair Value Measurements. Most of the available for sale investment portfolio is priced utilizing industry-standard models that consider various assumptions observable in the marketplace or which can be derived from observable data. Such securities totaled approximately $\$ 8.3$ billion, or $92.6 \%$ of the available for sale portfolio at December 31, 2013, and were classified as Level 2 measurements. The Company also holds $\$ 127.7$ million in auction rate securities. These were classified as Level 3 measurements, as no liquid market currently exists for these securities, and fair values were derived from internally generated cash flow valuation models which used unobservable inputs significant to the overall measurement.

Changes in the fair value of available for sale securities, excluding credit losses relating to other-than-temporary impairment, are reported in other comprehensive income. The Company periodically evaluates the available for sale portfolio for other-than-temporary impairment. Evaluation for other-than-temporary impairment is based on the Company's intent to sell the security and whether it is likely that it will be required to sell the security before the anticipated recovery of its amortized cost basis. If either of these conditions is met, the entire loss (the amount by which the amortized cost exceeds the fair value) must be recognized in current earnings. If neither condition is met, but the Company does not expect to recover the amortized cost basis, the Company must determine whether a credit loss has occurred. This credit loss is the amount by which the amortized cost basis exceeds the present value of cash flows expected to be collected from the security. The credit loss, if any, must be recognized in current earnings, while the remainder of the loss, related to all other factors, is recognized in other comprehensive income.

The estimation of whether a credit loss exists and the period over which the security is expected to recover requires significant judgment. The Company must consider available information about the collectability of the security, including information about past events, current conditions, and reasonable forecasts, which includes payment
structure, prepayment speeds, expected defaults, and collateral values. Changes in these factors could result in additional impairment, recorded in current earnings, in future periods.

At December 31, 2013, certain non-agency guaranteed mortgage-backed securities with a fair value of $\$ 70.4$ million were identified as other-than-temporarily impaired. The cumulative credit-related impairment loss initially recorded on these securities amounted to $\$ 12.8$ million, which was recorded in the consolidated statements of income.

The Company, through its direct holdings and its private equity subsidiaries, has numerous private equity investments, categorized as non-marketable securities in the accompanying consolidated balance sheets. These investments are reported at fair value and totaled $\$ 60.7$ million at December 31, 2013. Changes in fair value are reflected in current earnings and reported in investment securities gains (losses), net, in the consolidated statements of income. Because there is no observable market data for these securities, fair values are internally developed using available information and management's judgment, and the securities are classified as Level 3 measurements. Although management believes its estimates of fair value reasonably reflect the fair value of these securities, key assumptions regarding the projected financial performance of these companies, the evaluation of the investee

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company's management team, and other economic and market factors may affect the amounts that will ultimately be realized from these investments.

## Accounting for Income Taxes

Accrued income taxes represent the net amount of current income taxes which are expected to be paid attributable to operations as of the balance sheet date. Deferred income taxes represent the expected future tax consequences of events that have been recognized in the financial statements or income tax returns. Current and deferred income taxes are reported as either a component of other assets or other liabilities in the consolidated balance sheets, depending on whether the balances are assets or liabilities. Judgment is required in applying generally accepted accounting principles in accounting for income taxes. The Company regularly monitors taxing authorities for changes in laws and regulations and their interpretations by the judicial systems. The aforementioned changes, as well as any changes that may result from the resolution of income tax examinations by federal and state taxing authorities, may impact the estimate of accrued income taxes and could materially impact the Company's financial position and results of operations.

## Net Interest Income

Net interest income, the largest source of revenue, results from the Company's lending, investing, borrowing, and deposit gathering activities. It is affected by both changes in the level of interest rates and changes in the amounts and mix of interest earning assets and interest bearing liabilities. The following table summarizes the changes in net interest income on a fully taxable equivalent basis, by major category of interest earning assets and interest bearing liabilities, identifying changes related to volumes and rates. Changes not solely due to volume or rate changes are allocated to rate.

|  | Change due to |  |  | 2012 <br> Change due to |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In thousands) | Average Volume | Average <br> Rate | Total | Average Volume | Average <br> Rate | Total |
| Interest income, fully taxable equivalent basis |  |  |  |  |  |  |
| Loans | \$42,759 | \$(49,138 | ) \$(6,379 | ) 77,898 | \$(24,813 | )\$(16,915 |
| Loans held for sale | (194 | ) 9 | (185 | ) (882 | ) 128 | (754 |
| Investment securities: |  |  |  |  |  |  |
| U.S. government and federal agency obligations | 2,538 | (6,023 | ) (3,485 | ) (1,231 | ) (3,777 | ) (5,008 |
| Government-sponsored enterprise obligations | 3,556 | (551 | ) 3,005 | 1,223 | (1,351 | )(128 |
| State and municipal obligations | 9,459 | (4,993 | ) 4,466 | 8,945 | (6,877 | ) 2,068 |
| Mortgage-backed securities | (18,553 | ) $(1,451$ | ) (20,004 | )9,548 | (16,426 | ) $(6,878$ |
| Asset-backed securities | 1,484 | (5,949 | ) $(4,465$ | ) 6,017 | (4,600 | ) 1,417 |
| Other securities | 1,671 | (3,099 | ) (1,428 | ) (555 | )3,016 | 2,461 |
| Short-term federal funds sold and securities purchased under agreements to resell | 41 | (17 | )24 | 30 | (3 | )27 |
| Long-term securities purchased under agreements to resell | 6,062 | (4,117 | ) 1,945 | 2,165 | 3,554 | 5,719 |
| Interest earning deposits with banks | 51 | (3 | ) 48 | (147 | )(1 | ) (148 |
| Total interest income | 48,874 | (75,332 | ) $(26,458$ | ) 33,011 | (51,150 | ) (18,139 |
| Interest expense |  |  |  |  |  |  |
| Interest bearing deposits: |  |  |  |  |  |  |
| Savings | 72 | (108 | ) (36 | ) 78 | (128 | ) (50 |
| Interest checking and money market | 1,245 | (5,536 | ) (4,291 | ) 2,273 | (9,397 | ) (7,124 |

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| Time open and C.D.'s of less than $\$ 100,000$ | $(557$ | $)(1,359$ | $)(1,916$ | $)(1,445$ | $)(1,989$ | $)(3,434$ | $)$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Time open and C.D.'s of $\$ 100,000$ and over | 571 | $(1,362$ | $)(791$ | $)(766$ | $)(1,332$ | $)(2,098$ | $)$ |
| Federal funds purchased and securities sold | 144 | $(143$ | $) 1$ | 219 | $(1,152$ | $)(933$ | $)$ |
| under agreements to repurchase | $(160$ | $) 43$ | $(117$ | $) 7$ | $(206$ | $)(199$ | $)$ |
| Other borrowings | 1,315 | $(8,465$ | $)(7,150$ | $) 366$ | $(14,204$ | $)(13,838$ | $)$ |
| Total interest expense | $\$ 47,559$ | $\$(66,867$ | $) \$(19,308$ | $) \$ 32,645$ | $\$(36,946$ | $) \$(4,301$ | $)$ |

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Net interest income totaled $\$ 619.4$ million in 2013 compared to $\$ 639.9$ million in 2012. On a tax equivalent basis, net interest income totaled $\$ 645.9$ million in 2013 and decreased $\$ 19.3$ million from the previous year. This decrease was mainly the result of lower yields on loans and investment securities, partially offset by higher loan balances and lower rates paid on deposits. The net yield on earning assets (tax equivalent) was $3.11 \%$ in 2013 compared with $3.41 \%$ in the previous year.

During 2013, tax equivalent interest income on loans declined $\$ 6.4$ million from 2012 due to a 50 basis point decrease in average rates earned, offset by a $\$ 932.3$ million, or $9.9 \%$, increase in average loan balances. The average tax equivalent rate earned on the loan portfolio was $4.32 \%$ in 2013 compared to $4.82 \%$ in 2012. The lower rates depressed interest income by $\$ 49.1$ million; however, the higher average balances contributed interest income of $\$ 42.8$ million, which together resulted in a $\$ 6.4$ million net decrease in interest income. The largest decline occurred in business real estate loan interest, which decreased $\$ 6.1$ million as a result of a decline in rates of 39 basis points, partly offset by a $\$ 57.8$ million, or $2.6 \%$ increase in average balances. Interest on revolving home equity loans decreased $\$ 1.8$ million due to a $\$ 21.8$ million decline in average balances coupled with a 21 basis point decrease in average rates. Higher levels of interest were earned on business, personal real estate and consumer loans, which increased $\$ 834$ thousand, $\$ 711$ thousand, and $\$ 897$ thousand, respectively. These increases were due to higher average balances, which increased $13.6 \%$ in business, $12.7 \%$ in personal real estate and $21.7 \%$ in consumer loans, partly offset by lower average rates earned. Average consumer loan balances increased $\$ 256.7$ million, which was mainly the result of increases of $\$ 196.2$ million in auto loans and $\$ 88.7$ million in fixed rate home equity loans. These increases were partially offset by an $\$ 82.9$ million decrease in marine and recreational vehicle (RV) loans as that portfolio continues to pay down. Interest earned on consumer credit card loans decreased by $\$ 809$ thousand due to a 44 basis point decrease in the average rate earned, partly offset by the impact of a $\$ 21.8$ million increase in average balances.

Tax equivalent interest income on investment securities decreased by $\$ 21.9$ million in 2013 due to a 25 basis point decrease in average rates earned on these investments, while total average balances increased only slightly. The average rate earned on the total investment securities portfolio declined from $2.55 \%$ in 2012 to $2.30 \%$ in 2013. Interest income on mortgage-backed securities decreased $\$ 20.0$ million in 2013 mainly due to a $\$ 665.0$ million, or $17.3 \%$, decline in average balances. Other declines occurred in interest on asset-backed securities (down $\$ 4.5$ million) and U.S. government and federal agency obligations (down $\$ 3.5$ million)due to rate declines, partly offset by higher average balances. The rate decline in U.S. government obligations was largely due to a decrease in interest of $\$ 3.2$ million on inflation-protected securities. Interest income on state and municipal obligations and government-sponsored enterprise obligations increased $\$ 4.5$ million and $\$ 3.0$ million, respectively, due to higher average invested balances, partly offset by declines in rates earned. State and municipal average balances rose $\$ 240.9$ million, or $17.5 \%$, offset by a rate decline of 31 basis points. Government-sponsored enterprise obligations rose $\$ 193.3$ million, or $63.0 \%$, offset by a rate decline of 11 basis points. Interest on long-term resell agreements increased $\$ 1.9$ million in 2013 compared to the prior year due to a $\$ 282.0$ million increase in the average balances of these instruments, partly offset by a decrease in the average rate earned from $2.15 \%$ in the previous year to $1.80 \%$ in 2013. During 2013, interest expense on deposits decreased $\$ 7.0$ million compared to 2012. This was the result of lower overall rates paid on total deposits, which declined 8 basis points in 2013 to $.22 \%$. Average rates paid on money market accounts declined 7 basis points, and rates paid on certificates of deposit declined 15 basis points. The resulting declines in interest expense were partly offset by the impact of higher average balances of money market accounts, which increased $\$ 579.1$ million, or $7.1 \%$ over 2012. Interest expense on borrowings declined slightly, as the average rate paid fell 3 basis points. The average rate paid on total interest bearing liabilities decreased to $.23 \%$ compared to $.30 \%$ in 2012.
During 2012, tax equivalent interest income on loans declined $\$ 16.9$ million compared to 2011 due to a 27 basis point decrease in average rates earned, partly offset by a $\$ 156.7$ million increase in average balances. The average tax equivalent rate earned on the loan portfolio was $4.82 \%$ compared to $5.09 \%$ in the previous year. Interest earned on business loans decreased $\$ 2.6$ million as a result of a decline in rates of 15 basis points and was partially offset by a $1.8 \%$ increase in average balances. Interest on construction loans decreased $\$ 3.7$ million due to a $\$ 63.5$ million decline

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in average balances coupled with a 23 basis point decrease in average rates. Business real estate average loan balances increased $\$ 76.2$ million, or $3.6 \%$, while average rates earned decreased by 32 basis points, which together resulted in a net $\$ 3.3$ million decrease in interest income. Interest income on personal real estate loans and consumer loans declined $\$ 3.4$ million and $\$ 3.7$ million, respectively, due to lower rates partially offset by higher average loan balances. Average consumer loan balances increased $\$ 61.8$ million, due to increases in auto loans and fixed rate home equity loans, but partly offset by declines in marine and RV loans. Consumer credit card loan interest increased $\$ 1.2$ million due to a 41 basis point increase in the average rate earned, partly offset by a decline in the average balance outstanding of $\$ 16.0$ million.

Tax equivalent interest income on investment securities decreased by $\$ 6.1$ million in 2012 due to a 38 basis point decrease in average rates earned, partially offset by a $\$ 992.7$ million, or $12.3 \%$, increase in average balances outstanding. The average rate earned on the total investment securities portfolio declined from $2.93 \%$ in 2011 to $2.55 \%$ in 2012. Interest income on mortgage-backed securities decreased $\$ 6.9$ million in 2012 due to a 43 basis point decrease in rates earned on these securities, offset by an

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increase of $8.3 \%$, or $\$ 296.5$ million, in average balances. Interest on asset-backed securities increased slightly due to an increase in average balances of $\$ 481.3$ million partially offset by a decline in rates of 16 basis points. Interest on municipal securities increased $\$ 2.1$ million due to higher average balances, which increased $\$ 202.1$ million in 2012, partially offset by the impact of a 50 basis point decrease in average rates earned. Interest on U.S. government and federal agency securities decreased by $\$ 5.0$ million in 2012, which was mostly due to a decrease in interest on inflation-protected securities. Interest on long-term resell agreements increased $\$ 5.7$ million in 2012 over the prior year due to a $\$ 123.7$ million increase in average balances, coupled with an increase of 40 basis points in the average rate earned.
During 2012, interest expense on deposits decreased $\$ 12.7$ million compared to 2011. This was the result of lower rates on all deposit products coupled with a $\$ 402.2$ million decline in average certificate of deposit balances, but partly offset by the effects of higher average balances of money market and interest checking accounts, which grew by $\$ 727.7$ million. Average rates paid on deposit balances declined 13 basis points in 2012 to $.30 \%$. Interest expense on borrowings declined $\$ 1.1$ million, mainly the result of average rates declining by 14 basis points to $.33 \%$, but partly offset by an increase of $\$ 151.0$ million, or $14.6 \%$ in the average balances of federal funds purchased and securities sold under agreements to repurchase. The average rate paid on total interest bearing liabilities decreased to $.30 \%$ compared to $.43 \%$ in 2011.
Provision for Loan Losses
The provision for loan losses totaled $\$ 20.4$ million in 2013, which represented a decrease of $\$ 6.9$ million from the 2012 provision of $\$ 27.3$ million. Net loan charge-offs for the year totaled $\$ 31.4$ million compared with $\$ 39.3$ million in 2012, or a decrease of $\$ 7.9$ million. The decrease in net loan charge-offs from the previous year was mainly the result of lower construction and business real estate losses, which declined $\$ 4.4$ million and $\$ 4.2$ million, respectively, partly offset by higher business loan losses, which increased $\$ 1.6$ million. The allowance for loan losses totaled $\$ 161.5$ million at December 31, 2013, a decrease of $\$ 11.0$ million compared to the prior year, and represented $1.47 \%$ of outstanding loans. The provision for loan losses is recorded to bring the allowance for loan losses to a level deemed adequate by management based on the factors mentioned in the following "Allowance for Loan Losses" section of this discussion.

## Non-Interest Income



Non-interest income totaled $\$ 418.4$ million, an increase of $\$ 18.8$ million, or $4.7 \%$, compared to $\$ 399.6$ million in 2012. Bank card fees increased $\$ 12.4$ million, or $8.1 \%$, over last year, as a result of continued growth in corporate card fees of $\$ 9.9$ million, or $13.9 \%$. In addition, higher transaction volumes resulted in growth of $3.3 \%$ in merchant fees, while credit card fees also increased by $3.8 \%$. Corporate card, merchant card and credit card fees for 2013 totaled
$\$ 80.6$ million, $\$ 27.1$ million and $\$ 23.4$ million, respectively. Trust fee income increased $\$ 7.9$ million, or $8.3 \%$, resulting mainly from growth in personal and institutional trust fees. The market value of total customer trust assets (on which fees are charged) totaled $\$ 35.2$ billion at year end 2013 and grew $16.4 \%$ over year end 2012. Deposit account fees decreased $\$ 468$ thousand, or . $6 \%$, primarily due to a decline in overdraft and return item fees of $\$ 3.4$ million. This decline was mainly the result of a new posting routine on debit card transactions which took effect in February 2013. Partly offsetting this effect was an increase in various other deposit fees and cash management fees of $\$ 3.0$ million. Overdraft fees comprised $39.2 \%$ of total deposit account fees in 2013, down from $43.3 \%$ in 2012, while corporate cash management fees comprised $42.0 \%$ of total deposit account fees in 2013, compared to $40.3 \%$ in 2012. Capital market fees decreased $\$ 6.9$ million, or $32.9 \%$, compared to last year as customer demand for fixed income securities was weak this year. Consumer brokerage services revenue increased $\$ 844$ thousand, or $8.3 \%$, due to growth in advisory fees, while loan fees and sales revenue decreased $\$ 172$ thousand, or $2.8 \%$, due to a decline in loan commitment fees. Other non-interest income increased by $\$ 5.2$ million, or $15.3 \%$, as a result of a $\$ 3.0$ million fair value loss recorded last year on an office building which was held for sale

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and net gains of $\$ 1.4$ million recorded this year in sales of five retail branch facilities no longer in use. In addition, higher swap and foreign exchange fees were recorded in 2013.

During 2012, non-interest income increased $\$ 6.7$ million, or $1.7 \%$, over 2011 to $\$ 399.6$ million. Bank card fees declined $\$ 2.9$ million, or $1.8 \%$, from 2011, due to a decline in debit card interchange fees of $\$ 19.3$ million, or $35.7 \%$ (mainly the effect of new pricing regulations effective in the fourth quarter of 2011), which was partly offset by growth in corporate card fees of $\$ 13.0$ million, or $22.4 \%$. Corporate card and debit card fees for 2012 totaled $\$ 70.8$ million and $\$ 34.6$ million, respectively. Merchant fees grew by $8.9 \%$ due to higher transaction volumes and totaled $\$ 26.2$ million for the year, while credit card fees grew $5.9 \%$ and totaled $\$ 22.6$ million. Trust fee income increased $\$ 6.4$ million, or $7.2 \%$. The market value of total customer trust assets totaled $\$ 30.2$ billion at year end 2012 and grew $10.7 \%$ over year end 2011. Deposit account fees decreased $\$ 3.2$ million, or $3.8 \%$, due to lower overdraft and return item fees of $\$ 6.5$ million, while other deposit fees increased $\$ 3.4$ million. Overdraft fees comprised $43.3 \%$ of total deposit account fees in 2012, down from $49.5 \%$ in 2011. Corporate cash management fees comprised $40.3 \%$ of total deposit account fees in 2012 and were flat compared to 2011. Capital market fees increased $\$ 1.2$ million, or $6.1 \%$. Consumer brokerage services revenue increased $\$ 144$ thousand, or $1.4 \%$, due to growth in advisory fees, mostly offset by lower life insurance revenue. Loan fees and sales revenue was down $\$ 1.5$ million, or $20.4 \%$, due to a decline in mortgage banking revenue (mainly because late in 2011 the Company adopted a policy of retaining all first mortgage loan originations). Other non-interest income increased by $\$ 6.6$ million, or $24.0 \%$, mainly due to higher tax credit sales income, leasing revenue and net gains related to banking properties in 2012.

Investment Securities Gains (Losses), Net
(In thousands)
Available for sale:
Common stock \$1,375
Municipal bonds
Agency mortgage-backed bonds
OTTI losses on non-agency mortgage-backed bonds
Non-marketable:
Private equity investments
Total investment securities gains (losses), net

| 2013 | 2012 | 2011 |
| :--- | :--- | :--- |
| $\$ 1,375$ | $\$-$ | $\$-$ |
| 126 | 16 | 177 |
| - | 342 | - |
| $(1,284$ | $)(1,490$ | $)(2,537$ |
|  |  |  |
| $(4,642$ | $) 5,960$ | 13,172 |
| $\$(4,425$ | $) \$ 4,828$ | $\$ 10,812$ |

Net gains and losses on investment securities during 2013, 2012 and 2011 are shown in the table above. Included in these amounts are gains and losses arising from sales of bonds from the Company's available for sale portfolio, including credit-related losses on debt securities identified as other-than-temporarily impaired. Also shown are gains and losses relating to non-marketable private equity investments, which are primarily held by the Parent's majority-owned private equity subsidiaries. These include fair value adjustments, in addition to gains and losses realized upon disposition. Portions of the fair value adjustments attributable to minority interests are reported as non-controlling interest in the consolidated statements of income, and resulted in income of $\$ 1.1$ million in 2013 and expense of $\$ 1.3$ million and $\$ 2.6$ million in 2012 and 2011, respectively.
Net securities losses of $\$ 4.4$ million were recorded in 2013, which included $\$ 4.6$ million in losses resulting mainly from fair value adjustments on private equity investments, partly offset by a gain of $\$ 1.4$ million relating to the donation of appreciated stock by the Company. Also included in net losses were credit-related impairment losses of $\$ 1.3$ million on certain non-agency guaranteed mortgage-backed securities which have been identified as other-than-temporarily impaired. The cumulative credit-related impairment on these bonds totaled $\$ 12.8$ million. These identified securities had a total fair value of $\$ 70.4$ million at December 31, 2013, compared to $\$ 101.7$ million at December 31, 2012.
Net securities gains of $\$ 4.8$ million were recorded in 2012, compared to net gains of $\$ 10.8$ million in 2011. In both years, these gains and losses were comprised mainly of fair value adjustments in the private equity investment portfolio, coupled with losses in the available for sale portfolio relating to other-than-temporary impairment (OTTI).

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Non-Interest Expense

|  |  | $\%$ Change |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| (Dollars in thousands) | 2013 | 2012 | 2011 | '13-'12 | '12-'11 |  |
| Salaries | $\$ 310,179$ | $\$ 302,675$ | $\$ 293,318$ | 2.5 | $\% 3.2$ | $\%$ |
| Employee benefits | 56,688 | 58,224 | 52,007 | $(2.6$ | $)$ | 12.0 |
| Net occupancy | 45,639 | 45,534 | 46,434 | .2 | $(1.9$ |  |
| Equipment | 18,425 | 20,147 | 22,252 | $(8.5$ | $)$ | $(9.5$ |
| Supplies and communication | 22,511 | 22,321 | 22,448 | .9 | $(.6$ | ) |
| Data processing and software | 78,245 | 73,798 | 68,103 | 6.0 | 8.4 |  |
| Marketing | 14,176 | 15,106 | 16,767 | $(6.2$ | $)$ | $(9.9$ |
| Deposit insurance | 11,167 | 10,438 | 13,123 | 7.0 | $(20.5$ | ) |
| Debit overdraft litigation | - | - | 18,300 | NM | $(100.0$ | ) |
| Other | 72,603 | 70,226 | 64,497 | 3.4 | 8.9 |  |
| Total non-interest expense | $\$ 629,633$ | $\$ 618,469$ | $\$ 617,249$ | 1.8 | $\% .2$ | $\%$ |
| Efficiency ratio | 60.5 | $\% 59.3$ | $\% 59.1$ | $\%$ |  |  |
| Salaries and benefits as a $\%$ of total |  |  |  |  |  |  |
| non-interest expense | 58.3 | $\% 58.4$ | $\% 55.9$ | $\%$ |  |  |
| Number of full-time equivalent |  |  |  |  |  |  |
| employees | 4,727 | 4,708 | 4,745 |  |  |  |

Non-interest expense was $\$ 629.6$ million in 2013, an increase of $\$ 11.2$ million, or $1.8 \%$, over the previous year. Salaries and benefits expense increased by $\$ 6.0$ million, or $1.7 \%$, mainly due to higher full-time salaries expense, partly offset by lower medical and incentives expense. Growth in salaries expense resulted partly from staffing costs associated with the Summit acquisition, coupled with staffing additions in commercial banking, wealth and commercial card. Full-time equivalent employees totaled 4,727 at December 31, 2013, an increase of $.4 \%$. Occupancy expense increased $\$ 105$ thousand, or $.2 \%$, while supplies and communication expense increased $\$ 190$ thousand, or $.9 \%$. Equipment expense decreased $\$ 1.7$ million, or $8.5 \%$, due to lower depreciation expense. Data processing and software expense increased $\$ 4.4$ million, or $6.0 \%$, mainly due to higher bank card processing expense and data processing termination fees relating to the Summit acquisition. Marketing expense declined $\$ 930$ thousand, or $6.2 \%$, while deposit insurance increased $\$ 729$ thousand, or $7.0 \%$. Other non-interest expense increased $\$ 2.4$ million, or $3.4 \%$, over the prior year, resulting mainly from an increase of $\$ 4.0$ million in legal and professional fees, provisions of $\$ 2.8$ million on letter of credit exposures, contribution expense of $\$ 1.5$ million on appreciated stock, and higher travel and entertainment expense. These expense increases were partly offset by gains of $\$ 3.1$ million on sales of foreclosed property in 2013, in addition to a 2012 charge of $\$ 5.2$ million related to certain Visa-related interchange litigation that did not reoccur in 2013.

In 2012, non-interest expense was $\$ 618.5$ million, an increase of $\$ 1.2$ million, or $.2 \%$, over 2011. Salaries and benefits expense increased by $\$ 15.6$ million, or $4.5 \%$, largely due to higher salaries, incentive compensation, medical and retirement expense. Full-time equivalent employees totaled 4,708 at December 31, 2012, a decline of $.8 \%$ from 2011. Occupancy expense declined $\$ 900$ thousand, or $1.9 \%$, primarily resulting from lower depreciation and outside services expense, partly offset by a decline in rent income. Equipment expense decreased $\$ 2.1$ million, or $9.5 \%$, also due to lower depreciation expense. Supplies and communication expense decreased slightly, while marketing expense was lower by $\$ 1.7$ million, or $9.9 \%$. Data processing and software expense increased $\$ 5.7$ million, or $8.4 \%$, mainly due to higher bank card processing expense. Deposit insurance expense declined $\$ 2.7$ million, or $20.5 \%$, as a result of new FDIC assessment rules which became effective in the second quarter of 2011. Other non-interest expense increased $\$ 5.7$ million, or $8.9 \%$, mainly due to the accrual in 2012 of $\$ 5.2$ million as mentioned above. Also, during 2011, the Company's indemnification obligation related to certain Visa litigation was reduced by $\$ 4.4$ million, and further adjustments were not reoccurring. Partly offsetting these increases to other non-interest expense in 2012 were reductions of $\$ 853$ thousand in regulatory examination fees and $\$ 788$ thousand in intangible asset amortization, in
addition to an increase of $\$ 1.7$ million in deferred loan origination costs. In addition, results for 2011 included a non-recurring charge of $\$ 18.3$ million relating to the settlement of a class-wide debit card overdraft suit, discussed further in Note 20.

Income Taxes
Income tax expense was $\$ 122.2$ million in 2013, compared to $\$ 127.2$ million in 2012 and $\$ 121.4$ million in 2011. The decrease in income tax expense in 2013 over 2012 was proportional to the decrease in pre-tax income. The effective tax rate, including the effect of non-controlling interest, was $31.9 \%$ in 2013 compared to $32.1 \%$ in 2012 and 2011. The Company's effective tax rates in the years noted above were lower than the federal statutory rate of $35 \%$ mainly due to tax-exempt interest on state and local municipal obligations.

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Financial Condition
Loan Portfolio Analysis
Classifications of consolidated loans by major category at December 31 for each of the past five years are shown in the table below. This portfolio consists of loans which were acquired or originated with the intent of holding to their maturity. Loans held for sale are separately discussed in a following section. A schedule of average balances invested in each loan category below appears on page 50 .

|  | Balance at December 31 |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: |
| (In thousands) | 2013 | 2012 | 2011 | 2010 | 2009 |  |  |  |  |
| Commercial: |  |  |  |  |  |  |  |  |  |
| Business <br> Real estate — construction and land | $\$ 3,715,319$ | $\$ 3,134,801$ | $\$ 2,808,265$ | $\$ 2,957,043$ | $\$ 2,877,936$ |  |  |  |  |
| Real estate - business | $2,313,550$ | $2,214,975$ | $2,180,100$ | $2,065,837$ | $2,104,030$ |  |  |  |  |
| Personal banking: |  |  | 355,996 | 386,598 | 460,853 |  |  |  |  |
| Real estate - personal | $1,787,626$ | $1,584,859$ | $1,428,777$ | $1,440,386$ | $1,537,687$ |  |  |  |  |
| Consumer | $1,512,716$ | $1,289,650$ | $1,114,889$ | $1,164,327$ | $1,333,763$ |  |  |  |  |
| Revolving home equity | 420,589 | 437,567 | 463,587 | 477,518 | 489,517 |  |  |  |  |
| Student | - | - | - | - | 331,698 |  |  |  |  |
| Consumer credit card | 796,228 | 804,245 | 788,701 | 831,035 | 799,503 |  |  |  |  |
| Overdrafts | 4,611 | 9,291 | 6,561 | 13,983 | 6,080 |  |  |  |  |
| Total loans | $\$ 10,956,836$ | $\$ 9,831,384$ | $\$ 9,177,478$ | $\$ 9,410,982$ | $\$ 10,145,324$ |  |  |  |  |

The contractual maturities of loan categories at December 31, 2013, and a breakdown of those loans between fixed rate and floating rate loans are as follows:

| (In thousands) | Principal Payments Due |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | In | After One | After | Total |
|  | One Year | Year Through | Five |  |
|  | or Less | Five Years | Years |  |
| Business | \$1,742,479 | \$1,389,715 | \$583,125 | \$3,715,319 |
| Real estate - construction and land | 237,992 | 156,726 | 11,479 | 406,197 |
| Real estate - business | 551,360 | 1,466,073 | 296,117 | 2,313,550 |
| Real estate - personal | 147,777 | 492,884 | 1,146,965 | 1,787,626 |
| Total business and real estate loans | \$2,679,608 | \$3,505,398 | \$2,037,686 | 8,222,692 |
| Consumer ${ }^{(1)}$ |  |  |  | 1,512,716 |
| Revolving home equity ${ }^{(2)}$ |  |  |  | 420,589 |
| Consumer credit card ${ }^{(3)}$ |  |  |  | 796,228 |
| Overdrafts |  |  |  | 4,611 |
| Total loans |  |  |  | \$ 10,956,836 |
| Loans with fixed rates | \$647,771 | \$2,103,755 | \$ 1,032,580 | \$3,784,106 |
| Loans with floating rates | 2,031,837 | 1,401,643 | 1,005,106 | 4,438,586 |
| Total business and real estate loans | \$2,679,608 | \$3,505,398 | \$2,037,686 | \$8,222,692 |

(1) Consumer loans with floating rates totaled $\$ 177.4$ million.
(2) Revolving home equity loans with floating rates totaled $\$ 420.4$ million.
(3) Consumer credit card loans with floating rates totaled $\$ 654.1$ million.

Total loans at December 31, 2013 were $\$ 11.0$ billion, an increase of $\$ 1.1$ billion, or $11.4 \%$, over balances at December 31, 2012. This increase included loan balances of $\$ 207.4$ million acquired in the Summit transaction on September 1, 2013. On an overall basis, the growth in loans during 2013 occurred in all loan categories except in revolving home equity loans and consumer credit card loans, which experienced small declines. Business loans increased $\$ 580.5$
million, or $18.5 \%$, reflecting growth in tax-advantaged lending, aircraft lending, leasing, and dealer floor plan loans. Business real estate loans increased $\$ 98.6$ million, or $4.5 \%$, largely due to loans acquired in the Summit transaction. Construction loans increased $\$ 50.2$ million, or $14.1 \%$, and resulted from increased activity in residential construction as housing began to recover in 2012 and 2013 and the demand for new construction reduced available housing supplies. Personal real estate loans increased $\$ 202.8$ million, or $12.8 \%$, as lending activity continued to strengthen in 2013. The growth in personal real estate loans was mainly due to the Company's current practice of retaining all

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new loan production, instead of selling the loans in the secondary market, during the recent housing recovery. Consumer loans were higher by $\$ 223.1$ million, or $17.3 \%$, primarily due to strong demand for consumer automobile and fixed rate home equity lending, while marine and recreational vehicle lending continued to run off during the year. Revolving home equity loans decreased $\$ 17.0$ million, or $3.9 \%$, as borrowers continue to prefer fixed rate home equity loans with pre-determined payments and amortization schedules. The balance of these fixed rate loans grew $\$ 74.8$ million. Consumer credit card loans decreased by $\$ 8.0$ million, or $1.0 \%$, as competition for new card customers remained intense and consumer card borrowers remained conservative in their use of revolving card plans.

The Company currently generates approximately $32 \%$ of its loan portfolio in the St. Louis market, 29\% in the Kansas City market, and $39 \%$ in other regional markets. The portfolio is diversified from a business and retail standpoint, with $59 \%$ in loans to businesses and $41 \%$ in loans to consumers. A balanced approach to loan portfolio management and an historical aversion toward credit concentrations, from an industry, geographic and product perspective, have contributed to low levels of problem loans and loan losses.

The Company participates in credits of large, publicly traded companies which are defined by regulation as shared national credits, or SNCs. Regulations define SNCs as loans exceeding $\$ 20$ million that are shared by three or more financial institutions. The Company typically participates in these loans when business operations are maintained in the local communities or regional markets and opportunities to provide other banking services are present. At December 31, 2013, the balance of SNC loans totaled approximately $\$ 406.3$ million, with an additional $\$ 1.2$ billion in unfunded commitments, compared to $\$ 483.1$ million in loans and $\$ 1.1$ billion in commitments at December 31, 2012.

## Commercial Loans

Business
Total business loans amounted to $\$ 3.7$ billion at December 31, 2013 and include loans used mainly to fund customer accounts receivable, inventories, and capital expenditures. The business loan portfolio includes tax advantaged financings which carry tax free interest rates. These loans totaled $\$ 705.0$ million at December 31, 2013, which was a $62.0 \%$ increase over December 31, 2012 balances, and comprised $6.4 \%$ of the Company's total loan portfolio. The portfolio also includes direct financing and sales type leases totaling $\$ 368.8$ million, which are used by commercial customers to finance capital purchases ranging from computer equipment to office and transportation equipment. These leases increased $\$ 57.3$ million, or $18.4 \%$, over 2012 and comprised $3.4 \%$ of the Company's total loan portfolio. Also included in this portfolio are corporate card loans, which totaled $\$ 189.5$ million at December 31, 2013. These loans, which decreased by $9.5 \%$ in 2013, are made in conjunction with the Company's corporate card business, and assist businesses in shifting from paper checks to a credit card payment system in order to automate payment processes. These loans are generally short-term, with outstanding balances averaging between 7 to 13 days in duration, which helps to limit risk in these loans.

Business loans, excluding corporate card loans, are made primarily to customers in the regional trade area of the Company, generally the central Midwest, encompassing the states of Missouri, Kansas, Illinois, and nearby Midwestern markets, including Iowa, Oklahoma, Colorado and Ohio. This portfolio is diversified from an industry standpoint and includes businesses engaged in manufacturing, wholesaling, retailing, agribusiness, insurance, financial services, public utilities, healthcare, and other service businesses. Emphasis is upon middle-market and community businesses with known local management and financial stability. Consistent with management's strategy and emphasis upon relationship banking, most borrowing customers also maintain deposit accounts and utilize other banking services. Net loan recoveries in this category totaled $\$ 867$ thousand in 2013, while net loan recoveries of $\$ 2.5$ million were recorded in 2012. Non-accrual business loans were $\$ 11.6$ million (.3\% of business loans) at December 31, 2013 compared to $\$ 13.1$ million at December 31, 2012.

Real Estate-Construction and Land

The portfolio of loans in this category amounted to $\$ 406.2$ million at December 31, 2013 and comprised 3.7\% of the Company's total loan portfolio. These loans are predominantly made to businesses in the local markets of the Company's banking subsidiary. Commercial construction and land development loans totaled $\$ 240.9$ million, or 59.3\% of total construction loans at December 31, 2013. Commercial construction loans are made during the construction phase for small and medium-sized office and medical buildings, manufacturing and warehouse facilities, apartment complexes, shopping centers, hotels and motels, and other commercial properties. Exposure to larger, speculative commercial properties remains low. Commercial land development loans relate to land owned or developed for use in conjunction with business properties. Residential construction and land development loans at December 31, 2013 totaled $\$ 165.3$ million, or $40.7 \%$ of total construction loans. The largest percentage of residential construction and land development loans are for projects located in the Kansas City and St. Louis metropolitan areas. Recent market stabilization has resulted in $14.1 \%$ growth in total construction and land loans during 2013. While credit risk in this sector has been high over the last few years, loss trends continue to improve, with net loan recoveries of $\$ 4.7$ million and $\$ 283$ thousand

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recorded in 2013 and 2012, respectively. Construction and land loans on non-accrual status declined to $\$ 10.2$ million at year end 2013 compared to $\$ 13.7$ million at year end 2012.

## Real Estate-Business

Total business real estate loans were $\$ 2.3$ billion at December 31, 2013 and comprised $21.1 \%$ of the Company's total loan portfolio. This category includes mortgage loans for small and medium-sized office and medical buildings, manufacturing and warehouse facilities, shopping centers, hotels and motels, churches, and other commercial properties. Emphasis is placed on owner-occupied ( $46.4 \%$ of this portfolio) and income producing commercial real estate properties, which present lower risk levels. The borrowers and/or the properties are generally located in local and regional markets. Additional information about loans by category is presented on page 32. At December 31, 2013, non-accrual balances amounted to $\$ 19.8$ million, or $.9 \%$, of the loans in this category, up from $\$ 17.3$ million at year end 2012. The Company experienced net charge-offs of $\$ 952$ thousand in 2013 compared to net charge-offs of $\$ 5.1$ million in 2012.

## Personal Banking Loans

Real Estate-Personal
At December 31, 2013, there were $\$ 1.8$ billion in outstanding personal real estate loans, which comprised $16.3 \%$ of the Company's total loan portfolio. The mortgage loans in this category are mainly for owner-occupied residential properties. The Company originates both adjustable rate and fixed rate mortgage loans. The Company retains adjustable rate mortgage loans, and in 2012 and 2013 retained all fixed rate loans as directed by its Asset/Liability Management Committee, given the low concentrations of these loans. The Company originates its loans and does not purchase any from outside parties or brokers. Further, it has never maintained or promoted subprime or reduced document products. At December 31, 2013, 34\% of the portfolio was comprised of adjustable rate loans while $66 \%$ was comprised of fixed rate loans. Levels of mortgage loan origination activity decreased slightly in 2013 compared to 2012 , with originations of $\$ 410$ million in 2013 compared with $\$ 414$ million in 2012. Interest rates remained at historic lows through mid-year and this resulted in higher mortgage originations from refinancing, however, rates rose significantly mid-year, which reduced new origination volumes. The Company has experienced lower loan losses in this category than many others in the industry and believes this is partly because of its conservative underwriting culture, stable markets, and the fact that it does not offer subprime lending products or purchase loans from brokers. Net loan charge-offs for 2013 amounted to $\$ 1.2$ million, compared to $\$ 1.4$ million in the previous year. The non-accrual balances of loans in this category decreased to $\$ 5.1$ million at December 31, 2013, compared to $\$ 6.9$ million at year end 2012.

## Consumer

Consumer loans consist of auto, marine, tractor/trailer, recreational vehicle (RV), fixed rate home equity, and other consumer installment loans. These loans totaled $\$ 1.5$ billion at year end 2013. Approximately $59 \%$ of consumer loans outstanding were originated indirectly from auto and other dealers, while the remaining $41 \%$ were direct loans made to consumers. Approximately $50 \%$ of the consumer portfolio consists of automobile loans, $19 \%$ in fixed rate home equity loans, and $17 \%$ in marine and RV loans. As mentioned above, total consumer loans increased by $\$ 223.1$ million in 2013, mainly the result of growth in auto lending of $\$ 180.4$ million, or $32 \%$. Growth of $\$ 74.8$ million in fixed rate home equity loans was offset by the run-off of $\$ 74.7$ million in marine and RV loans. Net charge-offs on consumer loans were $\$ 7.5$ million in 2013 compared to $\$ 8.1$ million in 2012. Net charge-offs decreased to $.5 \%$ of average consumer loans in 2013 compared to $.7 \%$ in 2012. Consumer loan net charge-offs included marine and RV loan net charge-offs of $\$ 3.9$ million, which were $1.3 \%$ of average marine and RV loans in 2013, compared to $1.8 \%$ in 2012.

## Revolving Home Equity

Revolving home equity loans, of which $99 \%$ are adjustable rate loans, totaled $\$ 420.6$ million at year end 2013. An additional $\$ 682.9$ million was available in unused lines of credit, which can be drawn at the discretion of the

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borrower. Home equity loans are secured mainly by second mortgages (and less frequently, first mortgages) on residential property of the borrower. The underwriting terms for the home equity line product permit borrowing availability, in the aggregate, generally up to $80 \%$ or $90 \%$ of the appraised value of the collateral property at the time of origination. Net charge-offs totaled $\$ 986$ thousand, or $.2 \%$ of average revolving home equity loans, compared to \$1.8 million in 2012.

Consumer Credit Card
Total consumer credit card loans amounted to $\$ 796.2$ million at December 31, 2013 and comprised $7.3 \%$ of the Company's total loan portfolio. The credit card portfolio is concentrated within regional markets served by the Company. The Company offers a variety of credit card products, including affinity cards, rewards cards, and standard and premium credit cards, and emphasizes its credit card relationship product, Special Connections. Approximately $61 \%$ of the households in Missouri that own a Commerce credit card product also maintain a deposit relationship with the subsidiary bank. At December 31, 2013, approximately $82 \%$ of

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the outstanding credit card loan balances had a floating interest rate, compared to $77 \%$ in the prior year. Net charge-offs amounted to $\$ 25.1$ million in 2013, an increase of $\$ 646$ thousand over $\$ 24.5$ million in 2012. The ratio of credit card loan net charge-offs to total average credit card loans totaled $3.3 \%$ in both 2013 and 2012. These ratios remain below national loss averages in those years.

## Allowance for Loan Losses

The Company has an established process to determine the amount of the allowance for loan losses which assesses the risks and losses inherent in its portfolio. This process provides an allowance consisting of a specific allowance component based on certain individually evaluated loans and a general component based on estimates of reserves needed for pools of loans.

Loans subject to individual evaluation generally consist of business, construction, business real estate and personal real estate loans on non-accrual status, and include troubled debt restructurings that are on non-accrual status. These non-accrual loans are evaluated individually for impairment based on factors such as payment history, borrower financial condition, collateral, current economic conditions and loss experience. For collateral dependent loans, appraisals of collateral (including exit costs) are normally obtained annually but discounted based on date last received and market conditions. From these evaluations of expected cash flows and collateral values, specific allowances are determined.
Loans which are not individually evaluated are segregated by loan type and sub-type and are collectively evaluated. These loans include commercial loans (business, construction and business real estate) which have been graded pass, special mention or substandard and all personal banking loans, except personal real estate loans on non-accrual status. Collectively-evaluated loans include certain troubled debt restructurings with similar risk characteristics. Allowances determined for personal banking loans, which are generally smaller balance homogeneous type loans, use consistent methodologies which consider historical and current loss trends, delinquencies and current economic conditions. Allowances for commercial type loans, which are generally larger and more complex in structure with more unpredictable loss characteristics, use methods which consider historical and current loss trends, current loan grades, delinquencies, industry concentrations, economic conditions throughout the Company's markets as monitored by Company credit officers, and general economic conditions.
The Company's estimate of the allowance for loan losses and the corresponding provision for loan losses rests upon various judgments and assumptions made by management. Factors that influence these judgments include past loan loss experience, current loan portfolio composition and characteristics, trends in delinquencies, portfolio risk ratings, levels of non-performing assets, and prevailing regional and national economic conditions. The Company has internal credit administration and loan review staffs that continuously review loan quality and report the results of their reviews and examinations to the Company's senior management and Board of Directors. Such reviews also assist management in establishing the level of the allowance. In using this process and the information available, management must consider various assumptions and exercise considerable judgment to determine the overall level of the allowance for loan losses. Because of these subjective factors, actual outcomes of inherent losses can differ from original estimates. The Company's subsidiary bank continues to be subject to examination by several regulatory agencies, and examinations are conducted throughout the year, targeting various segments of the loan portfolio for review. Refer to Note 1 to the consolidated financial statements for additional discussion on the allowance and charge-off policies.

At December 31, 2013, the allowance for loan losses was $\$ 161.5$ million compared to a balance at year end 2012 of $\$ 172.5$ million. Total loans delinquent 90 days or more and still accruing were $\$ 14.0$ million at December 31, 2013, a decrease of $\$ 1.4$ million compared to year end 2012. Non-accrual loans at December 31, 2013 were $\$ 48.8$ million, a decrease of $\$ 2.6$ million from the prior year, and were mainly comprised of $\$ 19.8$ million of business real estate loans, $\$ 10.2$ million of construction loans and $\$ 11.6$ million of business loans. As the result of improving credit trends noted in the Company's analysis of the allowance, the provision for loan losses was $\$ 11.0$ million less than net charge-offs for the year, thereby reducing the allowance for loan losses to $\$ 161.5$ million. The percentage of allowance to loans,
excluding loans held for sale, decreased to $1.47 \%$ at December 31, 2013 compared to $1.75 \%$ at year end 2012 as a result of the decrease in the allowance balance, in addition to loan growth. The percentage of allowance to non-accrual loans was $331 \%$ at December 31, 2013, compared to 336\% at December 31, 2012.

Net loan charge-offs totaled $\$ 31.4$ million in 2013, representing a $\$ 7.9$ million decrease compared to net charge-offs of $\$ 39.3$ million in 2012. Net recoveries on construction and land loans were $\$ 4.7$ million in 2013, compared to $\$ 283$ thousand in 2012. Business loans also remained in a net recovery position in 2013, with net recoveries of $\$ 867$ thousand in 2013 compared to $\$ 2.5$ million in 2012. Net charge-offs on business real estate loans decreased $\$ 4.2$ million to $\$ 952$ thousand in 2013, compared to net charge-offs of $\$ 5.1$ million in 2012. Net charge-offs on consumer credit cards increased $\$ 646$ thousand to $\$ 25.1$ million in 2013, compared to $\$ 24.5$ million in 2012; however, net consumer credit card charge-offs remained consistent at $3.34 \%$ of average consumer credit card loans in 2013 compared to $3.35 \%$ in 2012, as a result of a stabilizing economy. Consumer credit card loan charge-offs as a percentage of total net charge-offs rose to $80.1 \%$ in 2013 compared to $62.3 \%$ in 2012, as lower overall net charge-offs in other loan categories offset the slight rise in consumer credit card charge-offs.

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The ratio of net charge-offs to total average loans outstanding in 2013 was . $30 \%$ compared to $.42 \%$ in 2012 and $.70 \%$ in 2011. The provision for loan losses in 2013 was $\$ 20.4$ million, compared to provisions of $\$ 27.3$ million in 2012 and $\$ 51.5$ million in 2011.

The Company considers the allowance for loan losses of $\$ 161.5$ million adequate to cover losses inherent in the loan portfolio at December 31, 2013.

The schedules which follow summarize the relationship between loan balances and activity in the allowance for loan losses:

| Years Ended December 31 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in thousands) | 2013 | 2012 | 2011 | 2010 | 2009 |  |
| Loans outstanding at end of year ${ }^{(A)}$ | \$10,956,836 | \$9,831,384 | \$9,177,478 | \$9,410,982 | \$ 10,145,324 |  |
| Average loans outstanding ${ }^{(A)}$ | \$10,311,654 | \$9,379,316 | \$9,222,568 | \$9,698,670 | \$ 10,629,867 |  |
| Allowance for loan losses: |  |  |  |  |  |  |
| Balance at beginning of year | \$172,532 | \$ 184,532 | \$ 197,538 | \$ 194,480 | \$172,619 |  |
| Additions to allowance through charges to expense | 20,353 | 27,287 | 51,515 | 100,000 | 160,697 |  |
| Loans charged off: |  |  |  |  |  |  |
| Business | 1,869 | 2,809 | 6,749 | 8,550 | 15,762 |  |
| Real estate - construction and land | 621 | 1,244 | 7,893 | 15,199 | 34,812 |  |
| Real estate - business | 2,680 | 7,041 | 4,176 | 4,780 | 5,957 |  |
| Real estate - personal | 1,570 | 2,416 | 3,217 | 2,484 | 3,150 |  |
| Consumer | 11,029 | 12,288 | 16,052 | 24,587 | 35,979 |  |
| Revolving home equity | 1,200 | 2,044 | 1,802 | 2,014 | 1,197 |  |
| Consumer credit card | 33,206 | 33,098 | 39,242 | 54,287 | 54,060 |  |
| Overdrafts | 2,024 | 2,221 | 2,254 | 2,672 | 3,493 |  |
| Total loans charged off | 54,199 | 63,161 | 81,385 | 114,573 | 154,410 |  |
| Recoveries of loans previously charged off: |  |  |  |  |  |  |
| Business | 2,736 | 5,306 | 1,761 | 3,964 | 2,925 |  |
| Real estate - construction and land | 5,313 | 1,527 | 943 | 193 | 720 |  |
| Real estate - business | 1,728 | 1,933 | 613 | 722 | 709 |  |
| Real estate - personal | 343 | 990 | 445 | 428 | 363 |  |
| Consumer | 3,489 | 4,161 | 3,896 | 4,108 | 3,772 |  |
| Revolving home equity | 214 | 240 | 135 | 39 | 7 |  |
| Consumer credit card | 8,085 | 8,623 | 7,625 | 6,556 | 4,785 |  |
| Overdrafts | 938 | 1,094 | 1,446 | 1,621 | 2,293 |  |
| Total recoveries | 22,846 | 23,874 | 16,864 | 17,631 | 15,574 |  |
| Net loans charged off | 31,353 | 39,287 | 64,521 | 96,942 | 138,836 |  |
| Balance at end of year | \$161,532 | \$172,532 | \$184,532 | \$197,538 | \$194,480 |  |
| Ratio of allowance to loans at end of year | 1.47 | \% 1.75 | \%2.01 | \%2.10 | \% 1.92 | \% |
| Ratio of provision to average loans outstanding | . 20 | \%. 29 | \%.56 | \% 1.03 | \% 1.51 | \% |

(A)Net of unearned income, before deducting allowance for loan losses, excluding loans held for sale.

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|  | Years Ended December 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2012 | 2011 | 2010 | 2009 |  |
| Ratio of net charge-offs (recoveries) to average loans outstanding, by loan category: |  |  |  |  |  |  |
| Business | (. 03 | )\% (.08 | )\%.17 | \%. 16 | \%. 41 | \% |
| Real estate - construction and land | (1.24 | ) $(.08$ | ) 1.66 | 2.69 | 4.61 |  |
| Real estate - business | . 04 | . 23 | . 17 | . 20 | . 24 |  |
| Real estate - personal | . 07 | . 09 | . 19 | . 14 | . 18 |  |
| Consumer | . 52 | . 69 | 1.09 | 1.64 | 2.20 |  |
| Revolving home equity | . 23 | . 40 | . 36 | . 41 | . 24 |  |
| Consumer credit card | 3.34 | 3.35 | 4.23 | 6.28 | 6.77 |  |
| Overdrafts | 18.04 | 18.40 | 11.62 | 14.42 | 12.27 |  |
| Ratio of total net charge-offs to total average loans outstanding | . 30 | \%. 42 | \%. 70 | \% 1.00 | \% 1.31 | \% |

The following schedule provides a breakdown of the allowance for loan losses by loan category and the percentage of each loan category to total loans outstanding at year end:

| (Dollars in thousands) | 2013 |  | 2012 |  | 2011 |  | 2010 |  | 2009 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | \% of |  | \% of |  | \% of |
|  | Loss | Loans to | to Loss | Loans to | to Loss | Loans to | to Loss | Loans to | o Los | Loans to |
|  | Allowanc Allocatio | CTotal <br> nLoans | Allowance Allocation | eTotal <br> nLoans | Allowance Allocation | eTotal <br> nLoans | Allowance Allocation | eTotal <br> nLoans | Allowanc Allocatio | eTotal <br> nLoans |
| Business | \$43,146 | 33.9 \% | \% \$47,729 | 31.9 \% | \% \$49,217 | 30.5 \% | \% \$47,534 | 31.4 | \% \$40,455 | 28.4 |
| RE - constructio and land | n 18,617 | 3.7 | 20,555 | 3.6 | 28,280 | 4.2 | 21,316 | 4.9 | 33,659 | 6.6 |
| RE - business | 32,426 | 21.1 | 37,441 | 22.5 | 45,000 | 23.8 | 51,096 | 22.0 | 31,515 | 20.7 |
| RE - personal | 4,490 | 16.3 | 3,937 | 16.1 | 3,701 | 15.6 | 4,016 | 15.3 | 5,435 | 15.2 |
| Consumer | 15,440 | 13.8 | 15,165 | 13.1 | 15,369 | 12.1 | 19,449 | 12.4 | 30,257 | 13.1 |
| Revolving home equity | 3,152 | 3.8 | 4,861 | 4.5 | 2,220 | 5.1 | 2,502 | 5.1 | 1,737 | 4.8 |
| Student | - | - | - | - | - | - | - | - | 229 | 3.3 |
| Consumer credit card | 43,360 | 7.3 | 41,926 | 8.2 | 39,703 | 8.6 | 50,532 | 8.8 | 49,923 | 7.9 |
| Overdrafts | 901 | . 1 | 918 | . 1 | 1,042 | . 1 | 1,093 | . 1 | 1,270 | - |
| Total | \$ 161,532 | 100.0 \% | \% \$ 172,532 | 100.0 \% | \% \$ 184,532 | 100.0 \% | \% \$ 197,538 | 100.0 | \% \$ 194,480 | 100.0 \% |

Risk Elements of Loan Portfolio
Management reviews the loan portfolio continuously for evidence of problem loans. During the ordinary course of business, management becomes aware of borrowers that may not be able to meet the contractual requirements of loan agreements. Such loans are placed under close supervision with consideration given to placing the loan on non-accrual status, the need for an additional allowance for loan loss, and (if appropriate) partial or full loan charge-off. Loans are placed on non-accrual status when management does not expect to collect payments consistent with acceptable and agreed upon terms of repayment. After a loan is placed on non-accrual status, any interest previously accrued but not yet collected is reversed against current income. Interest is included in income only as received and only after all previous loan charge-offs have been recovered, so long as management is satisfied there is no impairment of collateral values. The loan is returned to accrual status only when the borrower has brought all past due principal and interest payments current, and, in the opinion of management, the borrower has demonstrated the ability to make future payments of principal and interest as scheduled. Loans that are 90 days past due as to principal and/or interest

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payments are generally placed on non-accrual, unless they are both well-secured and in the process of collection, or they are comprised of those personal banking loans that are exempt under regulatory rules from being classified as non-accrual. Consumer installment loans and related accrued interest are normally charged down to the fair value of related collateral (or are charged off in full if no collateral) once the loans are more than 120 days delinquent. Credit card loans and the related accrued interest are charged off when the receivable is more than 180 days past due.

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The following schedule shows non-performing assets and loans past due 90 days and still accruing interest. December 31

| (Dollars in thousands) | 2013 | 2012 | 2011 | 2010 | 2009 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Total non-accrual loans | $\$ 48,814$ | $\$ 51,410$ | $\$ 75,482$ | $\$ 85,275$ | $\$ 106,613$ |  |
| Real estate acquired in foreclosure | 6,625 | 13,453 | 18,321 | 12,045 | 10,057 |  |
| Total non-performing assets | $\$ 55,439$ | $\$ 64,863$ | $\$ 93,803$ | $\$ 97,320$ | $\$ 116,670$ |  |
| Non-performing assets as a percentage of total loans | .51 | $\% .66$ | $\% 1.02$ | $\% 1.03$ | $\% 1.15$ | $\%$ |
| Non-performing assets as a percentage of total assets | .24 | $\% .29$ | $\% .45$ | $\% .53$ | $\% .64$ | $\%$ |
| Total past due 90 days and still accruing interest | $\$ 13,966$ | $\$ 15,347$ | $\$ 14,958$ | $\$ 20,466$ | $\$ 42,632$ |  |

The table below shows the effect on interest income in 2013 of loans on non-accrual status at year end. (In thousands)
Gross amount of interest that would have been recorded at original rate \$3,496
Interest that was reflected in income
Interest income not recognized

283
\$3,213

Non-accrual loans, which are also classified as impaired, totaled $\$ 48.8$ million at year end 2013, a decrease of $\$ 2.6$ million from the balance at year end 2012. At December 31, 2013, non-accrual loans were comprised primarily of business real estate loans ( $40.5 \%$ ), business loans ( $23.7 \%$ ), and construction and land real estate loans ( $20.8 \%$ ). Foreclosed real estate decreased $\$ 6.8$ million to a total of $\$ 6.6$ million at year end 2013. The decline was mainly due to the sell-off of a large 1-4 family development. Total non-performing assets remain low compared to the overall banking industry in 2013, with the non-performing loans to total loans ratio at $.45 \%$ at December 31, 2013. Loans past due 90 days and still accruing interest decreased $\$ 1.4$ million at year end 2013 compared to 2012. Balances by class for non-accrual loans and loans past due 90 days and still accruing interest are shown in the "Delinquent and non-accrual loans" section of Note 3 to the consolidated financial statements.

In addition to the non-performing and past due loans mentioned above, the Company also has identified loans for which management has concerns about the ability of the borrowers to meet existing repayment terms. They are classified as substandard under the Company's internal rating system. The loans are generally secured by either real estate or other borrower assets, reducing the potential for loss should they become non-performing. Although these loans are generally identified as potential problem loans, they may never become non-performing. Such loans totaled $\$ 98.3$ million at December 31, 2013 compared with $\$ 141.9$ million at December 31, 2012, resulting in a decrease of $\$ 43.6$ million, or $30.7 \%$. The change in potential problem loans was largely due to decreases of $\$ 21.2$ million in business loans, and $\$ 12.0$ million in construction and land real estate loans.
(In thousands)
Potential problem loans:
Business
Real estate - construction and land
Real estate - business
Real estate - personal
Total potential problem loans

December 31
20132012
\$23,691 \$44,881
21,812 33,762
50,349 55,362
2,486 7,891
\$98,338 \$141,896

At December 31, 2013, there were approximately $\$ 83.2$ million loans outstanding whose terms had been modified or restructured under a troubled debt restructuring. These loans have been extended to borrowers who are experiencing financial difficulty and who have been granted a concession, as defined by accounting guidance, and are further discussed in the "Troubled debt restructurings" section in Note 3 to the consolidated financial statements. This balance includes certain commercial loans totaling $\$ 38.2$ million which are classified as substandard and included in the table above because of this classification.

Loans with Special Risk Characteristics
Management relies primarily on an internal risk rating system, in addition to delinquency status, to assess risk in the loan portfolio, and these statistics are presented in Note 3 to the consolidated financial statements. However, certain types of loans are considered at high risk of loss due to their terms, location, or special conditions. Construction and land loans and business real estate loans are subject to higher risk as a result of the current weak economic climate and issues in the housing industry. Certain personal real estate products (residential first mortgages and home equity loans) have contractual features that could increase credit exposure in a market of declining real estate prices, when interest rates are steadily increasing, or when a geographic area

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experiences an economic downturn. For these personal real estate loans, higher risks could exist when 1) loan terms require a minimum monthly payment that covers only interest, or 2 ) loan-to-collateral value (LTV) ratios at origination are above $80 \%$, with no private mortgage insurance. Information presented below for personal real estate and home equity loans is based on LTV ratios which were calculated with valuations at loan origination date. The Company does not attempt to obtain updated appraisals or valuations unless the loans become significantly delinquent or are in the process of being foreclosed upon. For credit monitoring purposes, the Company relies on delinquency monitoring along with obtaining refreshed FICO scores, and in the case of home equity loans, reviewing line utilization and credit bureau information annually. This has remained an effective means of evaluating credit trends and identifying problem loans, partly because the Company offers standard, conservative lending products.

Real Estate - Construction and Land Loans
The Company's portfolio of construction loans, as shown in the table below, amounted to $3.7 \%$ of total loans outstanding at December 31, 2013.

| (Dollars in thousands) | $\begin{aligned} & \text { December 31 } \\ & 2013 \end{aligned}$ | \% of Total | \% of Total <br> Loans | $\begin{aligned} & \text { December 31 } \\ & 2012 \end{aligned}$ | \% of Total | \% of Total <br> Loans |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential land and land development | \$79,273 | 19.5 | \%. 7 | \%\$61,794 | 17.4 | \%. 6 | \% |
| Residential construction | 86,043 | 21.2 | . 8 | 68,590 | 19.2 | . 7 |  |
| Commercial land and land development | 77,444 | 19.1 | . 7 | 83,491 | 23.5 | . 9 |  |
| Commercial construction | 163,437 | 40.2 | 1.5 | 142,121 | 39.9 | 1.4 |  |
| Total real estate construction and land loans | \$406,197 | 100.0 | \%3.7 | \% \$ 355,996 | 100.0 | \%3.6 | \% |

## Real Estate - Business Loans

Total business real estate loans were $\$ 2.3$ billion at December 31, 2013 and comprised $21.1 \%$ of the Company's total loan portfolio. These loans include properties such as manufacturing and warehouse buildings, small office and medical buildings, churches, hotels and motels, shopping centers, and other commercial properties. Approximately $46 \%$ of these loans were for owner-occupied real estate properties, which present lower risk profiles.

| (Dollars in thousands) | $\begin{aligned} & \text { December 31, } \\ & 2013 \end{aligned}$ | \% of Total | \% of Total <br> Loans | $\begin{aligned} & \text { December } 31 \text {, } \\ & 2012 \end{aligned}$ | \% of Total | \% of Total <br> Loans |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owner-occupied | \$1,074,074 | 46.4 | \%9.8 | \% \$ 1,035,407 | 46.7 | \% 10.5 |
| Retail | 271,228 | 11.7 | 2.5 | 245,021 | 11.1 | 2.5 |
| Office | 265,352 | 11.5 | 2.4 | 269,756 | 12.2 | 2.7 |
| Multi-family | 178,524 | 7.7 | 1.6 | 184,208 | 8.3 | 1.9 |
| Hotels | 151,483 | 6.5 | 1.4 | 155,392 | 7.0 | 1.6 |
| Farm | 138,842 | 6.0 | 1.3 | 123,613 | 5.6 | 1.3 |
| Industrial | 89,045 | 3.9 | . 8 | 110,645 | 5.0 | 1.1 |
| Other | 145,002 | 6.3 | 1.3 | 90,933 | 4.1 | . 9 |
| Total real estate business loans | \$2,313,550 | 100.0 | \%21.1 | \% \$2,214,975 | 100.0 | \%22.5 |

## Real Estate - Personal Loans

The Company's $\$ 1.8$ billion personal real estate loan portfolio is composed of first mortgages on residential real estate. The majority of this portfolio is comprised of approximately $\$ 1.5$ billion of loans made to the retail customer base and includes both adjustable rate and fixed rate mortgage loans. As shown in Note 3 to the consolidated financial
statements, $5.0 \%$ of the retail-based portfolio has FICO scores of less than 660 , and delinquency levels have been low. Loans of approximately $\$ 15.8$ million in this portfolio were structured with interest only payments. Interest only loans are typically made to high net-worth borrowers and generally have low LTV ratios or have additional collateral pledged to secure the loan, and, therefore, they are not perceived to represent above normal credit risk. Loans originated with interest only payments were not made to "qualify" the borrower for a lower payment amount. A small portion of the total portfolio is composed of personal real estate loans made to commercial customers, which totaled $\$ 244.3$ million at December 31, 2013.

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The following table presents information about the retail-based personal real estate loan portfolio for 2013 and 2012.

| 2013 |  |  | 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
| Principal | \% of Loan |  | Principal | \% of Loan |
| Outstanding at | Portfolio |  | Outstanding at | Portfolio |
| December 31 |  |  | December 31 |  |
| \$15,849 | 1.0 | \% | \$12,730 | . 9 |
| 80,431 | 5.2 |  | 76,023 | 5.6 |
| 27,158 | 1.8 |  | 26,871 | 2.0 |
| 38,518 | 2.5 |  | 33,290 | 2.4 |
| 146,107 | 9.5 |  | 136,184 | 10.0 |
| 1,546,768 |  |  | 1,360,194 |  |

Revolving Home Equity Loans
The Company also has revolving home equity loans that are generally collateralized by residential real estate. Most of these loans ( $93.8 \%$ ) are written with terms requiring interest only monthly payments. These loans are offered in three main product lines: LTV up to $80 \%, 80 \%$ to $90 \%$, and $90 \%$ to $100 \%$. As shown in the tables below, the percentage of loans with LTV ratios greater than $80 \%$ has remained a small segment of this portfolio, and delinquencies have been low and stable. The weighted average FICO score for the total current portfolio balance is 740. At maturity, the accounts are re-underwritten and if they qualify under the Company's credit, collateral and capacity policies, the borrower is given the option to renew the line of credit, or to convert the outstanding balance to an amortizing loan. If criteria are not met, amortization is required, or the borrower may pay off the loan. Over the next four years, approximately $57 \%$ of the Company's current outstanding balances are expected to mature. Of these balances, $79 \%$ have a FICO score above 700. The Company does not expect a significant increase in losses as these loans mature, due to their high FICO scores, low LTVs, and low historical loss levels.

| (Dollars in thousands) | Principal <br> Outstanding * <br> at December <br> 31, 2013 |  | New Lines <br> Originated <br> During <br> 2013 |  |  | Unused Portion of Available Lines at December 31, 2013 |  | * | Balances <br> Over 30 <br> Days Past <br> Due |  | * |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Loans with interest only payments | \$394,714 | 93.8 |  |  |  | \% | \$44,348 | 10.5 | \% | \$656,679 | 156.1 | \% | \$4,284 | 1.0 | \% |
| Loans with LTV: |  |  |  |  |  |  |  |  |  |  |  |  |
| Between 80\% and 90\% | 42,162 | 10.0 |  | 10,767 | 2.6 |  | 36,274 | 8.6 |  | 284 | . 1 |  |
| Over 90\% | 12,212 | 2.9 |  | 1,941 | . 4 |  | 10,312 | 2.5 |  | 163 | - |  |
| Over 80\% LTV | 54,374 | 12.9 |  | 12,708 | 3.0 |  | 46,586 | 11.1 |  | 447 | . 1 |  |
| Total loan portfolio from | 420,589 |  |  | 157,197 |  |  | 686,105 |  |  |  |  |  |

* Percentage of total principal outstanding of \$420.6 million at December 31, 2013.



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Loans with interest only
payments
Loans with LTV:

| Between $80 \%$ and $90 \%$ | 45,698 | 10.4 | 9,747 | 2.2 | 36,568 | 8.4 | 462 | .1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Over $90 \%$ | 15,310 | 3.5 | 1,528 | .4 | 11,320 | 2.5 | 358 | .1 |
| Over $80 \%$ LTV | 61,008 | 13.9 | 11,275 | 2.6 | 47,888 | 10.9 | 820 | .2 |
| Total loan portfolio from which |  |  |  |  |  |  |  |  |
| labove loans were identified | 437,567 |  | 135,657 |  | 649,963 |  |  |  |

* Percentage of total principal outstanding of \$437.6 million at December 31, 2012.


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Fixed Rate Home Equity Loans
In addition to the residential real estate mortgage loans and the revolving floating rate line product discussed above, the Company offers a third choice to those consumers desiring a fixed rate loan and a fixed maturity date. This fixed rate home equity loan, typically for home repair or remodeling, is an alternative for individuals who want to finance a specific project or purchase and decide to lock in a specific monthly payment over a defined period. Outstanding balances for these loans were $\$ 284.9$ million and $\$ 210.1$ million at December 31, 2013 and 2012, respectively. At times, these loans are written with interest only monthly payments and a balloon payoff at maturity; however, only $2 \%$ of this portfolio was comprised of interest only loans at both December 31, 2013 and 2012. The delinquency history on this product has been low, as balances over 30 days past due totaled only $\$ 3.5$ million, or $1.2 \%$ of the portfolio, at year end 2013 and $\$ 2.0$ million, or $.9 \%$ of the portfolio, at year end 2012.

identified

* Percentage of total principal outstanding of $\$ 284.9$ million and $\$ 210.1$ million at December 31, 2013 and 2012, respectively.

Management does not believe these loans collateralized by real estate (revolving home equity, personal real estate, and fixed rate home equity) represent any unusual concentrations of risk, as evidenced by net charge-offs in 2013 of $\$ 986$ thousand, $\$ 1.2$ million and $\$ 318$ thousand, respectively. The amount of any increased potential loss on high LTV agreements relates mainly to amounts advanced that are in excess of the $80 \%$ collateral calculation, not the entire approved line. The Company currently offers no subprime first mortgage or home equity loans, which are characterized as new loans to customers with FICO scores below 660. The Company does not purchase brokered loans.

## Other Consumer Loans

Within the consumer loan portfolio are several direct and indirect product lines comprised mainly of loans secured by automobiles, marine, and RVs. During 2013, $\$ 507.7$ million of new automobile loans were originated, compared to $\$ 440.2$ million during 2012. Marine and RV loan production has been significantly curtailed in recent years with few new originations. The loss ratios experienced for marine and RV loans have been higher than for other consumer loan products, at $1.3 \%$ and $1.8 \%$ in 2013 and 2012, respectively. Balances over 30 days past due are relatively unchanged at year end 2013 compared to 2012. The table below provides the total outstanding principal and other data for this group of direct and indirect lending products at December 31, 2013 and 2012.

|  | 2013 |  |  | 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (In thousands) | Principal Outstanding at December 31 | New Loans Originated | Balances <br> Over 30 <br> Days Past <br> Due | Principal Outstanding at December 31 | New Loans Originated | Balances <br> Over 30 <br> Days Past <br> Due |

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| Automobiles | $\$ 749,970$ | $\$ 507,678$ | $\$ 7,220$ | $\$ 569,616$ | $\$ 440,206$ | $\$ 4,454$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Marine | 68,162 | 2,765 | 2,860 | 88,858 | 1,450 | 2,948 |
| RV | 184,969 | 11 | 4,317 | 238,991 | - | 4,443 |
| Total | $\$ 1,003,101$ | $\$ 510,454$ | $\$ 14,397$ | $\$ 897,465$ | $\$ 441,656$ | $\$ 11,845$ |

Additionally, the Company offers low introductory rates on selected consumer credit card products. Out of a portfolio at December 31, 2013 of $\$ 796.2$ million in consumer credit card loans outstanding, approximately $\$ 167.8$ million, or $21.1 \%$, carried a low introductory rate. Within the next six months, $\$ 46.4$ million of these loans are scheduled to convert to the ongoing higher contractual rate. To mitigate some of the risk involved with this credit card product, the Company performs credit checks and detailed analysis of the customer borrowing profile before approving the loan application. Management believes that the risks in the consumer loan portfolio are reasonable and the anticipated loss ratios are within acceptable parameters.

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Investment Securities Analysis
Investment securities are comprised of securities which are classified as available for sale, non-marketable, or trading. During 2013, total investment securities decreased $\$ 404.2$ million, or $4.3 \%$, to $\$ 9.0$ billion (excluding unrealized gains/losses) compared to $\$ 9.4$ billion at the previous year end. During 2013, securities of $\$ 2.2$ billion were purchased in the available for sale and non-marketable portfolios, which included $\$ 1.0$ billion in asset-backed securities. Total sales, maturities and pay downs in these portfolios were $\$ 2.6$ billion during 2013. During 2014, maturities and pay downs of approximately $\$ 1.6$ billion are expected to occur. The average tax equivalent yield earned on total investment securities was $2.30 \%$ in 2013 and $2.55 \%$ in 2012.

At December 31, 2013, the fair value of available for sale securities was $\$ 8.9$ billion, including a net unrealized gain in fair value of $\$ 41.1$ million, compared to a net unrealized gain of $\$ 263.7$ million at December 31, 2012. The overall unrealized gain in fair value at December 31, 2013 included gains of $\$ 28.5$ million in agency mortgage-backed securities, $\$ 10.4$ million in non-agency mortgage-backed securities, and $\$ 33.9$ million in equity securities held by the Parent. These gains were partially offset by unrealized losses of $\$ 25.0$ million in government-sponsored enterprise obligations.

Available for sale investment securities at year end for the past two years are shown below:

| December 31 <br> 2013 | 2012 |
| :--- | :--- |
|  |  |
| $\$ 498,226$ | $\$ 399,971$ |
| 766,802 | 467,063 |
| $1,624,195$ | $1,585,926$ |
| $2,743,803$ | $3,248,007$ |
| 236,595 | 224,223 |
| $2,847,368$ | $3,152,913$ |
| 147,581 | 174,727 |
| 9,970 | 5,695 |
| $\$ 8,874,540$ | $\$ 9,258,525$ |
|  |  |
| $\$ 505,696$ | $\$ 438,759$ |
| 741,766 | 471,574 |
| $1,619,171$ | $1,615,707$ |
| $2,772,338$ | $3,380,955$ |
| 246,983 | 237,011 |
| $2,844,071$ | $3,167,394$ |
| 141,757 | 177,752 |
| 43,898 | 33,096 |
| $\$ 8,915,680$ | $\$ 9,522,248$ |

(In thousands)
Amortized Cost
U.S. government and federal agency obligations \$498,226 \$399,971

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
Equity securities
Total available for sale investment securities
Fair Value
U.S. government and federal agency obligations

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
Equity securities
Total available for sale investment securities

December 31

The available for sale portfolio consists of agency mortgage-backed securities, which are collateralized bonds issued by agencies, including FNMA, GNMA, FHLMC, FHLB, Federal Farm Credit Banks and FDIC. Non-agency mortgage-backed securities totaled $\$ 247.0$ million, at fair value, at December 31, 2013, and included Alt-A type mortgage-backed securities of $\$ 79.7$ million and prime/jumbo loan type securities of $\$ 84.4$ million. Certain of the non-agency mortgage-backed securities are other-than-temporarily impaired, and the processes for determining impairment and the related losses are discussed in Note 4 to the consolidated financial statements.

At December 31, 2013, U.S. government obligations included $\$ 505.6$ million in U.S. Treasury inflation-protected securities, and state and municipal obligations included $\$ 127.7$ million in auction rate securities, at fair value. Other
debt securities include corporate bonds, notes and commercial paper. Available for sale equity securities are mainly comprised of common stock held by the Parent which totaled $\$ 37.2$ million at December 31, 2013.

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The types of debt securities in the available for sale security portfolio are presented in the table below. Additional detail by maturity category is provided in Note 4 to the consolidated financial statements.

Available for sale debt securities:
U.S. government and federal agency obligations

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
December 31, 2013

| Percent of Total | Weighted |
| :--- | :--- |
| Average | Estimated |
| Average |  |
| Debt Securities | Yield |

*Based on call provisions and estimated prepayment speeds.
Non-marketable securities, which totaled $\$ 107.3$ million at December 31, 2013, included $\$ 32.2$ million in Federal Reserve Bank stock and $\$ 14.3$ million in Federal Home Loan Bank (Des Moines) stock held by the bank subsidiary in accordance with debt and regulatory requirements. These are restricted securities which, lacking a market, are carried at cost. Other non-marketable securities also include private equity securities which are carried at estimated fair value.

The Company engages in private equity activities primarily through several private equity subsidiaries. These subsidiaries hold investments in various business entities, which are carried at fair value and totaled $\$ 56.6$ million at December 31, 2013. In addition to investments held by its private equity subsidiaries, the Parent directly holds investments in several private equity concerns, which totaled $\$ 3.3$ million at year end 2013. Most of the private equity investments are not readily marketable. While the nature of these investments carries a higher degree of risk than the normal lending portfolio, this risk is mitigated by the overall size of the investments and oversight provided by management, and management believes the potential for long-term gains in these investments outweighs the potential risks. Most of the private equity investments are held by a subsidiary qualified as a Small Business Investment Company.

Non-marketable securities at year end for the past two years are shown below:
December 31

| (In thousands) | 2013 | 2012 |
| :--- | :--- | :--- |
| Debt securities | $\$ 28,485$ | $\$ 32,068$ |
| Equity securities | 78,839 | 86,582 |
| Total non-marketable investment securities | $\$ 107,324$ | $\$ 118,650$ |

In addition to its holdings in the investment securities portfolio, the Company holds long-term securities purchased under agreements to resell, which totaled $\$ 1.2$ billion at December 31, 2013 and 2012. These investments mature in 2014 through 2016, and most have rates that fluctuate with published indices within a fixed range. The counterparties to these agreements are other financial institutions from whom the Company has accepted collateral of $\$ 1.2$ billion in marketable investment securities at December 31, 2013. The average rate earned on these agreements during 2013 was 1.60\%.

The Company also holds $\$ 300.0$ million in offsetting repurchase and resell agreements at December 31, 2013, which are further discussed in Note 19 to the consolidated financial statements. These agreements involve the exchange of collateral under simultaneous repurchase and resell agreements with the same financial institution counterparty. These

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repurchase and resell agreements have been offset against each other in the balance sheet, as permitted under current accounting guidance. The agreements mature in 2014 through 2015 and earned an average of 78 basis points during 2013.

Deposits and Borrowings
Deposits are the primary funding source for the Bank and are acquired from a broad base of local markets, including both individual and corporate customers. Total deposits were $\$ 19.0$ billion at December 31, 2013, compared to $\$ 18.3$ billion last year, reflecting an increase of $\$ 698.7$ million, or $3.8 \%$. Most of this growth occurred in the fourth quarter of 2013. Included in the increase are balances of $\$ 232.3$ million acquired in the Summit transaction. Excluding these balances, total deposits grew $2.6 \%$ year over year and reflect a stabilization of the higher growth activity in 2012 and 2011.

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Average deposits grew by $\$ 1.2$ billion, or $7.3 \%$, in 2013 compared to 2012 with most of this growth occurring in business demand deposits, which grew $\$ 402.4$ million, or $9.9 \%$, and in money market deposits, which increased $\$ 579.1$ million, or $7.1 \%$. Certificates of deposit with balances under $\$ 100,000$ fell on average by $\$ 82.2$ million, or $7.4 \%$, while certificates of deposit over $\$ 100,000$ increased by $\$ 198.6$ million, or $16.8 \%$.

The following table shows year end deposits by type as a percentage of total deposits.

|  | December 31 |  |  |
| :--- | :--- | :---: | :---: |
| Non-interest bearing | 2013 | 2012 | $\%$ |
| Savings, interest checking and money market | 35.4 | $\% 34.3$ |  |
| Time open and C.D.'s of less than $\$ 100,000$ | 53.1 | 53.5 |  |
| Time open and C.D.'s of $\$ 100,000$ and over | 5.2 | 5.9 |  |
| Total deposits | 6.3 | 6.3 |  |

Core deposits, which include non-interest bearing, interest checking, savings, and money market deposits, supported $75 \%$ of average earning assets in 2013 and $74 \%$ in 2012. Average balances by major deposit category for the last six years appear on page 50. A maturity schedule of time deposits outstanding at December 31, 2013 is included in Note 7 on Deposits in the consolidated financial statements.

The Company's primary sources of overnight borrowings are federal funds purchased and securities sold under agreements to repurchase (repurchase agreements). Balances in these accounts can fluctuate significantly on a day-to-day basis and generally have one day maturities. These short-term balances totaled $\$ 996.6$ million at December 31 , 2013. The Company also holds $\$ 350.0$ million in long-term structured repurchase agreements that will mature throughout 2014. Total balances of federal funds purchased and repurchase agreements outstanding at year end 2013 were $\$ 1.3$ billion, a $\$ 263.0$ million increase over the $\$ 1.1$ billion balance outstanding at year end 2012. On an average basis, these borrowings increased $\$ 108.7$ million, or $9.2 \%$, during 2013 , with increases of $\$ 97.8$ million in federal funds purchased and $\$ 10.9$ million in repurchase agreements. The average rate paid on total federal funds purchased and repurchase agreements was $.06 \%$ during 2013 and $.07 \%$ during 2012.

Most of the Company's long-term debt is comprised of fixed rate advances from the FHLB. These borrowings increased to $\$ 105.3$ million at December 31, 2013, from $\$ 103.7$ million outstanding at December 31, 2012. The average rate paid on FHLB advances was $3.56 \%$ and $3.60 \%$ during 2013 and 2012, respectively. Most of the remaining balance outstanding at December 31, 2013 is due in 2017.

## Liquidity and Capital Resources

Liquidity Management
Liquidity is managed within the Company in order to satisfy cash flow requirements of deposit and borrowing customers while at the same time meeting its own cash flow needs. The Company has taken numerous steps to address liquidity risk and has developed a variety of liquidity sources which it believes will provide the necessary funds for future growth. The Company manages its liquidity position through a variety of sources including:
A portfolio of liquid assets including marketable investment securities and overnight investments,
A large customer deposit base and limited exposure to large, volatile certificates of deposit,
Lower long-term borrowings that might place demands on Company cash flow,
Relatively low loan to deposit ratio promoting strong liquidity,
Excellent debt ratings from both Standard \& Poor's and Moody's national rating services, and
Available borrowing capacity from outside sources.
During 2013, the Company saw faster growth in average loans (up 9.9\%) than in deposits (up 7.3\%), and maturities of marketable securities were largely used to fund loan growth, rather than reinvested in the portfolio. As a result, the Company's average loans to deposits ratio, one measure of liquidity, increased to $57.1 \%$ in 2013 from $55.8 \%$ in 2012.

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The Company's most liquid assets include available for sale marketable investment securities, federal funds sold, balances at the Federal Reserve Bank, and securities purchased under agreements to resell (resell agreements). At December 31, 2013 and 2012, such assets were as follows:
(In thousands)
Available for sale investment securities
Federal funds sold
Long-term securities purchased under agreements to resell
Balances at the Federal Reserve Bank
Total

| 2013 | 2012 |
| :--- | :--- |
| $\$ 8,915,680$ | $\$ 9,522,248$ |
| 43,845 | 27,595 |
| $1,150,000$ | $1,200,000$ |
| 707,249 | 179,164 |
| $\$ 10,816,774$ | $\$ 10,929,007$ |

Federal funds sold are funds lent to the Company's correspondent bank customers with overnight maturities, and totaled $\$ 43.8$ million at December 31, 2013. At December 31, 2013, the Company had lent funds totaling $\$ 1.2$ billion under long-term resell agreements to other large financial institutions. The agreements mature in 2014 through 2016. Under these agreements, the Company holds marketable securities, safekept by a third-party custodian, as collateral, which totaled $\$ 1.2$ billion in fair value at December 31, 2013. Interest earning balances at the Federal Reserve Bank, which have overnight maturities and are used for general liquidity purposes, totaled $\$ 707.2$ million at December 31, 2013. The Company's available for sale investment portfolio includes scheduled maturities and expected pay downs of approximately $\$ 1.6$ billion during 2014, and these funds offer substantial resources to meet either new loan demand or help offset reductions in the Company's deposit funding base. The Company pledges portions of its investment securities portfolio to secure public fund deposits, repurchase agreements, trust funds, letters of credit issued by the FHLB, and borrowing capacity at the Federal Reserve Bank. At December 31, 2013 and 2012, total investment securities pledged for these purposes were as follows:
(In thousands)
Investment securities pledged for the purpose of securing:
Federal Reserve Bank borrowings
FHLB borrowings and letters of credit
Repurchase agreements
Other deposits
Total pledged securities
Unpledged and available for pledging
Ineligible for pledging
Total available for sale securities, at fair value

| 2013 | 2012 |
| :--- | :--- |
|  |  |
| $\$ 505,690$ | $\$ 604,121$ |
| 58,445 | 46,732 |
| $2,814,597$ | $2,105,867$ |
| $1,646,562$ | $1,550,114$ |
| $5,025,294$ | $4,306,834$ |
| $2,339,549$ | $3,428,781$ |
| $1,550,837$ | $1,786,633$ |
| $\$ 8,915,680$ | $\$ 9,522,248$ |

Liquidity is also available from the Company's large base of core customer deposits, defined as non-interest bearing, interest checking, savings, and money market deposit accounts. At December 31, 2013, such deposits totaled $\$ 16.9$ billion and represented $88.5 \%$ of the Company's total deposits. These core deposits are normally less volatile, often with customer relationships tied to other products offered by the Company promoting long lasting relationships and stable funding sources. Total core deposits increased $\$ 741.1$ million in 2013, with growth of $\$ 609.2$ million in corporate core deposits and $\$ 131.9$ million in consumer core deposits. Much of this growth occurred in the fourth quarter of 2013, reflecting seasonal patterns. While the Company considers core consumer deposits less volatile, corporate deposits could decline if interest rates increase significantly or if corporate customers increase investing activities and reduce deposit balances. If these corporate deposits decline, the Company's funding needs can be met by liquidity supplied by the investment security portfolio, totaling $\$ 1.6$ billion as noted above. In addition, as shown on page 39, the Company has borrowing capacity of $\$ 3.4$ billion through advances from the FHLB and the Federal Reserve.
(In thousands)
2013
Core deposit base:
Non-interest bearing
\$6,750,674
\$6,299,903

| Interest checking | $1,113,110$ | 976,144 |
| :--- | :--- | :--- |
| Savings and money market | $8,995,126$ | $8,841,799$ |
| Total | $\$ 16,858,910$ | $\$ 16,117,846$ |

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Time open and certificates of deposit of $\$ 100,000$ or greater totaled $\$ 1.2$ billion at December 31, 2013. These deposits are normally considered more volatile and higher costing and comprised $6.3 \%$ of total deposits at December 31, 2013.

Other important components of liquidity are the level of borrowings from third party sources and the availability of future credit. The Company's outside borrowings are mainly comprised of federal funds purchased, repurchase agreements, and advances from the FHLB, as follows:
(In thousands)
Borrowings:
Federal funds purchased
Repurchase agreements
FHLB advances
Total

| 2013 | 2012 |
| :--- | :--- |
| $\$ 24,795$ | $\$ 24,510$ |
| $1,321,763$ | $1,059,040$ |
| 105,310 | 103,710 |
| $\$ 1,451,868$ | $\$ 1,187,260$ |

Federal funds purchased, which totaled $\$ 24.8$ million at December 31, 2013, are unsecured overnight borrowings obtained mainly from upstream correspondent banks with which the Company maintains approved lines of credit. Repurchase agreements are secured by a portion of the Company's investment portfolio and are comprised of both non-insured customer funds, totaling $\$ 971.8$ million at December 31, 2013, and structured repurchase agreements of $\$ 350.0$ million. Customer repurchase agreements are offered to customers wishing to earn interest in highly liquid balances and are used by the Company as a funding source considered to be stable, but short-term in nature. The structured repurchase agreements were borrowed from an upstream financial institution and are due in 2014. The Company also borrows on a secured basis through advances from the FHLB, which totaled $\$ 105.3$ million at December 31, 2013. All of these advances have fixed interest rates, with the majority maturing in 2017. The overall long-term debt position of the Company is small relative to its overall liability position.

The Company pledges certain assets, including loans and investment securities, to both the Federal Reserve Bank and the FHLB as security to establish lines of credit and borrow from these entities. Based on the amount and type of collateral pledged, the FHLB establishes a collateral value from which the Company may draw advances against the collateral. Also, this collateral is used to enable the FHLB to issue letters of credit in favor of public fund depositors of the Company. The Federal Reserve Bank also establishes a collateral value of assets pledged and permits borrowings from the discount window. The following table reflects the collateral value of assets pledged, borrowings, and letters of credit outstanding, in addition to the estimated future funding capacity available to the Company at December 31, 2013.
(In thousands)
Total collateral value pledged
Advances outstanding
Letters of credit issued
Available for future advances

December 31, 2013

The Company's average loans to deposits ratio was $57.1 \%$ at December 31, 2013, which is considered in the banking industry to be a measure of strong liquidity. Also, the Company receives outside ratings from both Standard \& Poor's and Moody's on both the consolidated company and its subsidiary bank, Commerce Bank. These ratings are as follows:

Standard \& Poor's Moody's
Commerce Bancshares, Inc.
Issuer rating
A-

| Commercial paper rating |  | P-1 |
| :--- | :--- | :--- |
| Rating outlook |  |  |
| Commerce Bank | Stable | Stable |
| Issuer rating <br> Bank financial strength rating <br> Rating outlook | A | Aa3 |

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The Company considers these ratings to be indications of a sound capital base and strong liquidity and believes that these ratings would help ensure the ready marketability of its commercial paper, should the need arise. No commercial paper has been outstanding during the past ten years. The Company has no subordinated or hybrid debt instruments which would affect future borrowing capacity. Because of its lack of significant long-term debt, the Company believes that, through its Capital Markets Group or in other public debt markets, it could generate additional liquidity from sources such as jumbo certificates of deposit, privately-placed corporate notes or other forms of debt. Future financing could also include the issuance of common or preferred stock.

The cash flows from the operating, investing and financing activities of the Company resulted in a net increase in cash and cash equivalents of $\$ 489.7$ million in 2013, as reported in the consolidated statements of cash flows on page 58 of this report. Operating activities, consisting mainly of net income adjusted for certain non-cash items, provided cash flow of $\$ 360.9$ million and has historically been a stable source of funds. Investing activities used total cash of $\$ 713.7$ million in 2013 and consisted mainly of purchases and maturities of available for sale investment securities, changes in long-term securities purchased under agreements to resell, and changes in the level of the Company's loan portfolio. Growth in the loan portfolio used cash of $\$ 938.2$ million. Net sales, pay downs and maturities in the investment securities portfolio provided cash of $\$ 147.3$ million, net repayments of long-term resell agreements provided cash of $\$ 50.0$ million, and cash of $\$ 47.6$ million was acquired in the Summit Bancshares, Inc. transaction. Investing activities are somewhat unique to financial institutions in that, while large sums of cash flow are normally used to fund growth in investment securities, loans, or other bank assets, they are normally dependent on the financing activities described below.

Financing activities provided total cash of $\$ 842.4$ million, primarily resulting from a $\$ 719.2$ million increase in deposits and a net increase of $\$ 263.0$ million in borrowings of federal funds purchased and repurchase agreements. This increase to cash was partly offset by purchases of treasury stock of $\$ 69.4$ million and cash dividend payments of $\$ 82.1$ million. Future short-term liquidity needs for daily operations are not expected to vary significantly, and the Company maintains adequate liquidity to meet these cash flows. The Company's sound equity base, along with its low debt level, common and preferred stock availability, and excellent debt ratings, provide several alternatives for future financing. Future acquisitions may utilize partial funding through one or more of these options.

Cash flows resulting from the Company's transactions in its common stock were as follows:
$\left.\begin{array}{llll}\text { (In millions) } & 2013 & 2012 & 2011 \\ \text { Exercise of stock-based awards and sales to affiliate non-employee } & \$ 10.2 & \$ 15.6 & \$ 15.3 \\ \text { directors } & (69.4 & )(104.9 & )(101.2 \\ \text { Purchases of treasury stock } & (82.1 & )(211.6 & )(79.1 \\ \text { Cash dividends paid } & \$(141.3 & ) \$(300.9 & ) \$(165.0\end{array}\right)$

The Parent faces unique liquidity constraints due to legal limitations on its ability to borrow funds from its bank subsidiary. The Parent obtains funding to meet its obligations from two main sources: dividends received from bank and non-bank subsidiaries (within regulatory limitations) and management fees charged to subsidiaries as reimbursement for services provided by the Parent, as presented below:

| (In millions) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- |
| Dividends received from subsidiaries | $\$ 200.4$ | $\$ 235.0$ | $\$ 180.1$ |
| Management fees | 20.7 | 23.7 | 19.3 |
| Total | $\$ 221.1$ | $\$ 258.7$ | $\$ 199.4$ |

These sources of funds are used mainly to pay cash dividends on outstanding common stock, pay general operating expenses, and purchase treasury stock. At December 31, 2013, the Parent's available for sale investment securities totaled $\$ 57.8$ million at fair value, consisting of common stock and non-agency backed collateralized mortgage
obligations. To support its various funding commitments, the Parent maintains a $\$ 20.0$ million line of credit with its subsidiary bank. There were no borrowings outstanding under the line during 2013 or 2012.

Company senior management is responsible for measuring and monitoring the liquidity profile of the organization with oversight by the Company's Asset/Liability Committee. This is done through a series of controls, including a written Contingency Funding Policy and risk monitoring procedures, which include daily, weekly and monthly reporting. In addition, the Company prepares forecasts to project changes in the balance sheet affecting liquidity and to allow the Company to better plan for forecasted changes.

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Capital Management
The Company maintains strong regulatory capital ratios, including those of its banking subsidiary, in excess of the "well-capitalized" guidelines under federal banking regulations. The Company's capital ratios at the end of the last three years are as follows:

| 2013 | 2012 | 2011 | Well-Capitalized <br> Regulatory <br> Guidelines |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 14.06 | $\% 13.60$ | $\% 14.71$ | $\% 6.00$ | $\%$ |
| 15.28 | 14.93 | 16.04 | 10.00 |  |
| 9.43 | 9.14 | 9.55 | 5.00 |  |
| 9.00 | 9.25 | 9.91 |  |  |
| 31.51 | 79.48 | 31.06 |  |  |

The Company's regulatory risked-based capital amounts and risk-weighted assets at the end of the last three years are as follows:
(In thousands)
Regulatory risk-based capital:
$\begin{array}{llll}\text { Tier I capital } & \$ 2,061,761 & \$ 1,906,203 & \$ 1,928,690\end{array}$
Tier II capital
177,875 185,938 174,711
Total capital
Total risk-weighted assets

| 2013 | 2012 | 2011 |
| :--- | :--- | :--- |
|  |  |  |
| $\$ 2,061,761$ | $\$ 1,906,203$ | $\$ 1,928,690$ |
| 177,875 | 185,938 | 174,711 |
| $2,239,636$ | $2,092,141$ | $2,103,401$ |
| $14,660,536$ | $14,015,648$ | $13,115,261$ |

The Company maintains a stock buyback program and purchases stock in the market under authorizations by its Board of Directors. At a July 2013 meeting, the Board of Directors approved the purchase of additional shares, bringing the total shares authorized for future purchase to $4,000,000$ shares. During 2013 the Company purchased $1,741,806$ shares of stock at an average cost of $\$ 39.82$ per share. At December 31, 2013, 3,492,265 shares remained available for purchase under the current Board authorization.

The Company's common stock dividend policy reflects its earnings outlook, desired payout ratios, the need to maintain adequate capital levels and alternative investment options. The Company paid a special cash dividend of $\$ 1.36$ per share in the fourth quarter of 2012, and the regular per share cash dividends increased $2.7 \%$ in 2013 compared with 2012. The Company also paid its twentieth consecutive annual 5\% stock dividend in December 2013. The Board of Directors approved a 5\% increase in the first quarter 2014 cash dividend.

Commitments, Contractual Obligations, and Off-Balance Sheet Arrangements
In the normal course of business, various commitments and contingent liabilities arise which are not required to be recorded on the balance sheet. The most significant of these are loan commitments totaling $\$ 8.4$ billion (including approximately $\$ 3.8$ billion in unused approved credit card lines) and the contractual amount of standby letters of credit totaling $\$ 325.6$ million at December 31, 2013. As many commitments expire unused or only partially used, these totals do not necessarily reflect future cash requirements. Management does not anticipate any material losses arising from commitments or contingent liabilities and believes there are no material commitments to extend credit that represent risks of an unusual nature.

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A table summarizing contractual cash obligations of the Company at December 31, 2013 and the expected timing of these payments follows:


As of December 31, 2013, the Company had unrecognized tax benefits of $\$ 1.4$ million. This liability for unrecognized tax benefits represents an estimate of tax positions that the Company has taken in its tax returns which may not be sustained upon examination by taxing authorities. Since the ultimate amount and timing of any future cash settlements cannot be predicted with reasonable certainty, this estimated liability has been excluded from the table above. Further information about these benefits is located in Note 9 to the consolidated financial statements.

The Company funds a defined benefit pension plan for a portion of its employees. Under the funding policy for the plan, contributions are made as necessary to provide for current service and for any unfunded accrued actuarial liabilities over a reasonable period. During 2012, the Company made a discretionary contribution of $\$ 1.5$ million to its defined benefit pension plan in order to reduce pension guarantee premiums. No contributions were made to the plan in 2013, and the Company is not required nor does it expect to make a contribution in 2014.

The Company has investments in several low-income housing partnerships within the areas it serves. These partnerships supply funds for the construction and operation of apartment complexes that provide affordable housing to that segment of the population with lower family income. If these developments successfully attract a specified percentage of residents falling in that lower income range, federal (and sometimes state) income tax credits are made available to the partners. The tax credits are normally recognized over ten years, and they play an important part in the anticipated yield from these investments. In order to continue receiving the tax credits each year over the life of the partnership, the low-income residency targets must be maintained. Under the terms of the partnership agreements, the Company has a commitment to fund a specified amount that will be due in installments over the life of the agreements, which ranges from 10 to 15 years. At December 31, 2013, the funded investments totaled $\$ 13.9$ million and are recorded as other assets in the Company's consolidated balance sheet. Additional unfunded commitments, which are recorded as liabilities, amounted to $\$ 11.8$ million at December 31, 2013.

The Company regularly purchases various state tax credits arising from third-party property redevelopment. These credits are either resold to third parties or retained for use by the Company. During 2013, purchases and sales of tax credits amounted to $\$ 65.1$ million and $\$ 59.6$ million, respectively. At December 31, 2013, the Company had outstanding purchase commitments totaling $\$ 181.8$ million.

Interest Rate Sensitivity
The Company's Asset/Liability Management Committee (ALCO) measures and manages the Company's interest rate risk on a monthly basis to identify trends and establish strategies to maintain stability in net interest income throughout various rate environments. Analytical modeling techniques provide management insight into the Company's exposure to changing rates. These techniques include net interest income simulations and market value analysis. Management has set guidelines specifying acceptable limits within which net interest income and market

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value may change under various rate change scenarios. These measurement tools indicate that the Company is currently within acceptable risk guidelines as set by management.

The Company's main interest rate measurement tool, income simulations, projects net interest income under various rate change scenarios in order to quantify the magnitude and timing of potential rate-related changes. Income simulations are able to capture option risks within the balance sheet where expected cash flows may be altered under various rate environments. Modeled rate movements include "shocks, ramps and twists". Shocks are intended to capture interest rate risk under extreme conditions by immediately shifting rates up and down, while ramps measure the impact of gradual changes and twists measure yield curve risk. The size of the balance sheet is assumed to remain constant so that results are not influenced by growth predictions. The following table shows the expected effect that gradual basis point shifts in the swap curve over a twelve month period would have on the Company's net interest income, given a static balance sheet.
(Dollars in millions)

300 basis points rising 200 basis points rising 100 basis points rising

December 31, 2013
\$ Change in Net Interest Income
\% Change in Net Interest Income

| $(\$ 5.0$ | $)(.81$ | $) \%$ |
| :--- | :--- | :--- |
| 1.0 | .17 |  |
| 3.4 | .56 |  |

September 30, 2013
$\left.\begin{array}{ll}\text { \$ Change } & \text { \% Change in } \\ \text { in Net } & \text { Net Interest } \\ \text { Interest } & \text { Income } \\ \text { Income } & \\ (\$ 6.7 & )(1.12\end{array}\right) \%$

December 31, 2012
\$ Change \% Change in Interest Net Interest Income Income
(\$2.1 ) (.36 ) \%
3.1 . 51
4.9

The Company also employs a sophisticated simulation technique known as a stochastic income simulation. This technique allows management to see a range of results from hundreds of income simulations. The stochastic simulation creates a vector of potential rate paths around the market's best guess (forward rates) concerning the future path of interest rates and allows rates to randomly follow paths throughout the vector. This allows for the modeling of non-biased rate forecasts around the market consensus. Results give management insight into a likely range of rate-related risk as well as worst and best-case rate scenarios.

The Company also uses market value analyses to help identify longer-term risks that may reside on the balance sheet. This is considered a secondary risk measurement tool by management. The Company measures the market value of equity as the net present value of all asset and liability cash flows discounted along the current swap curve plus appropriate market risk spreads. It is the change in the market value of equity under different rate environments, or effective duration that gives insight into the magnitude of risk to future earnings due to rate changes. Market value analyses also help management understand the price sensitivity of non-marketable bank products under different rate environments.

Under the above scenarios at December 31, 2013, a gradual increase in interest rates of 100 basis points is expected to increase net interest income from the base calculation by $\$ 3.4$ million, or $.56 \%$, and a rise of 200 basis points is expected to increase net interest income by $\$ 1.0$ million, or $.17 \%$. Under a 300 basis points rising rate scenario, net interest income would decrease by $\$ 5.0$ million, or $.81 \%$. Due to the already low interest rate environment, the Company did not model falling rate scenarios. The change in net interest income from the base calculation at December 31, 2013 for the three scenarios shown was higher than projections made at September 30, 2013, largely due to a change in the mix of interest bearing liabilities. Short-term borrowings of federal funds purchased and repurchase agreements, in addition to short-term certificates of deposit, are generally more rate-sensitive, and these balances declined from the previous quarter. They were replaced by higher balances of demand and money market deposits, which are less rate-sensitive. This change resulted in more asset-sensitive risk pattern and improving income projections. As shown in the above scenarios, as rates rise from 100 to 300 basis points, the effect on projected net interest income generally becomes more negative. This occurs because, in the higher rate scenarios, the non-contractual deposits are modeled to become more rate sensitive, resulting in margin compression. Also, these scenarios project deposit run-off which is replaced by higher costing short-term borrowings. Rising rates also tend to slow prepayments of both residential mortgage loans and mortgage-backed securities, which also negatively affects net interest income.

Through review and oversight by the ALCO, the Company attempts to engage in strategies that neutralize interest rate risk as much as possible. The Company's balance sheet remains well-diversified with moderate interest rate risk and is well-positioned for future growth. The use of derivative products is limited and the deposit base is strong and stable. The loan to deposit ratio is still at relatively low levels, which should present the Company with opportunities to fund future loan growth at reasonable costs. The Company believes that its approach to interest rate risk has appropriately considered its susceptibility to both rising and falling rates and has adopted strategies which minimize impacts of interest rate risk.

## Derivative Financial Instruments

The Company maintains an overall interest rate risk management strategy that permits the use of derivative instruments to modify exposure to interest rate risk. The Company's interest rate risk management strategy includes the ability to modify the re-pricing characteristics of certain assets and liabilities so that changes in interest rates do not adversely affect the net interest margin and cash flows. Interest rate swaps are used on a limited basis as part of this strategy. As of December 31, 2013, the Company had entered into two interest rate swaps with a notional amount of $\$ 12.2$ million which are designated as fair value hedges of certain fixed rate loans. The Company also sells swap contracts to customers who wish to modify their interest rate sensitivity. The Company offsets the interest rate risk of these swaps by purchasing matching contracts with offsetting pay/receive rates from other financial institutions. The notional amount of these types of swaps at December 31, 2013 was $\$ 584.8$ million.

Credit risk participation agreements arise when the Company contracts, as a guarantor or beneficiary, with other financial institutions to share credit risk associated with certain interest rate swaps. These agreements provide for reimbursement of losses resulting from a third party default on the underlying swap.

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The Company enters into foreign exchange derivative instruments as an accommodation to customers and offsets the related foreign exchange risk by entering into offsetting third-party forward contracts with approved, reputable counterparties. In addition, the Company takes proprietary positions in such contracts based on market expectations. This trading activity is managed within a policy of specific controls and limits. Most of the foreign exchange contracts outstanding at December 31, 2013 mature within six months.

In all of these contracts, the Company is exposed to credit risk in the event of nonperformance by counterparties, who may be bank customers or other financial institutions. The Company controls the credit risk of its financial contracts through credit approvals, limits and monitoring procedures. Because the Company generally enters into transactions only with high quality counterparties, there have been no losses associated with counterparty nonperformance on derivative financial instruments.

The following table summarizes the notional amounts and estimated fair values of the Company's derivative instruments at December 31, 2013 and 2012. Notional amount, along with the other terms of the derivative, is used to determine the amounts to be exchanged between the counterparties. Because the notional amount does not represent amounts exchanged by the parties, it is not a measure of loss exposure related to the use of derivatives nor of exposure to liquidity risk.
$\left.\begin{array}{lllllll} & 2013 & & & 2012 & & \\ & \text { Notional } & \text { Positive Fair } & \text { Negative } & \text { Notional } & \text { Positive Fair } & \text { Negative } \\ \text { (In thousands) } & \text { Amount } & \text { Value } & \text { Fair Value } & \text { Amount } & \text { Value } & \text { Fair Value } \\ \text { Interest rate swaps } & \$ 596,933 & \$ 11,428 & \$(11,729 & \$ 435,542 & \$ 16,334 & \$(17,060) \\ \text { Interest rate caps } & 9,736 & 1 & (1 & 27,736 & 1 & (1) \\ \begin{array}{l}\text { Credit risk participation } \\ \text { agreements }\end{array} & 52,456 & 4 & (69 & ) & 43,243 & 9\end{array}\right)(196)$

## Operating Segments

The Company segregates financial information for use in assessing its performance and allocating resources among three operating segments. The results are determined based on the Company's management accounting process, which assigns balance sheet and income statement items to each responsible segment. These segments are defined by customer base and product type. The management process measures the performance of the operating segments based on the management structure of the Company and is not necessarily comparable with similar information for any other financial institution. Each segment is managed by executives who, in conjunction with the Chief Executive Officer, make strategic business decisions regarding that segment. The three reportable operating segments are Consumer, Commercial and Wealth. Additional information is presented in Note 13 on Segments in the consolidated financial statements.

The Company uses a funds transfer pricing method to value funds used (e.g., loans, fixed assets, cash, etc.) and funds provided (deposits, borrowings, and equity) by the business segments and their components. This process assigns a specific value to each new source or use of funds with a maturity, based on current swap rates, thus determining an interest spread at the time of the transaction. Non-maturity assets and liabilities are valued using weighted average pools. The funds transfer pricing process attempts to remove interest rate risk from valuation, allowing management to compare profitability under various rate environments. The Company also assigns loan charge-offs and recoveries (labeled in the table below as "provision for loan losses") directly to each operating segment instead of allocating an estimated loan loss provision. The operating segments also include a number of allocations of income and expense from various support and overhead centers within the Company.

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The table below is a summary of segment pre-tax income results for the past three years.

| (Dollars in thousands) | Consumer |  | Commercial | Wealth |  | Segment Totals |  | Other/E |  | Consolidated Totals |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year ended December 31, 2013: |  |  |  |  |  |  |  |  |  |  |
| Net interest income | \$268,283 |  | \$288,722 | \$40,194 |  | \$597,199 |  | \$ 22,173 |  | \$619,372 |
| Provision for loan losses | (34,277 | ) | 3,772 | (688 |  | (31,193 | ) | 10,840 |  | (20,353 |
| Non-interest income | 113,377 |  | 186,446 | 116,765 |  | 416,588 |  | 1,798 |  | 418,386 |
| Investment securities losses, net | - |  | - | - |  | - |  | (4,425 | ) | (4,425 |
| Non-interest expense | (270,209 | ) | (235,346 | (96,530 |  | (602,085 | ) | (27,548 | ) | (629,633 |
| Income before income taxes | \$77,174 |  | \$243,594 | \$59,741 |  | \$380,509 |  | \$ 2,838 |  | \$383,347 |

Year ended December 31, 2012:

| Net interest income | \$274,844 |  | \$290,968 |  | \$39,498 |  | \$605,310 |  | \$ 34,596 |  | \$639,906 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Provision for loan losses | (35,496 | ) | (2,824 | ) | (695 | ) | (39,015 | ) | 11,728 |  | (27,287 |
| Non-interest income | 114,307 |  | 179,824 |  | 108,472 |  | 402,603 |  | (2,973 |  | 399,630 |
| Investment securities gains, net |  |  | - |  | - |  | - |  | 4,828 |  | 4,828 |
| Non-interest expense | (266,740 | ) | (226,935 | ) | (90,659 | ) | (584,334 | ) | (34,135 | ) | (618,469 |
| Income before income | \$86,915 |  | \$241,033 |  | \$56,616 |  | \$384,564 |  | \$ 14,044 |  | \$398,608 | 2013 vs 2012

Increase (decrease) in income before income taxes:
Amount $\$(9,741) \$ 2,561 \quad \$ 3,125 \quad \$(4,055) \$(11,206) \$(15,261)$
Percent (11.2 $) \% 1.1 \quad \% 5.5 \quad \%(1.1 \quad) \%(79.8 \quad) \%(3.8 \quad) \%$

Year ended December 31, 2011:
$\left.\begin{array}{lllllllll}\text { Net interest income } & \$ 283,555 & \$ 283,790 & \$ 38,862 & \$ 606,207 & \$ 39,863 & \$ 646,070 & \\ \text { Provision for loan losses } & (47,273 & ) & (16,195 & )(712 & )(64,180 & ) & 12,665 & (51,515\end{array}\right)$

2012 vs 2011
Increase (decrease) in income before income
taxes:

| Amount | $\$(11,185$ | $)$ | $\$ 32,178$ | $\$ 5,738$ | $\$ 26,731$ | $\$(9,158$ | $)$ | $\$ 17,573$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Percent | $(11.4$ | $) \% 15.4$ | $\% 11.3$ | $\% 7.5$ | $\%(39.5$ | $) \% 4.6$ | $\%$ |  |

## Consumer

The Consumer segment includes consumer deposits, consumer finance, and consumer debit and credit cards. Pre-tax profitability for 2013 was $\$ 77.2$ million, a decrease of $\$ 9.7$ million, or $11.2 \%$, from 2012. This decrease was mainly
due to a decline of $\$ 6.6$ million, or $2.4 \%$, in net interest income, coupled with an increase of $\$ 3.5$ million, or $1.3 \%$, in non-interest expense. In addition, non-interest income decreased $\$ 930$ thousand, while the provision for loan losses decreased $\$ 1.2$ million, or $3.4 \%$. Net interest income declined due to a $\$ 4.7$ million decrease in loan interest income and a $\$ 7.3$ million decrease in net allocated funding credits assigned to the Consumer segment's loan and deposit portfolios, partly offset by a decline of $\$ 5.3$ million in deposit interest expense. Non-interest income decreased mainly due to declines in deposit account fees (mainly overdraft charges), mortgage banking revenue, and ATM fees, but the declines were partly offset by growth in bank card fees. Non-interest expense increased over the prior year due to higher corporate management fees, bank card related expense, building rent expense and credit card fraud losses, partly offset by lower incentive compensation expense and allocated building security expense. The provision for loan losses totaled $\$ 34.3$ million, a $\$ 1.2$ million decrease from 2012, which was mainly due to lower losses on marine and RV loans. Total average loans in this segment increased $\$ 170.8$ million, or $7.1 \%$, in 2013 compared to the prior year due to growth in auto loan originations, partly offset by repayments of marine and RV loans. Average deposits increased $5.7 \%$ over the prior year, resulting mainly from growth in interest checking and money market deposit accounts, partly offset by a decline in certificates of deposit under $\$ 100,000$.

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Pre-tax profitability for 2012 was $\$ 86.9$ million, a decrease of $\$ 11.2$ million, or $11.4 \%$, from 2011. This decrease was mainly due to a decline of $\$ 8.7$ million, or $3.1 \%$, in net interest income, coupled with a decline of $\$ 16.9$ million, or $12.9 \%$, in non-interest income. These income reductions were partly offset by a decrease of $\$ 11.8$ million in the provision for loan losses and a $\$ 2.7$ million decrease in non-interest expense. Net interest income declined due to a $\$ 7.9$ million decrease in loan interest income and a $\$ 9.8$ million decrease in net allocated funding credits, partly offset by a decline of $\$ 9.0$ million in deposit interest expense. Non-interest income decreased mainly due to declines in bank card fee income (primarily debit card fees) and deposit account fees (mainly overdraft charges). Non-interest expense declined from the same period in the previous year due to lower FDIC insurance expense and corporate management fees, partly offset by higher salaries expense. The provision for loan losses totaled $\$ 35.5$ million, an $\$ 11.8$ million decrease from 2011, which was due mainly to lower losses on consumer credit card loans and marine and RV loans. Total average loans decreased $3.0 \%$ in 2012 compared to the prior year due to declines in held for sale student loans and personal real estate loans. Consumer loans grew, however, due to auto loan growth, which was partly offset by declining marine and RV loans. Average deposits increased $4.2 \%$ over the prior period, due mainly to money market and interest checking account growth, partly offset by lower balances of certificates of deposit under $\$ 100,000$.

## Commercial

The Commercial segment provides corporate lending (including the Small Business Banking product line within the branch network), leasing, international services, and business, government deposit, and related commercial cash management services, as well as merchant and commercial bank card products. The segment includes the Capital Markets Group, which sells fixed-income securities to individuals, corporations, correspondent banks, public institutions, and municipalities, and also provides investment safekeeping and bond accounting services. Pre-tax income for 2013 increased $\$ 2.6$ million, or $1.1 \%$, compared to the prior year, mainly due to higher non-interest income and a decline in the provision for loan losses, partly offset by higher non-interest expense and a decline in net interest income. Net interest income decreased $\$ 2.2$ million, due to a $\$ 5.7$ million decline in loan interest income, partly offset by higher net allocated funding credits of $\$ 3.0$ million. Non-interest income increased by $\$ 6.6$ million, or $3.7 \%$, over the previous year due to growth in bank card fees (mainly corporate card), partly offset by lower capital market fees. Growth was also seen in corporate cash management fees and tax credit sales fees. Non-interest expense increased $\$ 8.4$ million, or $3.7 \%$, over the previous year, mainly due to higher full-time salaries expense, a provision recorded on a letter of credit exposure, and higher bank card related expense. These expense increases were partly offset by higher gains on sales of foreclosed property, lower incentive compensation, and lower processing costs. The provision for loan losses declined $\$ 6.6$ million from last year, as business real estate loan net charge-offs declined $\$ 4.2$ million and construction and land loan net recoveries increased $\$ 4.4$ million, while business loan recoveries decreased by $\$ 1.6$ million. Average segment loans increased $\$ 476.0$ million, or $8.4 \%$, compared to 2012 as a result of growth in all commercial loan categories. Average deposits increased $\$ 542.7$ million, or $8.7 \%$, due to growth in non-interest bearing accounts and certificates of deposit over $\$ 100,000$.
In 2012, pre-tax profitability for the Commercial segment increased $\$ 32.2$ million, or $15.4 \%$, compared to the prior year, mainly due to a lower provision for loan losses and growth in net interest income and non-interest income. Net interest income increased $\$ 7.2$ million, or $2.5 \%$, due to higher net allocated funding credits of $\$ 15.4$ million (related to higher average deposit balances), partly offset by a $\$ 10.1$ million decline in loan interest income. The provision for loan losses in the segment totaled $\$ 2.8$ million in 2012, a decrease of $\$ 13.4$ million from 2011. During 2012, net recoveries of $\$ 2.5$ million were recorded on business loans, compared to net charge-offs of $\$ 4.7$ million in 2011. This decline in net charge-offs was partly due to recoveries of $\$ 3.6$ million on two non-performing loans in 2012. In addition, net charge-offs on construction loans decreased $\$ 7.2$ million. Non-interest income increased by $\$ 17.3$ million, or $10.6 . \%$, over the previous year due to growth in bank card fees (mainly corporate card), capital market fees and tax credit sales revenue. Non-interest expense increased $\$ 5.7$ million, or $2.6 \%$, over 2011 , mainly due to higher salaries expense and bank card related expenses, partly offset by lower corporate management fees. Average segment loans increased $1.0 \%$ compared to 2011 as a result of a growth in business real estate, lease and tax-free loans, partly offset by a decline in construction loans. Average deposits increased $11.5 \%$ due to growth in non-interest bearing accounts, money market deposit accounts and interest checking accounts, partly offset by a decline in certificates of
deposit over $\$ 100,000$.
Wealth
The Wealth segment provides traditional trust and estate planning, advisory and discretionary investment management services, brokerage services, and includes Private Banking accounts. At December 31, 2013, the Trust group managed investments with a market value of $\$ 20.4$ billion and administered an additional $\$ 14.8$ billion in non-managed assets. It also provides investment management services to The Commerce Funds, a series of mutual funds with $\$ 1.8$ billion in total assets at December 31, 2013. Wealth segment pre-tax profitability for 2013 was $\$ 59.7$ million, compared to $\$ 56.6$ million in 2012, an increase of $\$ 3.1$ million, or $5.5 \%$. Net interest income increased $\$ 696$ thousand, or $1.8 \%$, mainly due to a $\$ 1.2$ million decline in deposit interest expense and an increase of $\$ 529$ thousand in loan interest income, which were partly offset by a $\$ 1.1$ million decrease in net allocated funding credits. Non-interest income increased $\$ 8.3$ million, or $7.6 \%$, over the prior year due to higher personal and institutional trust fees and brokerage advisory fees. Non-interest expense increased $\$ 5.9$ million, or $6.5 \%$, mainly due to higher full-time salary costs, incentive compensation and processing costs. Average assets increased $\$ 112.4$ million, or $15.1 \%$, during 2013 mainly due

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to higher loan balances (mainly consumer and personal real estate loans) originated in this segment. Average deposits also increased $\$ 195.9$ million, or $11.6 \%$, due to growth in money market and interest checking deposit accounts.

In 2012, pre-tax income for the Wealth segment was $\$ 56.6$ million compared to $\$ 50.9$ million in 2011, an increase of $\$ 5.7$ million, or $11.3 \%$. Net interest income increased $\$ 636$ thousand, or $1.6 \%$, and was impacted by a $\$ 1.8$ million decline in deposit interest expense, partly offset by a $\$ 1.0$ million decrease in net allocated funding credits.
Non-interest income increased $\$ 6.6$ million, or $6.5 \%$, over the prior year due to higher personal and institutional trust fees. Non-interest expense increased $\$ 1.6$ million, or $1.7 \%$, mainly due to higher salary and benefit costs, partly offset by lower fraud losses and legal and professional fees. Average assets increased $\$ 62.9$ million, or $9.2 \%$, during 2012 mainly due to higher loan balances, while average deposits increased $\$ 158.5$ million, or $10.3 \%$, on higher money market and interest checking accounts.

The segment activity, as shown above, includes both direct and allocated items. Amounts in the "Other/Elimination" column include activity not related to the segments, such as certain administrative functions, the investment securities portfolio, and the effect of certain expense allocations to the segments. Also included in this category is the difference between the Company's provision for loan losses and net loan charge-offs, which are generally assigned directly to the segments. In 2013, the pre-tax income in this category was $\$ 2.8$ million, compared to $\$ 14.0$ million in 2012. This decrease occurred partly due to a $\$ 12.4$ million decline in net interest income in this category, related to the earnings of the investment portfolio and interest expense on borrowings not allocated to a segment. In addition, unallocated securities gains declined $\$ 9.3$ million, while unallocated non-interest expense was lower by $\$ 6.6$ million.

Impact of Recently Issued Accounting Standards
Other Comprehensive Income In February 2013, the Financial Accounting Standards Board (FASB) issued ASU 2013-02, "Reporting of Amounts Reclassified Out of Accumulated Other Comprehensive Income". The amendments require an entity to present, either in the income statement or in the notes, significant amounts reclassified out of accumulated other comprehensive income by the respective line items of net income, but only if the amount reclassified is required under U.S. GAAP to be reclassified to net income in its entirety in the same reporting period. For other amounts that are not required under U.S. GAAP to be reclassified in their entirety, an entity is required to cross-reference to other disclosures that provide additional detail about those amounts. This ASU was effective for annual and interim periods beginning January 1, 2013. Adoption of the ASU did not have a significant effect on the Company's consolidated financial statements (see Note 12 to the consolidated financial statements).

Balance Sheet In December 2011, the FASB issued ASU 2011-11, "Disclosures about Offsetting Assets and Liabilities". The ASU is a joint requirement by the FASB and International Accounting Standards Board to enhance current disclosures and increase comparability of GAAP and International Financial Reporting Standards (IFRS) financial statements. Under the ASU, an entity is required to disclose both gross and net information about instruments and transactions eligible for offset in the balance sheet, as well as instruments and transactions subject to an agreement similar to a master netting agreement. ASU 2013-01, "Clarifying the Scope of Disclosures about Offsetting Assets and Liabilities" was issued in January 2013, and amended ASU 2011-11 to specifically include only derivatives accounted for under Topic 815, repurchase and reverse repurchase agreements, and securities borrowing and lending transactions that are either offset or subject to an enforceable master netting arrangement. Both ASUs were effective for annual and interim periods beginning January 1, 2013, and their required disclosures are included in the accompanying Note 19 to the consolidated financial statements.

Investment Companies In June 2013, the FASB issued ASU 2013-08, "Amendments to the Scope, Measurement, and Disclosure Requirements" for investment companies. The amendments changed the assessment of whether an entity is an investment company by requiring an entity to possess certain fundamental characteristics, while allowing judgment in assessing other typical characteristics. The ASU was effective January 1, 2014, and the Company did not
change the status of any subsidiary or the accounting applied to a subsidiary under the new guidelines.
Derivatives The FASB issued ASU 2013-10, "Inclusion of the Fed Funds Effective Swap Rate (or Overnight Index Swap Rate) as a Benchmark Interest Rate for Hedge Accounting Purposes", in July 2013. These amendments allow the Fed Funds Effective Swap Rate (OIS) to be used as a U.S. benchmark interest rate for hedge accounting purposes, in addition to the current benchmark rates of UST (the rate on direct Treasury obligations of the U.S. government) and LIBOR (the London Interbank Offered Rate on swaps). The amendments were effective on a prospective basis for new or redesignated hedging relationships on July 17, 2013. The adoption did not have a significant effect on the Company's consolidated financial statements.

Investments - Equity Method and Joint Ventures The FASB issued ASU 2014-01, "Accounting for Investments in Qualified Affordable Housing Projects", in January 2014. These amendments allow investors in low income housing tax credit entities to account for the investments using a proportional amortization method, provided that certain conditions are met, and recognize

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amortization of the investment as a component of income tax expense. In addition, disclosures are required that will enable users to understand the nature of the investments, and the effect of the measurement of the investments and the related tax credits on the investor's financial statements. This ASU is effective for interim and annual periods beginning January 1, 2015 and should be applied retrospectively to all periods presented. The adoption is not expected to have a significant effect on the Company's consolidated financial statements.

Troubled Debt Restructurings by Creditors The FASB issued ASU 2014-04, "Reclassification of Residential Real Estate Collateralized Consumer Mortgage Loans upon Foreclosure", in January 2014. These amendments require companies to disclose the amount of foreclosed residential real estate property held and the recorded investment in consumer mortgage loans secured by residential real estate properties for which formal foreclosure proceedings are in process according to local requirements of the applicable jurisdiction. The ASU also defines when a creditor is considered to have received physical possession of residential real estate property collateralizing a consumer mortgage loan. The amendments are effective for interim and annual periods beginning January 1, 2015. The adoption is not expected to have a significant effect on the Company's consolidated financial statements.

## Corporate Governance

The Company has adopted a number of corporate governance measures. These include corporate governance guidelines, a code of ethics that applies to its senior financial officers and the charters for its audit committee, its committee on compensation and human resources, and its committee on governance/directors. This information is available on the Company's Web site www.commercebank.com under Investor Relations.

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## SUMMARY OF QUARTERLY STATEMENTS OF INCOME

Year ended December 31, 2013
(In thousands, except per share data)
Interest income
Interest expense
Net interest income
Non-interest income
Investment securities gains (losses), net
Salaries and employee benefits
Other expense
Provision for loan losses
Income before income taxes
Income taxes
Non-controlling interest
Net income attributable to Commerce Bancshares, Inc.
Net income per common share - basic*
Net income per common share - diluted*
Weighted average shares — basic*
Weighted average shares - diluted*
Year ended December 31, 2012
(In thousands, except per share data)
Interest income
Interest expense
Net interest income
Non-interest income
Investment securities gains (losses), net
Salaries and employee benefits
Other expense
Provision for loan losses
Income before income taxes
Income taxes
Non-controlling interest
Net income attributable to Commerce Bancshares, Inc.
Net income per common share - basic*
Net income per common share - diluted*
Weighted average shares - basic*
Weighted average shares - diluted*
Year ended December 31, 2011
(In thousands, except per share data)
Interest income
Interest expense
Net interest income
Non-interest income
Investment securities gains, net
Salaries and employee benefits
Other expense
Provision for loan losses
Income before income taxes

For the Quarter Ended

| $12 / 31 / 2013$ | $9 / 30 / 2013$ | $6 / 30 / 2013$ | $3 / 31 / 2013$ |  |
| :--- | :--- | :--- | :--- | :--- |
| $\$ 162,141$ | $\$ 162,144$ | $\$ 167,255$ | $\$ 158,745$ |  |
| $(7,276$ | $)(7,438$ | $)(7,797$ | $)(8,402$ | $)$ |
| 154,865 | 154,706 | 159,458 | 150,343 |  |
| 109,522 | 106,311 | 102,676 | 99,877 |  |
| $(1,342$ | $) 650$ | $(1,568$ | $)(2,165$ | $)$ |
| $(95,012$ | $)(91,405$ | $)(89,569$ | $)(90,881$ | $)$ |
| $(66,306$ | $)(64,907$ | $)(67,397$ | $)(64,156$ | $)$ |
| $(5,543$ | $)(4,146$ | $)(7,379$ | $)(3,285$ | $)$ |
| 96,184 | 101,209 | 96,221 | 89,733 |  |
| $(30,359$ | $)(32,764$ | $)(30,182$ | $)(28,925$ | $)$ |

90
\$65,915
\$. 69
$\$ .69$
$\begin{array}{llll}94,843 & 94,504 & 94,273 & 94,722\end{array}$
$\begin{array}{lll}95,321 & 94,975 & 94,667\end{array}$
For the Quarter Ended
$\left.\begin{array}{llll}12 / 31 / 2012 & 9 / 30 / 2012 & 6 / 30 / 2012 & 3 / 31 / 2012 \\ \$ 170,185 & \$ 163,194 & \$ 174,624 & \$ 169,966 \\ (8,932 & )(9,383 & )(9,519 & )(10,229\end{array}\right)$
$161,253 \quad 153,811 \quad 165,105 \quad 159,73$

| 103,309 | 100,922 | 100,816 | 94,583 |
| :--- | :--- | :--- | :--- |
| $(3,728$ | $)$ | 3,180 | 1,336 |

$(94,553)(89,292)(87,511)(89,543$
$(63,724)(64,099)(68,829)(60,918)$
$(8,326)(5,581)(5,215)(8,165)$

94,231 98,941 105,702 99,734
$(27,628)(32,155)(34,466)(32,920$
188
(780
\$66,006
\$. 68
\$. 69
$\$ .69 \quad \$ .68$
95,366
95,549 96,130
For the Quarter Ended

| $12 / 31 / 2011$ | $9 / 30 / 2011$ | $6 / 30 / 2011$ | $3 / 31 / 2011$ |  |
| :--- | :--- | :--- | :--- | :--- |
| $\$ 173,223$ | $\$ 170,835$ | $\$ 178,087$ | $\$ 175,826$ |  |
| $(11,466$ | $)(12,205$ | $)(13,377$ | $)(14,853$ | $)$ |
| 161,757 | 158,630 | 164,710 | 160,973 |  |
| 94,035 | 101,632 | 101,344 | 95,906 |  |
| 4,942 | 2,587 | 1,956 | 1,327 |  |
| $(88,010$ | $)(85,700$ | $)(84,223$ | $)(87,392$ | $)$ |
| $(68,020$ | $)(68,046$ | $)(69,290$ | $)(66,568$ | $)$ |
| $(12,143$ | $)(11,395$ | $)(12,188$ | $)(15,789$ | $)$ |
| 92,561 | 97,708 | 102,309 | 88,457 |  |

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| Income taxes | $(29,514$ | $)(31,699$ | $)(32,692$ | $)(27,507$ |
| :--- | :--- | :--- | :--- | :--- |
| Non-controlling interest | $(1,543$ | $)(657$ | $)(583$ | $)(497$ |
| Net income attributable to Commerce Bancshares, Inc. | $\$ 61,504$ | $\$ 65,352$ | $\$ 69,034$ | $\$ 60,453$ |
| Net income per common share - basic* | $\$ .63$ | $\$ .66$ | $\$ .68$ | $\$ .60$ |
| Net income per common share - diluted* | $\$ .63$ | $\$ .65$ | $\$ .68$ | $\$ .60$ |
| Weighted average shares - basic* | 97,455 | 98,648 | 100,180 | 100,097 |
| Weighted average shares - diluted* | 97,740 | 98,935 | 100,629 | 100,524 |
| * Restated for the 5\% stock dividend distributed in 2013 |  |  |  |  |

* Restated for the 5\% stock dividend distributed in 2013.


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AVERAGE BALANCE SHEETS - AVERAGE RATES AND YIELDS
Years Ended December 31

2013
(Dollars in thousands)

ASSETS
Loans: ${ }^{\text {(A) }}$
Business ${ }^{(B)}$
Real estate -
construction and land
Real estate - business
Real estate - personal
Consumer 1,437,270
Revolving home
equity
Student ${ }^{(C)}$
Consumer credit card
Overdrafts
Total loans
Loans held for sale
Investment securities:
U.S. government \&
federal agency
obligations
Government-sponsored
enterprise obligations
State \& municipal
obligations ${ }^{(B)}$
Mortgage-backed securities
Asset-backed securities
Other marketable securities ${ }^{(B)}$
Trading securities ${ }^{(B)}$
Non-marketable securities ${ }^{(B)}$
Total investment securities
Short-term federal funds sold and securities purchased
under agreements to resell
Long-term securities purchased under agreements to resell

| Average | Anterest Average $\quad$ Average |
| :--- | :--- |
| Balance | Income/Expense |
| Earned/Paid |  | )


|  |  |  |
| :--- | :--- | :--- |
| Interest Average Average | Interest Average |  |
| Rates | Rates |  |
| Income/Expense |  |  |
| Earned/Paid |  |  |

$\$ 3,366,564 \quad \$ 102,8473.05 \quad \% \quad \$ 2,962,699 \quad \$ 102,0133.44 \quad \% \quad \$ 2,910,668 \quad \$ 104,6243.59 \%$

| 378,896 | 15,036 | 3.97 | 356,425 | 15,146 | 4.25 | 419,905 | 18,831 | 4.48 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $2,251,113$ | 92,555 | 4.11 | $2,193,271$ | 98,693 | 4.50 | $2,117,031$ | 101,988 | 4.82 |
| $1,694,955$ | 66,353 | 3.91 | $1,503,357$ | 65,642 | 4.37 | $1,433,869$ | 69,048 | 4.82 |
| $1,437,270$ | 67,299 | 4.68 | $1,180,538$ | 66,402 | 5.62 | $1,118,700$ | 70,127 | 6.27 |
| 424,358 | 16,822 | 3.96 | 446,204 | 18,586 | 4.17 | 468,718 | 19,952 | 4.26 |
| - | - | - | - | - | - | - | - | - |
| 752,478 | 84,843 | 11.28 | 730,697 | 85,652 | 11.72 | 746,724 | 84,479 | 11.31 |
| 6,020 | - | - | 6,125 | - | - | 6,953 | - | - |
| $10,311,654$ | 445,755 | 4.32 | $9,379,316$ | 452,134 | 4.82 | $9,222,568$ | 469,049 | 5.09 |
| 4,488 | 176 | 3.92 | 9,688 | 361 | 3.73 | 47,227 | 1,115 | 2.36 |


| 401,162 | 8,775 | 2.19 | 332,382 | 12,260 | 3.69 | 357,861 | 17,268 | 4.83 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $\mathrm{d}_{499,947}$ | 8,658 | 1.73 | 306,676 | 5,653 | 1.84 | 253,020 | 5,781 | 2.28 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $1,617,814$ | 58,522 | 3.62 | $1,376,872$ | 54,056 | 3.93 | $1,174,751$ | 51,988 | 4.43 |


| $3,187,648$ | 87,523 | 2.75 | $3,852,616$ | 107,527 | 2.79 | $3,556,106$ | 114,405 | 3.22 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $3,061,415$ | 27,475 | .90 | $2,925,249$ | 31,940 | 1.09 | $2,443,901$ | 30,523 | 1.25 |


| 182,323 | 5,625 | 3.09 | 139,499 | 6,556 | 4.70 | 171,409 | 8,455 | 4.93 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 20,986 | 472 | 2.25 | 25,107 | 637 | 2.54 | 20,011 | 552 | 2.76 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{lllllllll}116,557 & 12,226 & 10.49 & 118,879 & 12,558 & 10.56 & 107,501 & 8,283 & 7.71\end{array}$
$\begin{array}{lllllllll}9,087,852 & 209,276 & 2.30 & 9,077,280 & 231,187 & 2.55 & 8,084,560 & 237,255 & 2.93\end{array}$

| 24,669 | 106 | .43 | 16,393 | 82 | .50 | 10,690 | 55 | .51 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $1,174,589$ | 21,119 | 1.80 | 892,624 | 19,174 | 2.15 | 768,904 | 13,455 | 1.75 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 155,885 | 387 | .25 | 135,319 | 339 | .25 | 194,176 | 487 | .25 |

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Interest earning
deposits with banks
Total interest earning assets
Allowance for loan losses
Unrealized gain on investment securities
Cash and due from banks
Land, buildings and equipment - net
Other assets 383,739
Total assets \$21,873,984
378,642
LIABILITIES AND
EQUITY
Interest bearing
deposits:

| Savings | $\$ 625,517$ | 766 | .12 | $\$ 574,336$ | 802 | .14 | $\$ 525,371$ | 852 | .16 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Interest checking and | $9,059,524$ | 13,589 | .15 | $8,430,559$ | 17,880 | .21 | $7,702,901$ | 25,004 | .32 |
| money market |  |  |  |  |  |  |  |  |  |
| Time open \& C.D.'s of 1,034,991 | 6,002 | .58 | $1,117,236$ | 7,918 | .71 | $1,291,165$ | 11,352 | .88 |  |
| less than $\$ 100,000$ |  |  |  |  |  |  |  |  |  |
| Time open \& C.D.'s of <br> 1,380,00 | 6,383 | .46 | $1,181,426$ | 7,174 | .61 | $1,409,740$ | 9,272 | .66 |  |
| $\$ 100,000$ and over <br> Total interest bearing <br> deposits | $12,100,035$ | 26,740 | .22 | $11,303,557$ | 33,774 | .30 | $10,929,177$ | 46,480 | .43 |

Borrowings:
Federal funds
purchased and
$\begin{array}{lllllllllll}\text { securities sold under } & 1,294,691 & 809 & .06 & 1,185,978 & 808 & .07 & 1,035,007 & 1,741 & .17\end{array}$
agreements to
repurchase
$\left.\begin{array}{lllllllllll}\text { Other borrowings } & 103,901 & 3,364 & 3.24 & 108,916 & 3,481 & 3.20 & 112,107 & 3,680 & 3.28 \\ \text { Total borrowings } & 1,398,592 & 4,173 & .30 & 1,294,894 & 4,289 & .33 & 1,147,114 & 5,421 & .47 & \\ \text { Total interest bearing } & 13,498,627 & 30,913 & .23 & \% & 12,598,451 & 38,063 & .30 & \% & 12,076,291 & 51,901\end{array}\right) .43 \quad \%$
equity
Net interest margin
(T/E)
Net yield on interest earning assets
Percentage increase \$645,906
\$665,214
\$669,515
(decrease) in net interest margin (T/E)
compared to the prior

| $3.11 \%$ | $3.41 \%$ | $3.65 \%$ |
| :--- | :--- | :--- |
| $(2.90) \%$ | $(.64) \%$ | $.51 \%$ |

year
Loans on non-accrual status are included in the computation of average balances. Included in interest income (A) above are loan fees and late charges, net of amortization of deferred loan origination fees and costs, which are immaterial. Credit card income from merchant discounts and net interchange fees are not included in loan income. Interest income and yields are presented on a fully-taxable equivalent basis using the Federal statutory income tax (B) rate. Loan interest income includes tax free loan income (categorized as business loan income) which includes tax equivalent adjustments of $\$ 6,673,000$ in 2013, $\$ 5,803,000$ in $2012, \$ 5,538,000$ in 2011, $\$ 4,620,000$ in 2010, $\$ 3,922,000$ in 2009 and

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Years Ended December 31
2010
2009
2008

| Average |  |  |  | Average |
| :---: | :---: | :---: | :---: | :---: |
|  | Interest Average Average | Interest Average Average | Interest Average | Balance <br> Five Year |
| Balance | Income/Ex Renses $\begin{gathered}\text { Ratsed } \\ \text { Earned }\end{gathered}$ | Income/Expanse $\begin{gathered}\text { Ratese } \\ \text { Earned/Paid }\end{gathered}$ | Income/Ex RentesEarnedInd | Compound |
|  |  |  |  | Growth |
|  |  |  |  | Rate |

$\left.\begin{array}{lllllllllllll}\$ 2,887,427 & \$ 110,792 & 3.84 & \% & \$ 3,119,778 & \$ 116,686 & 3.74 & \% & \$ 3,478,927 & \$ 170,620 & 4.90 & \% & (.65\end{array}\right) \%$

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| 1,085,121 | 2,584 | . 24 |  | 968,643 | 3,699 | . 38 |  | 1,373,625 | 25,085 | 1.83 |  | (1.18 | ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 452,810 | 14,948 | 3.30 |  | 920,467 | 31,527 | 3.43 |  | 1,092,746 | 37,905 | 3.47 |  | (37.54 | ) |
| 1,537,931 | 17,532 | 1.14 |  | 1,889,110 | 35,226 | 1.86 |  | 2,466,371 | 62,990 | 2.55 |  | (10.73 | ) |
| 11,786,236 | 83,548 | . 71 | \% | 12,050,106 | 154,010 | 1.28 | \% | 11,769,647 | 257,110 | 2.18 | \% | 2.78 |  |
| 4,114,664 |  |  |  | 3,660,166 |  |  |  | 2,946,534 |  |  |  | 15.13 |  |
| 346,312 |  |  |  | 176,676 |  |  |  | 140,333 |  |  |  | 11.06 |  |
| 1,988,787 |  |  |  | 1,732,255 |  |  |  | 1,597,819 |  |  |  | 6.38 |  |
| \$18,235,999 |  |  |  | \$17,619,203 |  |  |  | \$ 16,454,333 |  |  |  | 5.86 | \% |
|  | \$ 666,143 |  |  |  | \$ 654,203 |  |  |  | \$ 608,647 |  |  |  |  |
|  |  | 3.89 | \% |  |  | 3.93 | \% |  |  | 3.96 | \% |  |  |
|  |  | 1.83 | \% |  |  | 7.48 | \% |  |  | 9.85 | \% |  |  |

$\$ 3,553,000$ in 2008. Investment securities interest income include tax equivalent adjustments of $\$ 19,861,000$ in 2013, $\$ 19,505,000$ in 2012, $\$ 17,907,000$ in 2011, $\$ 15,593,000$ in 2010, $\$ 14,779,000$ in 2009 and $\$ 12,355,000$ in 2008.
These adjustments relate to state and municipal obligations, other marketable securities, trading securities, and non-marketable securities.
(C) In December 2008, the Company purchased $\$ 358,451,000$ of student loans with the intent to hold to maturity. In October 2010, the seller elected to repurchase the loans under the terms of the original agreement.

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QUARTERLY AVERAGE BALANCE SHEETS - AVERAGE RATES AND YIELDS
Year ended December 31, 2013


ASSETS

| Loans: |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business ${ }^{(A)}$ | \$3,635 | 3.04 | \% | \$3,415 | 2.96 | \% | \$3,253 | 3.07 | \% | \$3,157 | 3.17 | \% |
| Real estate - construction and land | 391 | 3.98 |  | 399 | 4.07 |  | 373 | 3.94 |  | 352 | 3.87 |  |
| Real estate - business | 2,300 | 4.02 |  | 2,257 | 4.12 |  | 2,217 | 4.14 |  | 2,230 | 4.17 |  |
| Real estate - personal | 1,783 | 3.80 |  | 1,729 | 3.83 |  | 1,665 | 3.97 |  | 1,600 | 4.08 |  |
| Consumer | 1,500 | 4.52 |  | 1,472 | 4.53 |  | 1,431 | 4.69 |  | 1,343 | 5.03 |  |
| Revolving home equity | 421 | 3.88 |  | 422 | 3.94 |  | 426 | 3.96 |  | 429 | 4.08 |  |
| Consumer credit card | 760 | 11.20 |  | 753 | 11.33 |  | 742 | 11.20 |  | 755 | 11.38 |  |
| Overdrafts | 7 | - |  | 6 | - |  | 6 | - |  | 5 | - |  |
| Total loans | 10,797 | 4.22 |  | 10,453 | 4.26 |  | 10,113 | 4.34 |  | 9,871 | 4.49 |  |
| Loans held for sale Investment securities: | - | - |  | - | - |  | 9 | 4.05 |  | 9 | 3.79 |  |
| U.S. government \& federal agency obligations | 405 | 1.12 |  | 402 | 3.04 |  | 400 | 5.15 |  | 398 | (. 59 | ) |
| Government-sponsored enterprise obligations | 663 | 1.63 |  | 427 | 1.74 |  | 439 | 1.74 |  | 469 | 1.86 |  |
| State \& municipal obligations ${ }^{(\mathrm{A})}$ | 1,629 | 3.53 |  | 1,605 | 3.54 |  | 1,634 | 3.61 |  | 1,603 | 3.79 |  |
| Mortgage-backed securities | 2,944 | 2.78 |  | 3,028 | 2.86 |  | 3,273 | 2.77 |  | 3,514 | 2.59 |  |
| Asset-backed securities | 2,844 | . 87 |  | 3,000 | . 87 |  | 3,200 | . 91 |  | 3,207 | . 93 |  |
| Other marketable securities ${ }^{(A)}$ | 168 | 3.25 |  | 180 | 2.92 |  | 188 | 2.97 |  | 194 | 3.21 |  |
| Trading securities ${ }^{(A)}$ | 18 | 2.44 |  | 16 | 2.41 |  | 22 | 2.40 |  | 28 | 1.90 |  |
| Non-marketable securities ${ }^{(A)}$ | 114 | 11.65 |  | 114 | 7.10 |  | 119 | 16.92 |  | 119 | 6.20 |  |
| Total investment securities | 8,785 | 2.26 |  | 8,772 | 2.31 |  | 9,275 | 2.52 |  | 9,532 | 2.12 |  |
| Short-term federal funds sold and securities purchased under agreements to resell | 35 | . 39 |  | 32 | . 44 |  | 23 | . 48 |  | 9 | . 42 |  |
| Long-term securities purchased under agreements to resell | 1,150 | 1.51 |  | 1,170 | 1.73 |  | 1,200 | 1.94 |  | 1,178 | 2.01 |  |
| Interest earning deposits with banks | 260 | . 25 |  | 115 | . 24 |  | 117 | . 26 |  | 130 | . 24 |  |
| Total interest earning assets | 21,027 | 3.20 |  | 20,542 | 3.25 |  | 20,737 | 3.36 |  | 20,729 | 3.23 |  |
| Allowance for loan losses | (163 | ) |  | (165 | ) |  | (167 | ) |  | (172 | ) |  |
| Unrealized gain on | 89 |  |  | 60 |  |  | 229 |  |  | 256 |  |  |


| Cash and due from banks | 404 |  |  | 384 |  |  | 366 |  |  | 376 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land, buildings and equipment - net | 353 |  |  | 357 |  |  | 359 |  |  | 361 |  |  |
| Other assets | 389 |  |  | 374 |  |  | 397 |  |  | 375 |  |  |
| Total assets | \$22,099 |  |  | \$21,552 |  |  | \$21,921 |  |  | \$21,925 |  |  |
| LIABILITIES AND EQUITY |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |
| Savings | \$628 | . 12 |  | \$631 | . 14 |  | \$640 | . 11 |  | \$604 | . 12 |  |
| Interest checking and money market | 9,199 | . 14 |  | 8,964 | . 15 |  | 8,933 | . 14 |  | 9,142 | . 17 |  |
| Time open \& C.D.'s under \$100,000 | 998 | . 48 |  | 1,021 | . 54 |  | 1,053 | . 63 |  | 1,069 | . 66 |  |
| Time open \& C.D.'s $\$ 100,000$ \& over | 1,287 | . 46 |  | 1,432 | . 43 |  | 1,464 | . 46 |  | 1,337 | . 52 |  |
| Total interest bearing deposits | 12,112 | . 20 |  | 12,048 | . 21 |  | 12,090 | . 22 |  | 12,152 | . 25 |  |
| Borrowings: |  |  |  |  |  |  |  |  |  |  |  |  |
| Federal funds purchased and securities sold under agreements to repurchase | 1,186 | . 05 |  | 1,248 | . 05 |  | 1,544 | . 07 |  | 1,201 | . 07 |  |
| Other borrowings | 106 | 3.27 |  | 104 | 3.27 |  | 103 | 3.23 |  | 103 | 3.19 |  |
| Total borrowings | 1,292 | . 31 |  | 1,352 | . 30 |  | 1,647 | . 27 |  | 1,304 | . 32 |  |
| Total interest bearing liabilities | 13,404 | . 22 | \% | 13,400 | . 22 | \% | 13,737 | . 23 | \% | 13,456 | . 25 | \% |
| Non-interest bearing deposits | 6,271 |  |  | 5,873 |  |  | 5,768 |  |  | 5,929 |  |  |
| Other liabilities | 210 |  |  | 145 |  |  | 229 |  |  | 366 |  |  |
| Equity | 2,214 |  |  | 2,134 |  |  | 2,187 |  |  | 2,174 |  |  |
| Total liabilities and equity | \$22,099 |  |  | \$21,552 |  |  | \$21,921 |  |  | \$21,925 |  |  |
| Net interest margin (T/E) | \$162 |  |  | \$161 |  |  | \$166 |  |  | \$157 |  |  |
| Net yield on interest earning assets |  | 3.06 | \% |  | 3.11 | \% |  | 3.21 | \% |  | 3.07 | \% |

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| (Dollars in millions) | Year ended December 31, 2012 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fourth Quarter |  |  | Third Quarter |  |  | Second Quarter |  |  | First Quarter |  |
|  | Average Balance | Average Rates Earned/Paid |  | Average Balance | Average Rates Earned/Paid |  | Average Balance | Average Rates Earned/Paid |  | Average Balance | Average Rates Earned/Paid |
| ASSETS |  |  |  |  |  |  |  |  |  |  |  |
| Loans: |  |  |  |  |  |  |  |  |  |  |  |
| Business ${ }^{(A)}$ | \$3,042 | 3.29 | \% | \$3,019 | 3.39 | \% | \$2,895 | 3.58 | \% | \$2,894 | 3.52 \% |
| Real estate - construction and land | 346 | 4.11 |  | 340 | 4.30 |  | 360 | 4.24 |  | 380 | 4.34 |
| Real estate - business | 2,200 | 4.33 |  | 2,183 | 4.39 |  | 2,206 | 4.71 |  | 2,185 | 4.57 |
| Real estate - personal | 1,572 | 4.15 |  | 1,523 | 4.31 |  | 1,476 | 4.46 |  | 1,441 | 4.58 |
| Consumer | 1,273 | 5.35 |  | 1,205 | 5.54 |  | 1,135 | 5.73 |  | 1,108 | 5.93 |
| Revolving home equity | 436 | 4.13 |  | 444 | 4.17 |  | 449 | 4.17 |  | 455 | 4.18 |
| Consumer credit card | 749 | 11.42 |  | 730 | 11.83 |  | 713 | 11.87 |  | 731 | 11.78 |
| Overdrafts | 6 | - |  | 5 | - |  | 6 | - |  | 8 | - |
| Total loans | 9,624 | 4.64 |  | 9,449 | 4.76 |  | 9,240 | 4.95 |  | 9,202 | 4.95 |
| Loans held for sale | 9 | 3.74 |  | 9 | 3.86 |  | 9 | 3.91 |  | 12 | 3.48 |
| Investment securities: |  |  |  |  |  |  |  |  |  |  |  |
| U.S. government \& federal agency obligations | 341 | 5.11 |  | 329 | (. 07 | ) | 331 | 7.58 |  | 328 | 2.08 |
| Government-sponsored enterprise obligations | 400 | 1.72 |  | 276 | 1.65 |  | 265 | 2.06 |  | 283 | 2.01 |
| State \& municipal obligations ${ }^{(\mathrm{A})}$ | 1,532 | 3.67 |  | 1,388 | 3.89 |  | 1,323 | 4.03 |  | 1,263 | 4.17 |
| Mortgage-backed securities | 3,448 | 2.79 |  | 3,767 | 2.62 |  | 4,010 | 2.89 |  | 4,191 | 2.85 |
| Asset-backed securities | 3,158 | . 99 |  | 2,879 | 1.10 |  | 2,900 | 1.13 |  | 2,762 | 1.16 |
| Other marketable securities ${ }^{(A)}$ | 138 | 5.35 |  | 122 | 4.50 |  | 136 | 4.92 |  | 163 | 4.11 |
| Trading securities ${ }^{(A)}$ | 21 | 2.01 |  | 24 | 2.34 |  | 23 | 2.65 |  | 33 | 2.95 |
| Non-marketable securities ${ }^{(A)}$ | 119 | 17.51 |  | 117 | 7.54 |  | 123 | 8.60 |  | 117 | 8.55 |
| Total investment securities | 9,157 | 2.59 |  | 8,902 | 2.29 |  | 9,111 | 2.75 |  | 9,140 | 2.56 |
| Short-term federal funds sold and securities purchased under agreements to resell | 10 | . 46 |  | 19 | . 49 |  | 22 | . 53 |  | 14 | . 50 |
| Long-term securities purchased under agreements to resell | 1,022 | 2.10 |  | 848 | 2.31 |  | 850 | 2.17 |  | 850 | 2.02 |
| Interest earning deposits with banks | 209 | . 25 |  | 81 | . 20 |  | 163 | . 28 |  | 88 | . 25 |
| Total interest earning assets | 20,031 | 3.52 |  | 19,308 | 3.49 |  | 19,395 | 3.75 |  | 19,306 | 3.66 |
| Allowance for loan losses | (174 | ) |  | (177 | ) |  | (181 | ) |  | (184 | ) |
| Unrealized gain on | 282 |  |  | 275 |  |  | 243 |  |  | 230 |  |


| Cash and due from banks | 385 |  |  | 366 |  |  | 358 |  |  | 367 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land, buildings and equipment - net | 359 |  |  | 353 |  |  | 356 |  |  | 361 |  |  |
| Other assets | 382 |  |  | 392 |  |  | 378 |  |  | 387 |  |  |
| Total assets | \$21,265 |  |  | \$20,517 |  |  | \$20,549 |  |  | \$20,467 |  |  |
| LIABILITIES AND |  |  |  |  |  |  |  |  |  |  |  |  |
| EQUITY |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest bearing deposits: |  |  |  |  |  |  |  |  |  |  |  |  |
| Savings | \$581 | . 13 |  | \$582 | . 15 |  | \$584 | . 12 |  | \$550 | . 15 |  |
| Interest checking and money market | 8,638 | . 19 |  | 8,401 | . 21 |  | 8,369 | . 21 |  | 8,312 | . 24 |  |
| Time open \& C.D.'s under \$100,000 | 1,084 | . 68 |  | 1,101 | . 70 |  | 1,129 | . 71 |  | 1,156 | . 73 |  |
| Time open \& C.D.'s \$100,000 \& over | 1,030 | . 65 |  | 1,005 | . 69 |  | 1,250 | . 59 |  | 1,444 | . 53 |  |
| Total interest bearing deposits | 11,333 | . 28 |  | 11,089 | . 30 |  | 11,332 | . 30 |  | 11,462 | . 32 |  |
| Borrowings: |  |  |  |  |  |  |  |  |  |  |  |  |
| Federal funds purchased and securities sold under agreements to repurchase | 1,130 | . 07 |  | 1,217 | . 07 |  | 1,110 | . 06 |  | 1,287 | . 07 |  |
| Other borrowings | 104 | 3.25 |  | 109 | 3.11 |  | 111 | 3.16 |  | 112 | 3.26 |  |
| Total borrowings | 1,234 | . 33 |  | 1,326 | . 32 |  | 1,221 | . 35 |  | 1,399 | . 33 |  |
| Total interest bearing liabilities | 12,567 | . 28 | \% | 12,415 | . 30 | \% | 12,553 | . 30 | \% | 12,861 | . 32 | \% |
| Non-interest bearing deposits | 6,013 |  |  | 5,536 |  |  | 5,405 |  |  | 5,132 |  |  |
| Other liabilities | 399 |  |  | 296 |  |  | 368 |  |  | 276 |  |  |
| Equity | 2,286 |  |  | 2,270 |  |  | 2,223 |  |  | 2,198 |  |  |
| Total liabilities and equity | \$21,265 |  |  | \$20,517 |  |  | \$20,549 |  |  | \$20,467 |  |  |
| Net interest margin (T/E) | \$168 |  |  | \$160 |  |  | \$171 |  |  | \$166 |  |  |
| Net yield on interest earning assets |  | 3.35 | \% |  | 3.30 | \% |  | 3.55 | \% |  | 3.45 | \% |

[^1]
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Item 7a. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK
The information required by this item is set forth on pages 42 through 44 of Management's Discussion and Analysis of Financial Condition and Results of Operations.

## Item 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

## The Board of Directors and Stockholders

Commerce Bancshares, Inc.:
We have audited the accompanying consolidated balance sheets of Commerce Bancshares, Inc. and subsidiaries (the Company) as of December 31, 2013 and 2012, and the related consolidated statements of income, comprehensive income, cash flows, and changes in equity for each of the years in the three-year period ended December 31, 2013. These consolidated financial statements are the responsibility of the Company'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 the standards of the Public Company Accounting Oversight Board (United States). 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 Commerce Bancshares, Inc. and subsidiaries as of December 31, 2013 and 2012, and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2013, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Company's internal control over financial reporting as of December 31, 2013, based on criteria established in Internal Control - Integrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 24, 2014 expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

Kansas City, Missouri

February 24, 2014

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Commerce Bancshares, Inc. and Subsidiaries
CONSOLIDATED BALANCE SHEETS

## ASSETS

Loans
Allowance for loan losses
Net loans
Loans held for sale
December 31
20132012
(In thousands)

Investment securities:
Available for sale ( $\$ 687,680,000$ and $\$ 736,183,000$ pledged in 2013 and 2012, respectively, to secure swap and repurchase agreements)
Trading
Non-marketable
Total investment securities
Short-term federal funds sold and securities purchased under agreements to resell
Long-term securities purchased under agreements to resell
$\begin{array}{lll}\$ 10,956,836 & \$ 9,831,384 \\ (161,532 & )(172,532 \\ 10,795,304 & 9,658,852 \\ - & 8,827\end{array}$

Interest earning deposits with banks
Cash and due from banks
Land, buildings and equipment - net
Goodwill
Other intangible assets - net
Other assets

| $8,915,680$ | $9,522,248$ |
| :--- | :--- |
| 19,993 | 28,837 |
| 107,324 | 118,650 |

Total assets
107,324 118,650
9,042,997 9,669,735
43,845 27,595
1,150,000 1,200,000
707,249 179,164
518,420 573,066
349,654 357,612
138,921 125,585
9,268 5,300
316,378 353,853
LIABILITIES AND STOCKHOLDERS' EQUITY
Deposits:
Non-interest bearing
\$6,750,674 \$6,299,903
Savings, interest checking and money market
Time open and C.D.'s of less than $\$ 100,000$
Time open and C.D.'s of $\$ 100,000$ and over
Total deposits
Federal funds purchased and securities sold under agreements to repurchase
Other borrowings
Other liabilities
Total liabilities
10,108,236 9,817,943
983,689 1,074,618
1,204,749 1,156,189
19,047,348 18,348,653
1,346,558 1,083,550
107,310 103,710
356,423 452,102
Commerce Bancshares, Inc. stockholders' equity:
Preferred stock, \$1 par value
Authorized and unissued 2,000,000 shares
Common stock, $\$ 5$ par value
Authorized 100,000,000 shares; issued 96,244,762 and 91,729,235 shares in 2013 481,224 458,646
and 2012, respectively
Capital surplus $\quad 1,279,948 \quad 1,102,507$
Retained earnings 449,836 477,210
Treasury stock of 235,986 and 196,922 shares in 2013 and 2012, respectively, at cost
Accumulated other comprehensive income
Total Commerce Bancshares, Inc. stockholders' equity
Non-controlling interest
(10,097 ) (7,580

Total equity
9,731 136,344

2,210,642 2,167,127
3,755 4,447
2,214,397 2,171,574

Total liabilities and equity
\$23,072,036 \$22,159,589
See accompanying notes to consolidated financial statements.
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Commerce Bancshares, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF INCOME
(In thousands, except per share data)
INTEREST INCOME
Interest and fees on loans \$439,082 \$446,331 \$463,511
Interest on loans held for sale
Interest on investment securities
Interest on short-term federal funds sold and securities purchased under agreements to resell
Interest on long-term securities purchased under agreements to resell
Interest on deposits with banks
Total interest income
For the Years Ended December 31

INTEREST EXPENSE
Interest on deposits:

| Savings, interest checking and money market | 14,355 | 18,682 | 25,856 |
| :--- | :--- | :--- | :--- |
| Time open and C.D.'s of less than $\$ 100,000$ | 6,002 | 7,918 | 11,352 |
| Time open and C.D.'s of $\$ 100,000$ and over | 6,383 | 7,174 | 9,272 |
| Interest on federal funds purchased and securities sold under agreements to | 809 | 808 | 1,741 |

repurchase
$\begin{array}{llll}\text { Interest on other borrowings } & 3,364 & 3,481 & 3,680\end{array}$
Total interest expense
Net interest income
Provision for loan losses
Net interest income after provision for loan losses
30,913 38,063 51,901
619,372 639,906 646,070
20,353 27,287 51,515
NON-INTEREST INCOME
$\begin{array}{llll}\text { Bank card transaction fees } & 166,627 & 154,197 & 157,077\end{array}$
Trust fees
Deposit account charges and other fees
Capital market fees
Consumer brokerage services
Loan fees and sales
Other
Total non-interest income
INVESTMENT SECURITIES GAINS (LOSSES), NET
Change in fair value of other-than-temporary impairment securities
Portion recognized in other comprehensive income
Net impairment losses recognized in earnings
Realized gains (losses) on sales and fair value adjustments
Investment securities gains (losses), net
102,529 94,679 88,313
79,017 79,485 82,651
$14,133 \quad 21,066 \quad 19,846$
$11,006 \quad 10,162 \quad 10,018$
5,865 6,037 7,580
39,209 $\quad 34,004 \quad 27,432$
418,386 399,630 392,917

NON-INTEREST EXPENSE
Salaries and employee benefits
Net occupancy
Equipment
Supplies and communication
Data processing and software
Marketing
Deposit insurance
Debit overdraft litigation

| 278 | 11,223 | 2,190 |
| :--- | :--- | :---: |
| $(1,562$ | $)(12,713$ | $)(4,727$ |
| $(1,284$ | $)(1,490$ | $)(2,537$ |
| $(3,141$ | $) 6,318$ | 13,349 |
| $(4,425$ | $) 4,828$ | 10,812 |
|  |  |  |
| 366,867 | 360,899 | 345,325 |
| 45,639 | 45,534 | 46,434 |
| 18,425 | 20,147 | 22,252 |
| 22,511 | 22,321 | 22,448 |
| 78,245 | 73,798 | 68,103 |
| 14,176 | 15,106 | 16,767 |
| 11,167 | 10,438 | 13,123 |
| - | - | 18,300 |


| Other | 72,603 | 70,226 | 64,497 |
| :--- | :--- | :--- | :--- |
| Total non-interest expense | 629,633 | 618,469 | 617,249 |
| Income before income taxes | 383,347 | 398,608 | 381,035 |
| Less income taxes | 122,230 | 127,169 | 121,412 |
| Net income | 261,117 | 271,439 | 259,623 |
| Less non-controlling interest expense | 156 | 2,110 | 3,280 |
| NET INCOME ATTRIBUTABLE TO COMMERCE BANCSHARES, | $\$ 260,961$ | $\$ 269,329$ | $\$ 256,343$ |
| INC. | $\$ 2.73$ | $\$ 2.77$ | $\$ 2.57$ |
| Net income per common share - basic | $\$ 2.72$ | $\$ 2.76$ | $\$ 2.56$ |
| Net income per common share - diluted |  |  |  |
| See accompanying notes to consolidated financial statements. |  |  |  |

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Commerce Bancshares, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

| (In thousands) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- |
| Net income | $\$ 261,117$ | $\$ 271,439$ | $\$ 259,623$ |
| Other comprehensive income (loss): <br> Net unrealized gains on securities for which a portion of an <br> other-than-temporary impairment has been recorded in <br> earnings | 958 | 7,566 | 3,214 |
| Net unrealized gains (losses) on other securities | $(138,960$ | $) 24,126$ | 48,287 |
| Change in pension loss | 11,389 | $(5,886$ | $)(4,308$ |
| Other comprehensive income (loss) | $(126,613$ | $) 25,806$ | 47,193 |
| Comprehensive income | 134,504 | 297,245 | 306,816 |
| Less non-controlling interest expense | 156 | 2,110 | 3,280 |
| Comprehensive income attributable to Commerce | $\$ 134,348$ | $\$ 295,135$ | $\$ 303,536$ |
| Bancshares, Inc. |  |  |  |

See accompanying notes to consolidated financial statements.

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Commerce Bancshares, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF CASH FLOWS
(In thousands)
OPERATING ACTIVITIES
Net income
Adjustments to reconcile net income to net cash provided by operating activities:
Provision for loan losses
Provision for depreciation and amortization
Amortization of investment security premiums, net
Deferred income tax (benefit) expense
Investment securities (gains) losses, net
Net gains on sales of loans held for sale
Proceeds from sales of loans held for sale
Originations of loans held for sale
Net (increase) decrease in trading securities
For the Years Ended December 31

| 2013 | 2012 | 2011 |
| :--- | :--- | :--- |
| $\$ 261,117$ | $\$ 271,439$ | $\$ 259,623$ |

Stock-based compensation
(Increase) decrease in interest receivable
Decrease in interest payable
Increase (decrease) in income taxes payable
Net tax benefit related to equity compensation plans
Other changes, net
Net cash provided by operating activities
INVESTING ACTIVITIES
Cash and cash equivalents received in acquisition
Proceeds from sales of investment securities
Proceeds from maturities/pay downs of investment securities
Purchases of investment securities
Net (increase) decrease in loans
Long-term securities purchased under agreements to resell
Repayments of long-term securities purchased under agreements to resell
Purchases of land, buildings and equipment
20,353
27,287
51,515
41,944 43,448 46,743
30,419 $\quad 36,238 \quad 18,972$
9,201 $\quad 16,234 \quad(2,836)$
$\begin{array}{lll}4,425 & (4,828 & )(10,812 \\ - & (376 & )(2,040)\end{array}$

- 22,720 87,732
-     - (52,995 )

| 1,358 | $(9,645$ | $) 2,354$ |  |
| :--- | :--- | :--- | :--- |
| 6,427 | 5,001 | 4,731 |  |
| 3,234 | 3,149 | $(2,010$ | $)$ |
| $(1,569$ | $)(1,272$ | $)(4,598$ | $)$ |
| $(1,663$ | $)(13,395$ | $) 14,519$ |  |
| $(1,003$ | $)(2,094$ | $)(1,065$ | $)$ |
| $(13,310$ | $)(10,794$ | $)(2,472$ | $)$ |
| 360,933 | 383,112 | 407,361 |  |

Sales of land, buildings and equipment
Net cash used in investing activities

| 47,643 | - | - |  |
| :--- | :--- | :--- | :--- |
| 16,299 | 16,875 | 19,833 |  |
| $2,542,123$ | $3,080,664$ | $2,562,551$ |  |
| $(2,411,153$ | $)(3,182,857$ | $)(4,517,463$ | $)$ |
| $(938,223$ | $)(693,193$ | $) 168,983$ |  |
| $(125,000$ | $)(575,000$ | $)(500,000$ | $)$ |
| 175,000 | 225,000 | 100,000 |  |
| $(23,841$ | $)(34,969$ | $)(21,332$ | $)$ |
| 3,492 | 2,643 | 2,593 |  |
| $(713,660$ | $)(1,160,837$ | $)(2,184,835$ | $)$ |

FINANCING ACTIVITIES
Net increase in non-interest bearing, savings, interest checking and money
market deposits
Net decrease in time open and C.D.'s
Repayment of long-term securities sold under agreements to repurchase
Net increase (decrease) in short-term federal funds purchased and
securities sold under agreements to repurchase
Repayment of other long-term borrowings
Net increase in short-term borrowings
Purchases of treasury stock
Issuance of stock under stock purchase and equity compensation plans
Net tax benefit related to equity compensation plans
Cash dividends paid on common stock
Net cash provided by financing activities

| 801,211 | $1,777,058$ | $1,981,201$ |  |
| :--- | :--- | :--- | :--- |
| $(82,013$ | $)(257,586$ | $)(255,769$ | $)$ |
| $(50,000$ | $)-$ | - |  |
| 313,008 | $(172,531$ | $) 273,254$ |  |
| $(1,578$ | $)(8,107$ | $)(456$ | $)$ |
| 2,000 | - | - |  |
| $(69,353$ | $)(104,909$ | $)(101,154$ | $)$ |
| 10,242 | 15,588 | 15,349 |  |
| 1,003 | 2,094 | 1,065 |  |
| $(82,104$ | $)(211,608$ | $)(79,140$ | $)$ |
| 842,416 | $1,039,999$ | $1,834,350$ |  |


| Increase in cash and cash equivalents | 489,689 | 262,274 | 56,876 |
| :--- | :--- | :--- | :--- |
| Cash and cash equivalents at beginning of year | 779,825 | 517,551 | 460,675 |
| Cash and cash equivalents at end of year | $\$ 1,269,514$ | $\$ 779,825$ | $\$ 517,551$ |
| Income tax payments, net | $\$ 114,336$ | $\$ 119,166$ | $\$ 106,653$ |
| Interest paid on deposits and borrowings | $\$ 32,432$ | $\$ 39,335$ | $\$ 56,499$ |
| Loans transferred to foreclosed real estate | $\$ 8,747$ | $\$ 8,167$ | $\$ 22,957$ |
| Loans transferred from held for sale to held for investment category | $\$ 8,941$ | $\$-$ | $\$-$ |

See accompanying notes to consolidated financial statements.

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Commerce Bancshares, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

Commerce Bancshares, Inc. Shareholders



Net tax benefit related to equity compensation plans
Stock-based compensation 6,427 6,427
Issuance under stock purchase
and equity compensation plans,
$(14,824) \quad 25,066$
10,242
net
$5 \%$ stock dividend, net $\left.\begin{array}{llllll}21,577 & 173,710 & (206,231) & 10,699 & (245\end{array}\right)$
Balance, December 31, $2013 \quad \$ 481,224$ \$1,279,948 \$449,836 \$(10,097)\$ 9,731 \$ 3,755 \$2,214,397
See accompanying notes to consolidated financial statements.

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Commerce Bancshares, Inc. and Subsidiaries
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## 1. Summary of Significant Accounting Policies

Nature of Operations
Commerce Bancshares, Inc. and its subsidiaries (the Company) conducts its principal activities from approximately 360 locations throughout Missouri, Illinois, Kansas, Oklahoma and Colorado. Principal activities include retail and commercial banking, investment management, securities brokerage, mortgage banking, credit related insurance and private equity investment activities.

## Basis of Presentation

The Company follows accounting principles generally accepted in the United States of America (GAAP) and reporting practices applicable to the banking industry. The preparation of financial statements under GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and notes. These estimates are based on information available to management at the time the estimates are made. While the consolidated financial statements reflect management's best estimates and judgments, actual results could differ from those estimates. The consolidated financial statements include the accounts of the Company and its majority-owned subsidiaries (after elimination of all material intercompany balances and transactions). Certain amounts for prior years have been reclassified to conform to the current year presentation. Such reclassifications had no effect on net income or total assets.

## Cash and Cash Equivalents

In the accompanying consolidated statements of cash flows, cash and cash equivalents include "Cash and due from banks", "Short-term federal funds sold and securities purchased under agreements to resell", and "Interest earning deposits with banks" as segregated in the accompanying consolidated balance sheets.

## Loans and Related Earnings

Loans that management has the intent and ability to hold for the foreseeable future or until maturity or pay-off are reported at their outstanding principal balances, net of undisbursed loan proceeds, the allowance for loan losses, and any deferred fees and costs on originated loans. Origination fee income received on loans and amounts representing the estimated direct costs of origination are deferred and amortized to interest income over the life of the loan using the interest method. Prepayment premium or yield maintenance agreements are generally required on all term commercial loans with fixed rate intervals of 3 years or more.

Interest on loans is accrued based upon the principal amount outstanding. Interest income is recognized primarily on the level yield method. Loan and commitment fees, net of costs, are deferred and recognized in income over the term of the loan or commitment as an adjustment of yield. Annual fees charged on credit card loans are capitalized to principal and amortized over 12 months to loan fees and sales. Other credit card fees, such as cash advance fees and late payment fees, are recognized in income as an adjustment of yield when charged to the cardholder's account.

## Non-Accrual Loans

Loans are placed on non-accrual status when management does not expect to collect payments consistent with acceptable and agreed upon terms of repayment. Business, construction real estate, business real estate, and personal real estate loans that are contractually 90 days past due as to principal and/or interest payments are generally placed on non-accrual, unless they are both well-secured and in the process of collection. Consumer, revolving home equity and credit card loans are exempt under regulatory rules from being classified as non-accrual. When a loan is placed on non-accrual status, any interest previously accrued but not collected is reversed against current income, and the loan is charged off to the extent uncollectible. Principal and interest payments received on non-accrual loans are generally applied to principal. Interest is included in income only after all previous loan charge-offs have been recovered and is
recorded only as received. The loan is returned to accrual status only when the borrower has brought all past due principal and interest payments current, and, in the opinion of management, the borrower has demonstrated the ability to make future payments of principal and interest as scheduled. A six month history of sustained payment performance is generally required before reinstatement of accrual status.

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Restructured Loans
A loan is accounted for as a troubled debt restructuring if the Company, for economic or legal reasons related to the borrowers' financial difficulties, grants a concession to the borrower that it would not otherwise consider. A troubled debt restructuring typically involves (1) modification of terms such as a reduction of the stated interest rate, loan principal, or accrued interest, (2) a loan renewal at a stated interest rate lower than the current market rate for a new loan with similar risk, or (3) debt that was not reaffirmed in bankruptcy. Business, business real estate, construction real estate and personal real estate troubled debt restructurings with impairment charges are placed on non-accrual status. The Company measures the impairment loss of a troubled debt restructuring in the same manner as described below. Troubled debt restructurings which are performing under their contractual terms continue to accrue interest which is recognized in current earnings.

## Impaired Loans

Loans are evaluated regularly by management for impairment. Included in impaired loans are all non-accrual loans, as well as loans that have been classified as troubled debt restructurings. Once a loan has been identified as impaired, impairment is measured based on either the present value of the expected future cash flows at the loan's initial effective interest rate or the fair value of the collateral if collateral dependent. Factors considered in determining impairment include delinquency status, cash flow analysis, credit analysis, and collateral value and availability.

## Loans Held for Sale

In prior periods, loans held for sale included student loans and certain fixed rate residential mortgage loans. These loans are typically classified as held for sale upon origination based upon management's intent to sell the production of these loans. They are carried at the lower of aggregate cost or fair value. Fair value is determined based on prevailing market prices for loans with similar characteristics, sale contract prices, or, for those portfolios for which management has concerns about contractual performance, discounted cash flow analyses. Declines in fair value below cost (and subsequent recoveries) are recognized in loan fees and sales. Deferred fees and costs related to these loans are not amortized but are recognized as part of the cost basis of the loan at the time it is sold. Gains or losses on sales are recognized upon delivery and included in loan fees and sales.

## Allowance/Provision for Loan Losses

The allowance for loan losses is maintained at a level believed to be appropriate by management to provide for probable loan losses inherent in the portfolio as of the balance sheet date, including losses on known or anticipated problem loans as well as for loans which are not currently known to require specific allowances. Management has established a process to determine the amount of the allowance for loan losses which assesses the risks and losses inherent in its portfolio. Business, construction real estate and business real estate loans are normally larger and more complex, and their collection rates are harder to predict. These loans are more likely to be collateral dependent and are allocated a larger reserve, due to their potential volatility. Personal real estate, credit card, consumer and revolving home equity loans are individually smaller and perform in a more homogenous manner, making loss estimates more predictable. Management's process provides an allowance consisting of a specific allowance component based on certain individually evaluated loans and a general component based on estimates of reserves needed for pools of loans.

Loans subject to individual evaluation generally consist of business, construction real estate, business real estate and personal real estate loans on non-accrual status. These impaired loans are evaluated individually for the impairment of repayment potential and collateral adequacy, and in conjunction with current economic conditions and loss experience, allowances are estimated. Other impaired loans identified as performing troubled debt restructurings are collectively evaluated because they have similar risk characteristics. Loans which have not been identified as impaired are segregated by loan type and sub-type and are collectively evaluated. Reserves calculated for these loan pools are estimated using a consistent methodology that considers historical loan loss experience by loan type, delinquencies, current economic factors, loan risk ratings and industry concentrations.

The Company's estimate of the allowance for loan losses and the corresponding provision for loan losses is based on various judgments and assumptions made by management. The amount of the allowance for loan losses is highly dependent on management's estimates affecting valuation, appraisal of collateral, evaluation of performance and status, and the amount and timing of future cash flows expected to be received on impaired loans. Factors that influence these judgments include past loan loss experience, current loan portfolio composition and characteristics, trends in portfolio risk ratings, levels of non-performing assets, prevailing regional and national economic conditions, and the Company's ongoing loan review process.

The estimates, appraisals, evaluations, and cash flows utilized by management may be subject to frequent adjustments due to changing economic prospects of borrowers or properties. These estimates are reviewed periodically and adjustments, if necessary, are recorded in the provision for loan losses in the periods in which they become known.

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Loans, or portions of loans, are charged off to the extent deemed uncollectible. Loan charge-offs reduce the allowance for loan losses, and recoveries of loans previously charged off are added back to the allowance. Business, business real estate, construction real estate and personal real estate loans are generally charged down to estimated collectible balances when they are placed on non-accrual status. Consumer loans and related accrued interest are normally charged down to the fair value of related collateral (or are charged off in full if no collateral) once the loans are more than 120 days delinquent. Credit card loans are charged off against the allowance for loan losses when the receivable is more than 180 days past due. The interest and fee income previously capitalized but not collected on credit card charge-offs is reversed against interest income.

## Operating, Direct Financing and Sales Type Leases

The net investment in direct financing and sales type leases is included in loans on the Company's consolidated balance sheets and consists of the present values of the sum of the future minimum lease payments and estimated residual value of the leased asset. Revenue consists of interest earned on the net investment and is recognized over the lease term as a constant percentage return thereon. The net investment in operating leases is included in other assets on the Company's consolidated balance sheets. It is carried at cost, less the amount depreciated to date. Depreciation is recognized, on the straight-line basis, over the lease term to the estimated residual value. Operating lease revenue consists of the contractual lease payments and is recognized over the lease term in other non-interest income. Estimated residual values are established at lease inception utilizing contract terms, past customer experience, and general market data and are reviewed and adjusted, if necessary, on an annual basis.

## Investments in Debt and Equity Securities

The Company has classified the majority of its investment portfolio as available for sale. From time to time, the Company sells securities and utilizes the proceeds to reduce borrowings, fund loan growth, or modify its interest rate profile. Securities classified as available for sale are carried at fair value. Changes in fair value, excluding certain losses associated with other-than-temporary impairment (OTTI), are reported in other comprehensive income (loss), a component of stockholders' equity. Securities are periodically evaluated for OTTI in accordance with guidance provided in ASC 320-10-35. For securities with OTTI, the entire loss in fair value is required to be recognized in current earnings if the Company intends to sell the securities or believes it likely that it will be required to sell the security before the anticipated recovery. If neither condition is met, but the Company does not expect to recover the amortized cost basis, the Company determines whether a credit loss has occurred, and the loss is then recognized in current earnings. The noncredit-related portion of the overall loss is reported in other comprehensive income (loss). Mortgage and asset-backed securities whose credit ratings are below AA at their purchase date are evaluated for OTTI under ASC 325-40-35, which requires evaluations for OTTI at purchase date and in subsequent periods. Gains and losses realized upon sales of securities are calculated using the specific identification method and are included in Investment securities gains (losses), net, in the consolidated statements of income. Premiums and discounts are amortized to interest income over the estimated lives of the securities. Prepayment experience is continually evaluated to determine the appropriate estimate of the future rate of prepayment. When a change in a bond's estimated remaining life is necessary, a corresponding adjustment is made in the related amortization of premium or discount accretion.

Non-marketable securities include certain private equity investments, consisting of both debt and equity instruments. These securities are carried at fair value in accordance with ASC 946-10-15, with changes in fair value reported in current earnings. In the absence of readily ascertainable market values, fair value is estimated using internally developed models. Changes in fair value and gains and losses from sales are included in Investment securities gains (losses), net in the consolidated statements of income. Other non-marketable securities acquired for debt and regulatory purposes are accounted for at cost.

Trading account securities, which are bought and held principally for the purpose of resale in the near term, are carried at fair value. Gains and losses, both realized and unrealized, are recorded in non-interest income.

Purchases and sales of securities are recognized on a trade date basis. A receivable or payable is recognized for pending transaction settlements.

Securities Purchased under Agreements to Resell and Securities Sold under Agreements to Repurchase The Company periodically enters into investments of securities under agreements to resell with large financial institutions. These agreements are accounted for as collateralized financing transactions. Securities pledged by the counterparties to secure these agreements are delivered to a third party custodian. Collateral is valued daily, and the Company may require counterparties to deposit additional collateral, or the Company may return collateral pledged when appropriate to maintain full collateralization for these transactions. At December 31, 2013, the Company had entered into $\$ 1.2$ billion of long-term agreements to resell and had accepted securities valued at $\$ 1.2$ billion as collateral.

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Securities sold under agreements to repurchase are offered to cash management customers as an automated, collateralized investment account and totaled $\$ 971.8$ million at December 31, 2013. Securities sold are also used by the Bank to obtain additional borrowed funds at favorable rates, and at December 31, 2013, such securities sold totaled $\$ 350.0$ million of long-term structured repurchase agreements. As of December 31, 2013, the Company had pledged $\$ 2.8$ billion of available for sale securities as collateral for repurchase agreements.

As permitted by current accounting guidance, the Company offsets certain securities purchased under agreements to resell against securities sold under agreements to repurchase in its balance sheet presentation. These agreements, which are not included in the balance sheet amounts above, are further discussed in Note 19, Balance Sheet Offsetting.

## Land, Buildings and Equipment

Land is stated at cost, and buildings and equipment are stated at cost, including capitalized interest when appropriate, less accumulated depreciation. Depreciation is computed using straight-line and accelerated methods. The Company generally assigns depreciable lives of 30 years for buildings, 10 years for building improvements, and 3 to 8 years for equipment. Leasehold improvements are amortized over the shorter of their estimated useful lives or remaining lease terms. Maintenance and repairs are charged to non-interest expense as incurred.

## Foreclosed Assets

Foreclosed assets consist of property that has been repossessed and is comprised of commercial and residential real estate and other non-real estate property, including auto and recreational and marine vehicles. The assets are initially recorded at the lower of the loan balance or fair value less estimated selling costs. Initial valuation adjustments are charged to the allowance for loan losses. Fair values are estimated primarily based on appraisals, third-party price opinions, or internally developed pricing models. After initial recognition, fair value estimates are updated periodically, and the assets may be marked down further, reflecting a new cost basis. These valuation adjustments, in addition to gains and losses realized on sales and net operating expenses, are recorded in other non-interest expense.

Intangible Assets
Goodwill and intangible assets that have indefinite useful lives are not amortized but are tested annually for impairment. Intangible assets that have finite useful lives, such as core deposit intangibles and mortgage servicing rights, are amortized over their estimated useful lives. Core deposit intangibles are amortized over periods of 8 to 14 years, representing their estimated lives, using accelerated methods. Mortgage servicing rights are amortized in proportion to and over the period of estimated net servicing income, considering appropriate prepayment assumptions.

When facts and circumstances indicate potential impairment of amortizable intangible assets, the Company evaluates the recoverability of the asset carrying value, using estimates of undiscounted future cash flows over the remaining asset life. Any impairment loss is measured by the excess of carrying value over fair value. Goodwill impairment tests are performed on an annual basis or when events or circumstances dictate. In these tests, the fair value of each reporting unit, or segment, is compared to the carrying amount of that reporting unit in order to determine if impairment is indicated. If so, the implied fair value of the reporting unit's goodwill is compared to its carrying amount, and the impairment loss is measured by the excess of the carrying value over fair value. There has been no impairment resulting from goodwill impairment tests. However, adverse changes in the economic environment, operations of the reporting unit, or other factors could result in a decline in the implied fair value.

## Income Taxes

Amounts provided for income tax expense are based on income reported for financial statement purposes and do not necessarily represent amounts currently payable under tax laws. Deferred income taxes are provided for temporary differences between the financial reporting bases and income tax bases of the Company's assets and liabilities, net operating losses, and tax credit carryforwards. Deferred tax assets and liabilities are measured using the enacted tax rates that are expected to apply to taxable income when such assets and liabilities are anticipated to be settled or
realized. The effect on deferred tax assets and liabilities of a change in tax rates is recognized as tax expense or benefit in the period that includes the enactment date of the change. In determining the amount of deferred tax assets to recognize in the financial statements, the Company evaluates the likelihood of realizing such benefits in future periods. A valuation allowance is established if it is more likely than not that all or some portion of the deferred tax asset will not be realized. The Company recognizes interest and penalties related to income taxes within income tax expense in the consolidated statements of income.

The Company and its eligible subsidiaries file a consolidated federal income tax return. State and local income tax returns are filed on a combined, consolidated or separate return basis based upon each jurisdiction's laws and regulations.

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Derivatives
As required by current accounting guidance, all derivatives are carried at fair value on the balance sheet. Accounting for changes in the fair value of derivatives (gains and losses) differs depending on whether a qualifying hedge relationship has been designated and on the type of hedge relationship. Derivatives used to hedge the exposure to change in the fair value of an asset, liability, or firm commitment attributable to a particular risk are considered fair value hedges. Under the fair value hedging model, gains or losses attributable to the change in fair value of the derivative, as well as gains and losses attributable to the change in fair value of the hedged item, are recognized in current earnings. Derivatives used to hedge the exposure to variability in expected future cash flows, or other types of forecasted transactions, are considered cash flow hedges. Under the cash flow hedging model, the effective portion of the gain or loss related to the derivative is recognized as a component of other comprehensive income and reclassified to earnings in the same period in which the hedged transaction affects earnings. The ineffective portion is recognized in current earnings. For derivatives that are not part of a hedging relationship, any gain or loss is recognized immediately in current earnings.

The Company formally documents all hedging relationships between hedging instruments and the hedged item, as well as its risk management objective. At December 31, 2013, the Company had two interest rate swaps designated as fair value hedges. The Company performs quarterly assessments, using the regression method, to determine whether the hedging relationship has been highly effective in offsetting changes in fair values.

Other derivatives held by the Company do not qualify for hedge accounting, and gains and losses on these derivatives, as mentioned above, are recognized in current earnings. These include interest rate swaps and caps, which are offered to customers to assist in managing their risks of adverse changes in interest rates. Each contract between the Company and a customer is offset by a contract between the Company and an institutional counterparty, thus minimizing the Company's exposure to rate changes. The Company also enters into certain contracts, known as credit risk participation agreements, to buy or sell credit protection on specific interest rate swaps. It also purchases and sells forward foreign exchange contracts, either in connection with customer transactions, or for its own trading purposes. In addition, in previous years the Company's general practice was to sell fixed rate mortgage loans in the secondary market. Both the mortgage loan commitments and the related sales contracts were accounted for as derivatives.

The Company has master netting arrangements with various counterparties but does not offset derivative assets and liabilities under these arrangements in its consolidated balance sheets.

Additional information about derivatives held by the Company and valuation methods employed is provided in Note 16, Fair Value Measurements and Note 18, Derivative Instruments.

## Pension Plan

The Company's pension plan is described in Note 10, Employee Benefit Plans. The funded status of the plan is recognized as an asset or liability in the consolidated balance sheet, and changes in that funded status are recognized in the year in which the changes occur through other comprehensive income. Plan assets and benefit obligations are measured as of fiscal year end. The measurement of the projected benefit obligation and pension expense involve actuarial valuation methods and the use of various actuarial and economic assumptions. The Company monitors the assumptions and updates them periodically. Due to the long-term nature of the pension plan obligation, actual results may differ significantly from estimations. Such differences are adjusted over time as the assumptions are replaced by facts and values are recalculated.

## Stock-Based Compensation

The Company's stock-based employee compensation plan is described in Note 11, Stock-Based Compensation and Directors Stock Purchase Plan. In accordance with the requirements of ASC 718-10-30-3 and 35-2, the Company measures the cost of stock-based compensation based on the grant-date fair value of the award, recognizing the cost
over the requisite service period. The fair value of an award is estimated using the Black-Scholes option-pricing model. The expense recognized is based on an estimation of the number of awards for which the requisite service is expected to be rendered and is included in salaries and employee benefits in the accompanying consolidated statements of income.

Treasury Stock
Purchases of the Company's common stock are recorded at cost. Upon re-issuance for acquisitions, exercises of stock-based awards or other corporate purposes, treasury stock is reduced based upon the average cost basis of shares held.

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Income per Share
Basic income per share is computed using the weighted average number of common shares outstanding during each year. Diluted income per share includes the effect of all dilutive potential common shares (primarily stock options and stock appreciation rights) outstanding during each year. The Company applies the two-class method of computing income per share. The two-class method is an earnings allocation formula that determines income per share for common stock and for participating securities, according to dividends declared and participation rights in undistributed earnings. The Company's restricted share awards are considered to be a class of participating security. All per share data has been restated to reflect the 5\% stock dividend distributed in December 2013.

## 2. Acquisition

On September 1, 2013, the Company acquired Summit Bancshares Inc. (Summit). Summit's results of operations are included in the Company's consolidated financial results beginning on that date. The transaction was accounted for using the acquisition method of accounting, and as such, assets acquired, liabilities assumed and consideration exchanged were recorded at their estimated fair value on the acquisition date. In this transaction, the Company acquired all of the outstanding stock of Summit in exchange for shares of Company stock valued at $\$ 43.2$ million. The valuation of Company stock was determined on the basis of the closing market price of the Company's common shares on August 30, 2013. The Company's acquisition of Summit added $\$ 261.6$ million in assets (including $\$ 207.4$ million in loans), $\$ 232.3$ million in deposits and two branch locations in Tulsa and Oklahoma City, Oklahoma. Intangible assets recognized as a result of the transaction consisted of approximately $\$ 13.3$ million in goodwill and $\$ 5.6$ million in core deposit premium. Most of the goodwill was assigned to the Company's Commercial segment. None of the goodwill recognized is deductible for income tax purposes.
The fair value of core deposit premium was estimated by a third party using an after-tax cost savings method. This methodology calculates the present value of the estimated after-tax cost savings attributable to the core deposit base, relative to alternative costs of funds and tax benefit, if applicable, over the expected remaining economic life of the depositors. Based on an estimation of the expected remaining economic life of the depositors, the core deposit premium is being amortized over a 14 year period, using an accelerated method.
Historical pro forma information for the acquisition has not been presented because the effect on the Company's financial statements was not material. Acquired loans with evidence of deterioration in credit quality were not material to the consolidated financial statements of the Company. Accordingly, the provisions of ASC 310-30, which require special accounting for such loans, were not applied.
On September 3, 2013, the Company granted nonvested restricted stock awards of 42,674 shares of Company stock to various former Summit officers, which are included in the activity shown in Note 11 on Stock-Based Compensation. These awards vest over periods of 3 to 4 years and the Company expects to recognize compensation expense of approximately $\$ 1.3$ million in future periods.

## 3. Loans and Allowance for Loan Losses

Major classifications within the Company's held to maturity loan portfolio at December 31, 2013 and 2012 are as follows:
(In thousands)

| 2013 | 2012 |
| :--- | :--- |
|  |  |
| $\$ 3,715,319$ | $\$ 3,134,801$ |
| 406,197 | 355,996 |
| $2,313,550$ | $2,214,975$ |
|  |  |
| $1,787,626$ | $1,584,859$ |
| $1,512,716$ | $1,289,650$ |
| 420,589 | 437,567 |
| 796,228 | 804,245 |

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Overdrafts 4,611

9,291
Total loans

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Loans to directors and executive officers of the Parent and its significant subsidiaries, and to their associates, are summarized as follows:
(In thousands)
Balance at January 1, $2013 \quad \$ 61,614$
Additions 257,690
Amounts collected $\quad(274,981$
Amounts written off
Balance, December 31, 2013
\$44,323
Management believes all loans to directors and executive officers have been made in the ordinary course of business with normal credit terms, including interest rate and collateral considerations, and do not represent more than a normal risk of collection. There were no outstanding loans at December 31, 2013 to principal holders (over $10 \%$ ownership) of the Company's common stock.

The Company's lending activity is generally centered in Missouri, Illinois, Kansas and other nearby states including Oklahoma, Colorado, Iowa, Ohio, and others. The Company maintains a diversified portfolio with limited industry concentrations of credit risk. Loans and loan commitments are extended under the Company's normal credit standards, controls, and monitoring features. Most loan commitments are short or intermediate term in nature. Commercial loan maturities generally range from three to seven years. Collateral is commonly required and would include such assets as marketable securities and cash equivalent assets, accounts receivable and inventory, equipment, other forms of personal property, and real estate. At December 31, 2013, unfunded loan commitments totaled $\$ 8.4$ billion (which included $\$ 3.8$ billion in unused approved lines of credit related to credit card loan agreements) which could be drawn by customers subject to certain review and terms of agreement. At December 31, 2013, loans totaling $\$ 3.6$ billion were pledged at the FHLB as collateral for borrowings and letters of credit obtained to secure public deposits. Additional loans of $\$ 1.4$ billion were pledged at the Federal Reserve Bank as collateral for discount window borrowings.

The Company has a net investment in direct financing and sales type leases of $\$ 368.8$ million and $\$ 311.6$ million at December 31, 2013 and 2012, respectively, which is included in business loans on the Company's consolidated balance sheets. This investment includes deferred income of $\$ 25.1$ million and $\$ 23.6$ million at December 31, 2013 and 2012, respectively. The net investment in operating leases amounted to $\$ 24.4$ million and $\$ 21.1$ million at December 31, 2013 and 2012, respectively, and is included in other assets on the Company's consolidated balance sheets.

Allowance for loan losses
A summary of the activity in the allowance for losses during the previous three years follows:
(In thousands)
Balance at December 31, 2010

| Commercial | Personal <br> Banking | Total |
| :--- | :--- | :--- |
| $\$ 119,946$ | $\$ 77,592$ | $\$ 197,538$ |
| 18,052 | 33,463 | 51,515 |
|  |  |  |
| 18,818 | 62,567 | 81,385 |
| 3,317 | 13,547 | 16,864 |
| 15,501 | 49,020 | 64,521 |
| 122,497 | 62,035 | 184,532 |
| $(14,444$ | $) 41,731$ | 27,287 |
|  |  |  |
| 11,094 | 52,067 | 63,161 |


| Less recoveries | 8,766 | 15,108 | 23,874 |
| :--- | :--- | ---: | :--- |
| Net loans charged off | 2,328 | 36,959 | 39,287 |
| Balance at December 31, 2012 | 105,725 | 66,807 | 172,532 |
| Provision for loan losses | $(16,143$ | $) 36,496$ | 20,353 |
| Deductions: |  |  |  |
| Loans charged off | 5,170 | 49,029 | 54,199 |
| Less recoveries | 9,777 | 13,069 | 22,846 |
| Net loans charged off (recoveries) | $(4,607$ | $) 35,960$ | 31,353 |
| Balance at December 31, 2013 | $\$ 94,189$ | $\$ 67,343$ | $\$ 161,532$ |

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The following table shows the balance in the allowance for loan losses and the related loan balance at December 31, 2013 and 2012, disaggregated on the basis of impairment methodology. Impaired loans evaluated under ASC 310-10-35 include loans on non-accrual status which are individually evaluated for impairment and other impaired loans deemed to have similar risk characteristics, which are collectively evaluated. All other loans are collectively evaluated for impairment under ASC 450-20.


Impaired loans
The table below shows the Company's investment in impaired loans at December 31, 2013 and 2012. These loans consist of all loans on non-accrual status and other restructured loans whose terms have been modified and classified as troubled debt restructurings under ASC 310-40. These restructured loans are performing in accordance with their modified terms, and because the Company believes it probable that all amounts due under the modified terms of the agreements will be collected, interest on these loans is being recognized on an accrual basis. They are discussed further in the "Troubled debt restructurings" section on page 71.
(In thousands)
$2013 \quad 2012$
Non-accrual loans \$48,814 \$51,410
$\begin{array}{lll}\text { Restructured loans (accruing) } & 58,822 & 65,508\end{array}$
$\begin{array}{ll}\text { Total impaired loans } & \$ 107,636 \quad \$ 116,918\end{array}$

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The following table provides additional information about impaired loans held by the Company at December 31, 2013 and 2012, segregated between loans for which an allowance for credit losses has been provided and loans for which no allowance has been provided.
(In thousands)
December 31, 2013
With no related allowance recorded:
Business
Real estate - construction and land
Real estate - business
Revolving home equity
With an allowance recorded:
Business
Real estate - construction and land
Real estate - business
Real estate - personal
Consumer
Revolving home equity
Consumer credit card
Total
December 31, 2012
With no related allowance recorded:

| Business | $\$ 9,964$ | $\$ 12,697$ | $\$-$ |
| :--- | :--- | :--- | :--- |
| Real estate - construction and land | 8,440 | 15,102 | - |
| Real estate - business | 5,484 | 8,200 | - |
| Real estate - personal | 1,166 | 1,380 | - |
| Revolving home equity | 510 | 843 | - |
|  | $\$ 25,564$ | $\$ 38,222$ | $\$-$ |
| With an allowance recorded: | $\$ 19,358$ | $\$ 22,513$ | $\$ 1,888$ |
| Business | 20,446 | 25,808 | 1,762 |
| Real estate - construction and land | 17,115 | 23,888 | 1,784 |
| Real estate - business | 14,157 | 17,304 | 857 |
| Real estate - personal | 4,779 | 4,779 | 93 |
| Consumer | 779 | 779 | 18 |
| Revolving home equity | 14,720 | 14,720 | 1,083 |
| Consumer credit card | $\$ 91,354$ | $\$ 109,791$ | $\$ 7,485$ |
|  | $\$ 116,918$ | $\$ 148,013$ | $\$ 7,485$ |


| Recorded | Unpaid Principal | Related |
| :--- | :--- | :--- |
| Investment | Balance | Allowance |


| $\$ 7,969$ | $\$ 9,000$ | $\$-$ |
| :--- | :--- | :--- |
| 8,766 | 16,067 | - |
| 4,089 | 6,417 | - |
| 2,191 | 2,741 | - |
| $\$ 23,015$ | $\$ 34,225$ | $\$-$ |
|  |  |  |
| $\$ 19,266$ | $\$ 22,597$ | $\$ 3,037$ |
| 17,632 | 19,708 | 2,174 |
| 20,794 | 29,287 | 3,265 |
| 10,425 | 13,576 | 1,361 |
| 4,025 | 4,025 | 85 |
| 666 | 666 | 2 |
| 11,813 | 11,813 | 976 |
| $\$ 84,621$ | $\$ 101,672$ | $\$ 10,900$ |
| $\$ 107,636$ | $\$ 135,897$ | $\$ 10,900$ |

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Total average impaired loans during 2013 and 2012 are shown in the table below.

|  | 2013 |  |  | 2012 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| (In thousands) | Commercial | Personal <br> Banking | Total |  | Commercial <br> Personal <br> Banking | Total |
| Average impaired loans: |  |  |  |  |  |  |
| Non-accrual loans | $\$ 35,900$ | $\$ 5,329$ | $\$ 41,229$ | $\$ 55,994$ | $\$ 7,343$ | $\$ 63,337$ |
| Restructured loans (accruing) 40,251 | 24,134 | 64,385 | 43,181 | 22,520 | 65,701 |  |
| Total | $\$ 76,151$ | $\$ 29,463$ | $\$ 105,614$ | $\$ 99,175$ | $\$ 29,863$ | $\$ 129,038$ |

The table below shows interest income recognized during the years ended December 31, 2013, 2012 and 2011 for impaired loans held at the end of each respective period. This interest relates to accruing restructured loans, as discussed previously.

|  | For the Year Ended December 31 |  |  |
| :--- | :--- | :--- | :--- |
| (In thousands) | 2013 | 2012 | 2011 |
| Interest income recognized on impaired loans: | $\$ 509$ | $\$ 1,184$ | $\$ 284$ |
| Business | 758 | 655 | 947 |
| Real estate - construction and land | 215 | 246 | 327 |
| Real estate - business | 263 | 376 | 37 |
| Real estate - personal | 346 | 415 | - |
| Consumer | 36 | 37 | - |
| Revolving home equity | 1,116 | 1,341 | 2,016 |
| Consumer credit card | $\$ 3,243$ | $\$ 4,254$ | $\$ 3,611$ |
| Total |  |  |  |

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Delinquent and non-accrual loans
The following table provides aging information on the Company's past due and accruing loans, in addition to the balances of loans on non-accrual status, at December 31, 2013 and 2012.
(In thousands)

December 31, 2013
Commercial:
Business
Real estate - construction and land
Real estate - business
Personal Banking:
Real estate - personal
Consumer
Revolving home equity
Consumer credit card
Overdrafts
Total
December 31, 2012
Commercial:
Business
Real estate - construction and land
Real estate - business
Personal Banking:
Real estate - personal
Consumer
Revolving home equity
Consumer credit card
Overdrafts
Total
Current or Less $30-89$ Days
Than 30 Days
Past Due 90 Days Past Due and Still Non-accrual Total Accruing

| \$3,697,589 | \$5,467 | \$671 | \$11,592 | \$3,715,319 |
| :---: | :---: | :---: | :---: | :---: |
| 386,423 | 9,601 | - | 10,173 | 406,197 |
| 2,292,385 | 1,340 | 47 | 19,778 | 2,313,550 |
| 1,771,231 | 9,755 | 1,560 | 5,080 | 1,787,626 |
| 1,492,960 | 17,482 | 2,274 | - | 1,512,716 |
| 416,614 | 1,082 | 702 | 2,191 | 420,589 |
| 777,564 | 9,952 | 8,712 | - | 796,228 |
| 4,315 | 296 | - | - | 4,611 |
| \$ 10,839,081 | \$54,975 | \$13,966 | \$48,814 | \$ 10,956,836 |


| $\$ 3,110,403$ | $\$ 10,054$ | $\$ 1,288$ | $\$ 13,056$ | $\$ 3,134,801$ |
| :--- | :--- | :--- | :--- | :--- |
| 325,541 | 16,721 | 56 | 13,678 | 355,996 |
| $2,194,395$ | 3,276 | - | 17,304 | $2,214,975$ |
| $1,564,281$ | 10,862 | 2,854 | 6,862 | $1,584,859$ |
| $1,273,581$ | 13,926 | 2,143 | - | $1,289,650$ |
| 433,437 | 2,121 | 1,499 | 510 | 437,567 |
| 786,081 | 10,657 | 7,507 | - | 804,245 |
| 8,925 | 366 | - | - | 9,291 |
| $\$ 9,696,644$ | $\$ 67,983$ | $\$ 15,347$ | $\$ 51,410$ | $\$ 9,831,384$ |

Credit quality
The following table provides information about the credit quality of the Commercial loan portfolio, using the Company's internal rating system as an indicator. The internal rating system is a series of grades reflecting management's risk assessment, based on its analysis of the borrower's financial condition. The "pass" category consists of a range of loan grades that reflect increasing, though still acceptable, risk. Movement of risk through the various grade levels in the "pass" category is monitored for early identification of credit deterioration. The "special mention" rating is attached to loans where the borrower exhibits material negative financial trends due to borrower specific or systemic conditions that, if left uncorrected, threaten its capacity to meet its debt obligations. The borrower is believed to have sufficient financial flexibility to react to and resolve its negative financial situation. It is a transitional grade that is closely monitored for improvement or deterioration. The "substandard" rating is applied to loans where the borrower exhibits well-defined weaknesses that jeopardize its continued performance and are of a severity that the distinct possibility of default exists. Loans are placed on "non-accrual" when management does not expect to collect payments consistent with acceptable and agreed upon terms of repayment, as discussed in Note 1.

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(In thousands)
December 31, 2013
Pass
Special mention
Substandard
Non-accrual
Total
December 31, 2012
Pass
Special mention
Substandard
Non-accrual
Total
Commercial Loans
$\begin{array}{lll}\text { Business } & \begin{array}{l}\text { Real Estate } \\ \text {-Construction }\end{array} & \text { Real Estate - Business }\end{array} \quad$ Total

| $\$ 3,618,120$ | $\$ 372,515$ | $\$ 2,190,344$ | $\$ 6,180,979$ |
| :--- | :--- | :--- | :--- |
| 61,916 | 1,697 | 53,079 | 116,692 |
| 23,691 | 21,812 | 50,349 | 95,852 |
| 11,592 | 10,173 | 19,778 | 41,543 |
| $\$ 3,715,319$ | $\$ 406,197$ | $\$ 2,313,550$ | $\$ 6,435,066$ |
|  |  |  |  |
| $\$ 3,018,062$ | $\$ 297,156$ | $\$ 2,103,913$ | $\$ 5,419,131$ |
| 58,793 | 11,400 | 38,396 | 108,589 |
| 44,890 | 33,762 | 55,362 | 134,014 |
| 13,056 | 13,678 | 17,304 | 44,038 |
| $\$ 3,134,801$ | $\$ 355,996$ | $\$ 2,214,975$ | $\$ 5,705,772$ |

The credit quality of Personal Banking loans is monitored primarily on the basis of aging/delinquency, and this information is provided in the table in the above section on "Delinquency and non-accrual loans". In addition, FICO scores are obtained and updated on a quarterly basis for most of the loans in the Personal Banking portfolio. This is a published credit score designed to measure the risk of default by taking into account various factors from a person's financial history. The bank normally obtains a FICO score at the loan's origination and renewal dates, and updates are obtained on a quarterly basis. Excluded from the table below are certain loans for which FICO scores are not obtained because the loans are related to commercial activity. At December 31, 2013, these were comprised of $\$ 244.3$ million in personal real estate loans and $\$ 47.5$ million in consumer loans, or $6.5 \%$ of the Personal Banking portfolio. At December 31, 2012, these were comprised of $\$ 224.5$ million in personal real estate loans and $\$ 87.4$ million in consumer loans, or $7.6 \%$ of the Personal Banking portfolio. For the remainder of loans in the Personal Banking portfolio, the table below shows the percentage of balances outstanding at December 31, 2013 and 2012 by FICO score.

Personal Banking Loans
\% of Loan Category

| Real Estate - | Consumer | Revolving | Consumer |
| :--- | :--- | :--- | :--- |
| Personal |  | Home Equity | Credit Card |

December 31, 2013
FICO score:

| Under 600 | 1.7 | $\% 5.4$ | \%2.1 | \%4.1 | \% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 600-659 | 3.3 | 10.1 | 7.3 | 11.7 |  |
| 660-719 | 10.3 | 23.4 | 15.0 | 32.9 |  |
| 720-779 | 25.8 | 28.3 | 28.5 | 27.9 |  |
| 780 and over | 58.9 | 32.8 | 47.1 | 23.4 |  |
| Total | 100.0 | \% 100.0 | \% 100.0 | \% 100.0 | \% |
| December 31, 2012 |  |  |  |  |  |
| FICO score: |  |  |  |  |  |
| Under 600 | 2.3 | \% 6.7 | \% 2.6 | \% 4.4 | \% |
| 600-659 | 3.2 | 11.3 | 5.3 | 11.7 |  |
| 660-719 | 10.4 | 24.4 | 15.2 | 32.1 |  |
| 720-779 | 26.6 | 26.4 | 30.0 | 28.2 |  |
| 780 and over | 57.5 | 31.2 | 46.9 | 23.6 |  |
| Total | 100.0 | \% 100.0 | \% 100.0 | \% 100.0 | \% |

Troubled debt restructurings
As mentioned previously, the Company's impaired loans include loans which have been classified as troubled debt restructurings. Total restructured loans amounted to $\$ 83.2$ million at December 31, 2013. Restructured loans are those extended to borrowers who are experiencing financial difficulty and who have been granted a concession.
Restructured loans are placed on non-accrual status if the Company does not believe it probable that amounts due under the contractual terms will be collected, and those non-

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accrual loans totaled $\$ 24.4$ million at December 31, 2013. Other performing restructured loans totaled $\$ 58.8$ million at December 31, 2013. These are partly comprised of certain business, construction and business real estate loans classified as substandard. Upon maturity, the loans renewed at interest rates judged not to be market rates for new debt with similar risk and as a result were classified as troubled debt restructurings. These commercial loans totaled $\$ 38.2$ million and $\$ 40.3$ million at December 31, 2013 and 2012, respectively. These restructured loans are performing in accordance with their modified terms, and because the Company believes it probable that all amounts due under the modified terms of the agreements will be collected, interest on these loans is being recognized on an accrual basis. Troubled debt restructurings also include certain credit card loans under various debt management and assistance programs, which totaled $\$ 11.8$ million at December 31, 2013 and $\$ 14.7$ million at December 31, 2012. Modifications to credit card loans generally involve removing the available line of credit, placing loans on amortizing status, and lowering the contractual interest rate. The Company also classifies certain loans as troubled debt restructurings because they were not reaffirmed by the borrower in bankruptcy proceedings. These loans, which are comprised of personal real estate, revolving home equity and consumer loans, totaled $\$ 8.8$ million and $\$ 10.4$ million at December 31, 2013 and 2012, respectively. Interest on these loans is being recognized on an accrual basis, as the borrowers are continuing to make payments.

The table below shows the outstanding balance of loans classified as troubled debt restructurings at December 31, 2013, in addition to the period end balances of restructured loans which the Company considers to have been in default at any time during the past twelve months. For purposes of this disclosure, the Company considers "default" to mean 90 days or more past due as to interest or principal.
$\left.\begin{array}{lll}\text { (In thousands) } & \begin{array}{l}\text { December 31, } \\ \text { Balance } 90 \text { days } \\ \text { past due at any } \\ \text { time during } \\ \text { previous } 12\end{array} \\ \text { months }\end{array}\right]$

For those loans on non-accrual status also classified as restructured, the modification did not create any further financial effect on the Company as those loans were already recorded at net realizable value. For those performing commercial loans classified as restructured, there were no concessions involving forgiveness of principal or interest and, therefore, there was no financial impact to the Company as a result of modification to these loans. No financial impact resulted from those performing loans where the debt was not reaffirmed in bankruptcy, as no changes to loan terms occurred in that process. However, the effects of modifications to consumer credit card loans were estimated to decrease interest income by approximately $\$ 1.3$ million on an annual, pre-tax basis, compared to amounts contractually owed.

The allowance for loan losses related to troubled debt restructurings on non-accrual status is determined by individual evaluation, including collateral adequacy, using the same process as loans on non-accrual status which are not classified as troubled debt restructurings. Those performing loans classified as troubled debt restructurings are accruing loans which management expects to collect under contractual terms. Performing commercial loans have had

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no other concessions granted other than being renewed at an interest rate judged not to be market. As such, they have similar risk characteristics as non-troubled debt commercial loans and are collectively evaluated based on internal risk rating, loan type, delinquency, historical experience and current economic factors. Performing personal banking loans classified as troubled debt restructurings resulted from the borrower not reaffirming the debt during bankruptcy and have had no other concession granted, other than the Bank's future limitations on collecting payment deficiencies or in pursuing foreclosure actions. As such, they have similar risk characteristics as non-troubled debt personal banking loans and are evaluated collectively based on loan type, delinquency, historical experience and current economic factors.

If a troubled debt restructuring defaults and is already on non-accrual status, the allowance for loan losses continues to be based on individual evaluation, using discounted expected cash flows or the fair value of collateral. If an accruing, troubled debt restructuring defaults, the loan's risk rating is downgraded to non-accrual status and the loan's related allowance for loan losses is determined based on individual evaluation, or if necessary, the loan is charged off and collection efforts begin.

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The Company had commitments of $\$ 11.2$ million at December 31, 2013 to lend additional funds to borrowers with restructured loans.

The Company's holdings of foreclosed real estate totaled $\$ 6.6$ million and $\$ 13.5$ million at December 31, 2013 and 2012, respectively. Personal property acquired in repossession, generally autos and marine and recreational vehicles, totaled $\$ 2.8$ million and $\$ 3.5$ million at December 31, 2013 and 2012, respectively. These assets are carried at the lower of the amount recorded at acquisition date or the current fair value less estimated selling costs.

## 4. Investment Securities

Investment securities, at fair value, consisted of the following at December 31, 2013 and 2012.
(In thousands) 2013
Available for sale:
U.S. government and federal agency obligations

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
Equity securities
Total available for sale
Trading
Non-marketable
Total investment securities
\$505,696 \$438,759
741,766 471,574
1,619,171 1,615,707
2,772,338 3,380,955
246,983 237,011
2,844,071 3,167,394
141,757 177,752
43,898 33,096
8,915,680 9,522,248
19,993 28,837
107,324 118,650
\$9,042,997 \$9,669,735

Most of the Company's investment securities are classified as available for sale, and this portfolio is discussed in more detail below. Securities which are classified as non-marketable include Federal Home Loan Bank (FHLB) stock and Federal Reserve Bank stock held for borrowing and regulatory purposes, which totaled $\$ 46.5$ million and $\$ 45.4$ million at December 31, 2013 and December 31, 2012, respectively. Investment in Federal Reserve Bank stock is based on the capital structure of the investing bank, and investment in FHLB stock is mainly tied to the level of borrowings from the FHLB. These holdings are carried at cost. Non-marketable securities also include private equity investments, which amounted to $\$ 60.7$ million and $\$ 73.2$ million at December 31, 2013 and December 31, 2012, respectively. In the absence of readily ascertainable market values, these securities are carried at estimated fair value.

A summary of the available for sale investment securities by maturity groupings as of December 31, 2013 is shown in the following table. The weighted average yield for each range of maturities was calculated using the yield on each security within that range weighted by the amortized cost of each security at December 31, 2013. Yields on tax exempt securities have not been adjusted for tax exempt status. The investment portfolio includes agency mortgage-backed securities, which are guaranteed by agencies such as FHLMC, FNMA, GNMA and FDIC, in addition to non-agency mortgage-backed securities which have no guarantee, but are collateralized by residential mortgages. Also included are certain other asset-backed securities, primarily collateralized by credit cards, automobiles and commercial loans. The Company does not have exposure to subprime originated mortgage-backed or collateralized debt obligation instruments, and does not hold any trust preferred securities.

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(Dollars in thousands)
U.S. government and federal agency obligations:

After 1 but within 5 years
After 5 but within 10 years
After 10 years
Total U.S. government and federal agency obligations
Government-sponsored enterprise obligations:
Within 1 year
After 1 but within 5 years
After 5 but within 10 years
After 10 years
Total government-sponsored enterprise obligations
State and municipal obligations:
Within 1 year
After 1 but within 5 years
After 5 but within 10 years
After 10 years
Total state and municipal obligations
Mortgage and asset-backed securities:
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Total mortgage and asset-backed securities
Other debt securities:
Within 1 year
After 1 but within 5 years
After 5 but within 10 years
Total other debt securities
Equity securities
Total available for sale investment securities

| Amortized Cost | Fair Value | Weighted <br> Average Yield |
| :---: | :---: | :---: |
| \$274,859 | \$293,742 | 1.71 *\% |
| 150,790 | 152,277 | .51* |
| 72,577 | 59,677 | (.31)* |
| 498,226 | 505,696 | 1.05* |
| 30,159 | 30,437 | 1.58 |
| 446,124 | 444,504 | 1.57 |
| 143,535 | 132,930 | 1.59 |
| 146,984 | 133,895 | 1.97 |
| 766,802 | 741,766 | 1.65 |
| 141,912 | 143,357 | 2.70 |
| 734,238 | 756,570 | 2.64 |
| 562,959 | 543,749 | 2.21 |
| 185,086 | 175,495 | 1.94 |
| 1,624,195 | 1,619,171 | 2.42 |
| 2,743,803 | 2,772,338 | 2.74 |
| 236,595 | 246,983 | 4.51 |
| 2,847,368 | 2,844,071 | . 88 |
| 5,827,766 | 5,863,392 | 1.90 |
| 7,695 | 7,719 |  |
| 49,697 | 50,125 |  |
| 90,189 | 83,913 |  |
| 147,581 | 141,757 |  |
| 9,970 | 43,898 |  |
| \$8,874,540 | \$8,915,680 |  |

* Rate does not reflect inflation adjustment on inflation-protected securities

Investments in U.S. government securities are comprised mainly of U.S. Treasury inflation-protected securities, which totaled $\$ 505.6$ million, at fair value, at December 31, 2013. Interest paid on these securities increases with inflation and decreases with deflation, as measured by the Consumer Price Index. At maturity, the principal paid is the greater of an inflation-adjusted principal or the original principal. Included in state and municipal obligations are $\$ 127.7$ million, at fair value, of auction rate securities, which were purchased from bank customers in 2008. Interest on these bonds is currently being paid at the maximum failed auction rates. Equity securities are primarily comprised of investments in common stock held by the Parent, which totaled $\$ 37.2$ million, at fair value, at December 31, 2013.

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For securities classified as available for sale, the following table shows the unrealized gains and losses (pre-tax) in accumulated other comprehensive income, by security type.

| (In thousands) | Amortized Cost | Gross <br> Unrealized <br> Gains | Gross <br> Unrealized <br> Losses | Fair Value |
| :---: | :---: | :---: | :---: | :---: |
| December 31, 2013 |  |  |  |  |
| U.S. government and federal agency obligations | \$498,226 | \$20,614 | \$(13,144 | ) $\$ 505,696$ |
| Government-sponsored enterprise obligations | 766,802 | 2,245 | (27,281 | ) 741,766 |
| State and municipal obligations | 1,624,195 | 28,321 | (33,345 | ) 1,619,171 |
| Mortgage and asset-backed securities: |  |  |  |  |
| Agency mortgage-backed securities | 2,743,803 | 54,659 | (26,124 | ) 2,772,338 |
| Non-agency mortgage-backed securities | 236,595 | 12,008 | (1,620 | ) 246,983 |
| Asset-backed securities | 2,847,368 | 6,872 | (10,169 | ) 2,844,071 |
| Total mortgage and asset-backed securities | 5,827,766 | 73,539 | (37,913 | ) 5,863,392 |
| Other debt securities | 147,581 | 671 | (6,495 | ) 141,757 |
| Equity securities | 9,970 | 33,928 | - | 43,898 |
| Total | \$8,874,540 | \$159,318 | \$(118,178 | ) $\$ 8,915,680$ |
| December 31, 2012 |  |  |  |  |
| U.S. government and federal agency obligations | \$399,971 | \$40,395 | \$(1,607 | )\$438,759 |
| Government-sponsored enterprise obligations | 467,063 | 5,188 | (677 | ) 471,574 |
| State and municipal obligations | 1,585,926 | 46,076 | (16,295 | ) 1,615,707 |
| Mortgage and asset-backed securities: |  |  |  |  |
| Agency mortgage-backed securities | 3,248,007 | 132,953 | (5 | ) 3,380,955 |
| Non-agency mortgage-backed securities | 224,223 | 12,906 | (118 | ) 237,011 |
| Asset-backed securities | 3,152,913 | 15,848 | (1,367 | ) 3,167,394 |
| Total mortgage and asset-backed securities | 6,625,143 | 161,707 | (1,490 | ) 6,785,360 |
| Other debt securities | 174,727 | 3,127 | (102 | ) 177,752 |
| Equity securities | 5,695 | 27,401 | - | 33,096 |
| Total | \$9,258,525 | \$283,894 | \$(20,171 | ) $\$ 9,522,248$ |

The Company's impairment policy requires a review of all securities for which fair value is less than amortized cost. Special emphasis and analysis is placed on securities whose credit rating has fallen below A3 (Moody's) or A(Standard \& Poor's), whose fair values have fallen more than $20 \%$ below purchase price for an extended period of time, or have been identified based on management's judgment. These securities are placed on a watch list, and for all such securities, detailed cash flow models are prepared which use inputs specific to each security. Inputs to these models include factors such as cash flow received, contractual payments required, and various other information related to the underlying collateral (including current delinquencies), collateral loss severity rates (including loan to values), expected delinquency rates, credit support from other tranches, and prepayment speeds. Stress tests are performed at varying levels of delinquency rates, prepayment speeds and loss severities in order to gauge probable ranges of credit loss. At December 31, 2013, the fair value of securities on this watch list was $\$ 188.8$ million compared to $\$ 220.7$ million at December 31, 2012.

As of December 31, 2013, the Company had recorded OTTI on certain non-agency mortgage-backed securities, part of the watch list mentioned above, which had an aggregate fair value of $\$ 70.4$ million. The cumulative credit-related portion of the impairment initially recorded on these securities totaled $\$ 12.8$ million and was recorded in earnings. The Company does not intend to sell these securities and believes it is not likely that it will be required to sell the securities before the recovery of their amortized cost.
$\qquad$

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The credit-related portion of the loss on these securities was based on the cash flows projected to be received over the estimated life of the securities, discounted to present value, and compared to the current amortized cost bases of the securities. Significant inputs to the cash flow models used to calculate the credit losses on these securities included the following:

| Significant Inputs | Range |  |
| :--- | :--- | :--- |
| Prepayment CPR | $0 \%$ | $-25 \%$ |
| Projected cumulative default | $16 \%$ | $-52 \%$ |
| Credit support | $0 \%$ | $-14 \%$ |
| Loss severity | $18 \%$ | $-81 \%$ |

The following table shows changes in the credit losses recorded in current earnings, for which a portion of an OTTI was recognized in other comprehensive income.

| (In thousands) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- |
| Balance at January 1 <br> Credit losses on debt securities for which impairment was not | $\$ 11,306$ | $\$ 9,931$ | $\$ 7,542$ |
| previously recognized | - | - | 170 |
| Credit losses on debt securities for which impairment was previously <br> recognized | 1,284 | 1,490 | 2,368 |
| Increase in expected cash flows that are recognized over remaining life <br> of security <br> Balance at December 31 |  | )(115 | )(149) |
|  | $\$ 12,499$ | $\$ 11,306$ | $\$ 9,931$ |

Securities with unrealized losses recorded in accumulated other comprehensive income are shown in the table below, along with the length of the impairment period. The table includes securities for which a portion of an OTTI has been recognized in other comprehensive income.

| (In thousands) | Less than 12 months |  | 12 months or longer |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses |
| December 31, 2013 |  |  |  |  |  |  |
| U.S. government and federal agency obligations | \$96,172 | \$243 | \$59,677 | \$12,901 | \$155,849 | \$13,144 |
| Government-sponsored enterprise obligations | 487,317 | 18,155 | 93,654 | 9,126 | 580,971 | 27,281 |
| State and municipal obligations | 478,818 | 15,520 | 178,150 | 17,825 | 656,968 | 33,345 |
| Mortgage and asset-backed securities: |  |  |  |  |  |  |
| Agency mortgage-backed securities | 717,778 | 26,124 | - | - | 717,778 | 26,124 |
| Non-agency mortgage-backed securities | 53,454 | 918 | 22,289 | 702 | 75,743 | 1,620 |
| Asset-backed securities | 1,088,556 | 9,072 | 58,398 | 1,097 | 1,146,954 | 10,169 |
| Total mortgage and asset-backed securities | 1,859,788 | 36,114 | 80,687 | 1,799 | 1,940,475 | 37,913 |
| Other debt securities | 90,028 | 5,604 | 9,034 | 891 | 99,062 | 6,495 |
| Total | \$3,012,123 | \$75,636 | \$421,202 | \$42,542 | \$3,433,325 | \$118,178 |
| December 31, 2012 |  |  |  |  |  |  |
| U.S. government and federal agency obligations | \$71,464 | \$ 1,607 | \$- | \$- | \$71,464 | \$ 1,607 |
| Government-sponsored enterprise obligations | 102,082 | 677 | - | - | 102,082 | 677 |
| State and municipal obligations | 173,600 | 2,107 | 80,530 | 14,188 | 254,130 | 16,295 |

Mortgage and asset-backed securities:

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| Agency mortgage-backed securities | 5,874 | 5 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Non-agency mortgage-backed securities | - | - |  | 12,609 | 118 | 5,874 |
| Asset-backed securities | 338,007 | 976 |  | 78,684 | 391 | 416,699 |
| Total mortgage and asset-backed securities 343,881 | 981 |  | 91,293 | 509 | 435,174 | 1,367 |
| Other debt securities | 39,032 | 102 |  | - | - | 39,032 |
| Total | $\$ 730,059$ | $\$ 5,474$ | $\$ 171,823$ | $\$ 14,697$ | $\$ 901,882$ | $\$ 20,171$ |

The total available for sale portfolio consisted of approximately 1,800 individual securities at December 31, 2013. The portfolio included 507 securities, having an aggregate fair value of $\$ 3.4$ billion, that were in a loss position at December 31, 2013, compared to 144 securities, with a fair value of $\$ 901.9$ million, at December 31, 2012. The total amount of unrealized loss on these securities

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increased $\$ 98.0$ million to $\$ 118.2$ million, mainly due to higher interest rates in the second half of 2013. At December 31, 2013, the fair value of securities in an unrealized loss position for 12 months or longer totaled $\$ 421.2$ million, or $4.7 \%$ of the total portfolio value, and did not include any securities identified as other-than-temporarily impaired.

The Company's holdings of state and municipal obligations included gross unrealized losses of $\$ 33.3$ million at December 31, 2013. Of these losses, $\$ 10.0$ million related to auction rate securities and $\$ 23.3$ million related to other state and municipal obligations. This portfolio, excluding auction rate securities, totaled $\$ 1.5$ billion at fair value, or $16.7 \%$ of total available for sale securities. The Company does not have exposure to obligations of municipalities which have filed for Chapter 9 bankruptcy. The Company has processes and procedures in place to monitor its holdings, identify signs of financial distress and, if necessary, exit its positions in a timely manner. The portfolio is diversified in order to reduce risk, and information about the top five largest holdings, by state and economic sector, is shown in the following table.

At December 31, 2013

| Texas | 9.9 | $\% 4.1$ | Aa 1 |
| :--- | :--- | ---: | ---: |
| Florida | 9.3 | 4.6 | Aa 3 |
| Ohio | 6.0 | 4.9 | Aa 2 |
| New York | 5.5 | 6.3 | Aa 2 |
| Washington | 5.4 | 5.0 | Aa 2 |
| General obligation | 30.6 | $\% 4.6$ | Aa 2 |
| Lease | 16.2 | 4.6 | Aa 2 |
| Housing | 15.4 | 4.4 | Aa 1 |
| Transportation | 13.9 | 4.2 | A 1 |
| Limited tax | 5.6 | 5.4 | Aa 1 |

The credit ratings (Moody's rating or equivalent) at December 31, 2013 in the state and municipal bond portfolio (excluding auction rate securities) are shown in the following table. The average credit quality of the portfolio is Aa2 as rated by Moody's.

|  | $\%$ of Portfolio | $\%$ |
| :--- | :--- | :--- |
| Aaa | 11.3 |  |
| A | 67.5 |  |
| Baa | 19.1 |  |
| Not rated | 1.3 |  |
|  | .8 | $\%$ |

The following table presents proceeds from sales of securities and the components of investment securities gains and losses which have been recognized in earnings.
(In thousands)
Proceeds from sales of available for sale securitie
Proceeds from sales of non-marketable securities
Total proceeds
Available for sale:
Gains realized on sales \$126
Gain realized on donation
Other-than-temporary impairment recognized on debt securities

| \% of <br> Portfolio | Average <br> Life (in <br> years) | Average <br> Rating <br> (Moody's) |
| :--- | :---: | :---: |
| 9.9 | $\% 4.1$ | Aa 1 |
| 9.3 | 4.6 | $\mathrm{Aa3}$ |
| 6.0 | 4.9 | Aa 2 |
| 5.5 | 6.3 | Aa 2 |
| 5.4 | 5.0 | Aa 2 |
| 30.6 | $\% 4.6$ | Aa 2 |
| 16.2 | 4.6 | Aa 2 |
| 15.4 | 4.4 | Aa 1 |
| 13.9 | 4.2 | A 1 |
| 5.6 | 5.4 | Aa 1 |

Non-marketable:
Gains realized on sales $\quad 1,808 \quad 1,655 \quad 2,388$
Losses realized on sales
Fair value adjustments, net
Investment securities gains (losses), net
(2,979 ) (200
) -
(3,471 ) 4,505
10,784
\$(4,425 ) \$4,828
\$10,812

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Investment securities with a fair value of $\$ 5.0$ billion and $\$ 4.3$ billion were pledged at December 31, 2013 and 2012, respectively, to secure public deposits, securities sold under repurchase agreements, trust funds, and borrowings at the Federal Reserve Bank. Securities pledged under agreements pursuant to which the collateral may be sold or re-pledged by the secured parties approximated $\$ 687.7$ million, while the remaining securities were pledged under agreements pursuant to which the secured parties may not sell or re-pledge the collateral. Except for obligations of various government-sponsored enterprises such as FNMA, FHLB and FHLMC, no investment in a single issuer exceeds $10 \%$ of stockholders' equity.
5. Land, Buildings and Equipment

Land, buildings and equipment consist of the following at December 31, 2013 and 2012:

| (In thousands) | 2013 | 2012 |
| :--- | :--- | :--- |
| Land | $\$ 106,005$ | $\$ 107,540$ |
| Buildings and improvements | 529,842 | 523,662 |
| Equipment | 227,467 | 229,370 |
| Total | 863,314 | 860,572 |
| Less accumulated depreciation and amortization | 513,660 | 502,960 |
| Net land, buildings and equipment | $\$ 349,654$ | $\$ 357,612$ |

Depreciation expense of $\$ 30.7$ million, $\$ 32.2$ million and $\$ 34.5$ million for 2013, 2012 and 2011, respectively, was included in occupancy expense and equipment expense in the consolidated income statements. Repairs and maintenance expense of $\$ 16.8$ million, $\$ 17.3$ million and $\$ 17.7$ million for 2013, 2012 and 2011, respectively, was included in occupancy expense and equipment expense. There has been no interest expense capitalized on construction projects in the past three years.
6. Goodwill and Other Intangible Assets

The following table presents information about the Company's intangible assets which have estimable useful lives.

|  | December 31, 2013 <br> Gross <br> Carrying | Accumulated Valuation <br> Amortization Allowance Amount | December 31, 2012 <br> Gross |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Carrying |  |  |  |
| Amount |  |  |  | (In thousands) | Accumulated Valuation Net |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Amortization Allowance Amount |

As discussed in Note 2 on Acquisition, the Company acquired Summit Bancshares, Inc. on September 1, 2013. As a result of the acquisition, goodwill of $\$ 13.3$ million and a core deposit intangible asset of $\$ 5.6$ million were recorded. Based on an estimation of the expected remaining economic life of the depositors, the core deposit premium is being amortized over a 14 year period using an accelerated method.

The carrying amount of goodwill and its allocation among segments at December 31, 2013 and 2012 is shown in the table below. As a result of ongoing assessments, no impairment of goodwill was recorded in 2013, 2012 or 2011. Further, the regular annual review on January 1, 2014 revealed no impairment as of that date.
(In thousands)
Consumer segment
Commercial segment

| December 31, | December 31, |
| :--- | :--- |
| 2013 | 2012 |
| $\$ 70,721$ | $\$ 67,765$ |
| 67,454 | 57,074 |

December 31, December 31, 20132012 67,454 57,074

| Wealth segment | 746 | 746 |
| :--- | :--- | :--- |
| Total goodwill | $\$ 138,921$ | $\$ 125,585$ |

Total goodwill
\$138,921

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Changes in the net carrying amount of goodwill and other net intangible assets for the years ended December 31, 2013 and 2012 are shown in the following table.

| (In thousands) | Goodwill | Core Deposit Premium | Mortgage Servicing Rights |
| :---: | :---: | :---: | :---: |
| Balance at December 31, 2011 | \$ 125,585 | \$6,970 | \$744 |
| Originations | - | - | 35 |
| Amortization | - | (2,142 | ) (341 |
| Impairment reversal | - | - | 34 |
| Balance at December 31, 2012 | 125,585 | 4,828 | 472 |
| Summit acquisition | 13,336 | 5,550 | - |
| Originations | - | - | 298 |
| Amortization | - | (1,889 | ) (300 |
| Impairment reversal | - | - | 309 |
| Balance at December 31, 2013 | \$138,921 | \$8,489 | \$779 |

Mortgage servicing rights (MSRs) are initially recorded at fair value and subsequently amortized over the period of estimated servicing income. They are periodically reviewed for impairment and if impairment is indicated, recorded at fair value. At December 31, 2013, temporary impairment of $\$ 84$ thousand had been recognized. Temporary impairment, including impairment recovery, is effected through a change in a valuation allowance. The fair value of the MSRs is based on the present value of expected future cash flows, as further discussed in Note 16 on Fair Value Measurements.

Aggregate amortization expense on intangible assets for the years ended December 31, 2013, 2012 and 2011 was $\$ 2.2$ million, $\$ 2.5$ million and $\$ 3.0$ million, respectively. The following table shows the estimated future amortization expense based on existing asset balances and the interest rate environment as of December 31, 2013. The Company's actual amortization expense in any given period may be different from the estimated amounts depending upon the acquisition of intangible assets, changes in mortgage interest rates, prepayment rates and other market conditions. (In thousands)

| 2014 | $\$ 1,999$ |
| :--- | :--- |
| 2015 | 1,609 |
| 2016 | 1,246 |
| 2017 | 921 |
| 2018 | 688 |

7. Deposits

At December 31, 2013, the scheduled maturities of total time open and certificates of deposit were as follows:
(In thousands)
Due in $2014 \quad \$ 1,740,247$
Due in 2015 235,401
Due in $2016 \quad 126,623$
Due in 2017 35,402
Due in 2018 48,998
Thereafter 1,767
Total
\$2,188,438

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The following table shows a detailed breakdown of the maturities of time open and certificates of deposit, by size category, at December 31, 2013.
(In thousands)
Due in 3 months or less
Due in over 3 through 6 months
Due in over 6 through 12 months
Due in over 12 months
Total

| Certificates of <br> Deposit under | Other Time <br> Deposits under <br> Depositit over | Cepates of <br> Other Time <br> Deposits over | Total |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 100,000$ | $\$ 100,000$ | $\$ 100,000$ | $\$ 100,000$ |  |
| $\$ 159,550$ | $\$ 33,313$ | $\$ 314,206$ | $\$ 19,086$ | $\$ 526,155$ |
| 179,266 | 38,196 | 249,528 | 32,052 | 499,042 |
| 308,582 | 55,173 | 280,247 | 71,048 | 715,050 |
| 135,935 | 73,674 | 221,906 | 16,676 | 448,191 |
| $\$ 783,333$ | $\$ 200,356$ | $\$ 1,065,887$ | $\$ 138,862$ | $\$ 2,188,438$ |

Regulations of the Federal Reserve System require cash balances to be maintained at the Federal Reserve Bank, based on certain deposit levels. The minimum reserve requirement for the Bank at December 31, 2013 totaled $\$ 49.2$ million.

## 8. Borrowings

The following table sets forth selected information for short-term borrowings (borrowings with an original maturity of less than one year).
(Dollars in thousands)

| Year End | Average | Average | Maximum |
| :--- | :--- | :--- | :--- | Balance at

Federal funds purchased and repurchase agreements:

| 2013 | .1 | $\% .1$ | $\% \$ 914,554$ | $\$ 1,479,849$ | $\$ 996,558$ |
| :--- | :--- | :---: | :---: | :---: | :--- |
| 2012 | .1 | .1 | 785,978 | $1,149,156$ | 683,550 |
| 2011 | .1 | .1 | 635,009 | $1,002,092$ | 856,081 |

Short-term borrowings consist primarily of federal funds purchased and securities sold under agreements to repurchase (repurchase agreements), which generally mature within 90 days. Short-term repurchase agreements at December 31, 2013 were comprised of non-insured customer funds totaling $\$ 971.8$ million, which were secured by a portion of the Company's investment portfolio.

Long-term borrowings of the Company consisted of the following at December 31, 2013:

|  | Borrower | Year End |  |  |
| :--- | :--- | :--- | :--- | :--- |
| (Dollars in thousands) | Maturity DateWeighted |  |  |  | | Year End |
| :---: |
| Balance |

The Bank is a member of the Des Moines FHLB and has access to term financing from the FHLB. These borrowings are secured under a blanket collateral agreement including primarily residential mortgages as well as all unencumbered assets and stock of the borrowing bank. Total outstanding advances at December 31, 2013 were $\$ 105.3$ million. All of the outstanding advances have fixed interest rates and contain prepayment penalties. The FHLB has also issued letters of credit, totaling $\$ 353.0$ million at December 31, 2013, to secure the Company's obligations to certain depositors of public funds.

Structured repurchase agreements totaled $\$ 350.0$ million at December 31, 2013. These borrowings have floating interest rates based upon various published constant maturity swap (CMS) rates and will mature in 2014. They are secured by agency mortgage-backed and U.S. government securities in the Company's investment portfolio, which totaled $\$ 366.5$ million at December 31, 2013. As of year end, these agreements did not bear interest because of low CMS rates.

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9. Income Taxes

The components of income tax expense from operations for the years ended December 31, 2013, 2012 and 2011 were as follows:
(In thousands)
Year ended December 31, 2013:

| U.S. federal | $\$ 102,191$ | $\$ 7,984$ | $\$ 110,175$ |
| :--- | :--- | :--- | :--- |
| State and local | 10,838 | 1,217 | 12,055 |
| Total | $\$ 113,029$ | $\$ 9,201$ | $\$ 122,230$ |
| Year ended December 31, 2012: | $\$ 100,210$ | $\$ 15,125$ | $\$ 115,335$ |
| U.S. federal | 10,725 | 1,109 | 11,834 |
| State and local | $\$ 110,935$ | $\$ 16,234$ | $\$ 127,169$ |
| Total |  |  |  |
| Year ended December 31, 2011: | $\$ 113,920$ | $\$(2,720$ | $) \$ 111,200$ |
| U.S. federal | 10,328 | $(116$ | $) 10,212$ |
| State and local | $\$ 124,248$ | $\$(2,836$ | $) \$ 121,412$ |

The components of income tax (benefit) expense recorded directly to stockholders' equity for the years ended December 31, 2013, 2012 and 2011 were as follows:
$\left.\begin{array}{llll}\text { (In thousands) } & 2013 & 2012 & 2011 \\ \text { Unrealized gain (loss) on securities available for sale } & \$(84,582 & ) \$ 19,425 & \$ 31,565 \\ \text { Accumulated pension (benefit) loss } & 6,981 & (3,608 & )(2,641 \\ \text { Compensation expense for tax purposes in excess of amounts } & (1,003 & )(2,094 & )(1,065\end{array}\right)$

Significant components of the Company's deferred tax assets and liabilities at December 31, 2013 and 2012 were as follows:

| (In thousands) | 2013 | 2012 |
| :--- | :--- | :--- |
| Deferred tax assets: |  |  |
| Loans, principally due to allowance for loan losses | $\$ 70,154$ | $\$ 75,710$ |
| Accrued expenses | 15,740 | 15,528 |
| Equity-based compensation | 12,407 | 12,469 |
| Deferred compensation | 6,980 | 6,280 |
| Pension | 728 | 7,840 |
| Other | 14,740 | 11,799 |
| Total deferred tax assets | 120,749 | 129,626 |
| Deferred tax liabilities: | 64,320 | 54,980 |
| Equipment lease financing | 15,633 | 100,215 |
| Unrealized gain on securities available for sale | 14,757 | 16,433 |
| Land, buildings and equipment | 7,282 | 4,867 |
| Intangibles | 5,972 | 6,613 |
| Accretion on investment securities | 7,325 | 8,399 |
| Other | 115,289 | 191,507 |
| Total deferred tax liabilities | $\$ 5,460$ | $\$(61,881$ |

The Company acquired a federal net operating loss (NOL) carryforward of approximately $\$ 4.3$ million in connection with a 2003 acquisition. At December 31, 2013, the NOL had been fully utilized. Management believes it is more
likely than not that the results of future operations will generate sufficient taxable income to realize the total deferred tax assets.

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A reconciliation between the expected federal income tax expense using the federal statutory tax rate of $35 \%$ and the Company's actual income tax expense for 2013, 2012 and 2011 is provided in the table below. The effective tax rate is calculated by dividing income taxes by income before income taxes less the non-controlling interest expense.
(In thousands) $2013 \quad 20122011$

Computed "expected" tax expense
Increase (decrease) in income taxes resulting from:
Tax-exempt interest, net of cost to carry $\quad(16,612)(15,516 \quad)$
State and local income taxes, net of federal tax benefit $\quad 7,836 \quad \mathbf{7 , 6 9 2} \quad 6,638$
Tax deductible dividends on allocated shares held by the Company's
ESOP
Other $\quad(1,995 \quad(790 \quad(1,567)$
Total income tax expense $\quad \$ 122,230 \quad \$ 127,169 \quad \$ 121,412$

It is the Company's policy to recognize interest and penalties related to income tax matters in income tax expense. The Company recorded tax benefits related to interest and penalties of $\$ 5$ thousand, $\$ 81$ thousand and $\$ 1$ thousand in 2013, 2012 and 2011, respectively. At December 31, 2013 and 2012, liabilities for interest and penalties were $\$ 172$ thousand and $\$ 176$ thousand, respectively.

As of December 31, 2013 and 2012, the gross amount of unrecognized tax benefits was $\$ 1.4$ million and $\$ 1.6$ million, respectively, and the total amount of unrecognized tax benefits that would impact the effective tax rate, if recognized, was $\$ 1.0$ million and $\$ 1.1$ million, respectively.

The Company and its subsidiaries are subject to income tax by federal, state and local government taxing authorities. Tax years 2010 through 2013 remain open to examination for U.S. federal income tax. Tax years 2009 through 2013 remain open to examination in major state taxing jurisdictions.

The activity in the accrued liability for unrecognized tax benefits for the years ended December 31, 2013 and 2012 was as follows:
(In thousands)
Unrecognized tax benefits at beginning of year
Gross increases - tax positions in prior period
Gross decreases - tax positions in prior period
Gross increases - current-period tax positions
Lapse of statute of limitations
Unrecognized tax benefits at end of year
20132012
10. Employee Benefit Plans

Employee benefits charged to operating expenses are summarized in the table below. Substantially all of the Company's employees are covered by a defined contribution (401(k)) plan, under which the Company makes matching contributions.
(In thousands)

| 2013 | 2012 | 2011 |
| :--- | :--- | :--- |
| $\$ 21,705$ | $\$ 21,247$ | $\$ 20,703$ |
| 18,393 | 19,861 | 16,350 |
| 12,465 | 12,613 | 11,728 |
| 1,627 | 2,441 | 994 |
| 2,498 | 2,062 | 2,232 |
| $\$ 56,688$ | $\$ 58,224$ | $\$ 52,007$ |

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A portion of the Company's employees are covered by a noncontributory defined benefit pension plan, however, participation in the pension plan is not available to employees hired after June 30, 2003. All participants are fully vested in their benefit payable upon normal retirement date, which is based on years of participation and compensation. Certain key executives also participate in a supplemental executive retirement plan (the CERP) that the Company funds only as retirement benefits are disbursed. The CERP carries no segregated assets. Since January 2011, all benefits accrued under the pension plan have been frozen. However, the accounts continue to accrue interest at a stated annual rate. The CERP continues to provide credits based on hypothetical contributions in excess of those permitted under the $401(\mathrm{k})$ plan. In the tables presented below, the pension plan and the CERP are presented on a combined basis.

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Under the Company's funding policy for the defined benefit pension plan, contributions are made to a trust as necessary to satisfy the statutory minimum required contribution as defined by the Pension Protection Act, which is intended to provide for current service accruals and for any unfunded accrued actuarial liabilities over a reasonable period. To the extent that these requirements are fully covered by assets in the trust, a contribution might not be made in a particular year. The Company made a discretionary contribution of $\$ 1.5$ million to its defined benefit pension plan in 2012 in order to reduce pension guarantee premiums. No contributions to the defined plan were made in 2013 and the minimum required contribution for 2014 is expected to be zero. The Company does not expect to make any further contributions in 2014 other than the necessary funding contributions to the CERP. Contributions to the CERP were $\$ 69$ thousand, $\$ 65$ thousand and $\$ 18$ thousand during 2013, 2012 and 2011, respectively.

The following items are components of the net pension cost for the years ended December 31, 2013, 2012 and 2011.

| (In thousands) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :---: |
| Service cost-benefits earned during the year | $\$ 509$ | $\$ 504$ | $\$ 406$ |
| Interest cost on projected benefit obligation | 4,509 | 5,162 | 5,366 |
| Expected return on plan assets | $(6,476$ | $)(6,178$ | $)(6,727$ |
| Amortization of unrecognized net loss | 3,085 | 2,953 | 1,949 |
| Net periodic pension cost | $\$ 1,627$ | $\$ 2,441$ | $\$ 994$ |

The following table sets forth the pension plans' funded status, using valuation dates of December 31, 2013 and 2012.
(In thousands) 20132

Change in projected benefit obligation
$\begin{array}{lll}\text { Projected benefit obligation at prior valuation date } & \$ 125,147 & \$ 110,186\end{array}$
Service cost 509 504
Interest cost
4,509 5,162

Benefits paid
(5,904 ) (5,248
Actuarial (gain) loss (10,588) 14,543
$\begin{array}{lll}\text { Projected benefit obligation at valuation date } & 113,673 & 125,147\end{array}$
Change in plan assets
Fair value of plan assets at prior valuation date $\quad 101,834 \quad 97,228$
$\begin{array}{lll}\text { Actual return on plan assets } & 11,173 & 8,274\end{array}$
Employer contributions
Benefits paid
Fair value of plan assets at valuation date
69
1,580

Funded status and net amount recognized at valuation date
(5,904 ) (5,248
107,172 101,834
\$(6,501 ) \$ (23,313 )

The accumulated benefit obligation, which represents the liability of a plan using only benefits as of the measurement date, was $\$ 113.7$ million and $\$ 125.1$ million for the combined plans on December 31, 2013 and 2012, respectively.

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Amounts not yet reflected in net periodic benefit cost and included in accumulated other comprehensive income (loss) at December 31, 2013 and 2012 are shown below, including amounts recognized in other comprehensive income during the periods. All amounts are shown on a pre-tax basis.
(In thousands)

| 2013 | 2012 |
| :--- | :--- |
| $\$-$ | $\$-$ |

Prior service credit (cost)
(25,479 ) (43,8
Accumulated loss
Accumulated other comprehensive loss
(25,479 ) (43,849 )
Cumulative employer contributions in excess of net periodic benefit cost
Net amount recognized as an accrued benefit liability on the December 31 balance sheet
Net gain (loss) arising during period
18,978
20,536

Amortization of net loss
\$(6,501 ) \$(23,313 )

Total recognized in other comprehensive income \$15,285 $\quad \$(12,447)$

Total income (expense) recognized in net periodic pension cost and other
comprehensive income
3,085 2,953

$$
410070-100
$$

\$18,370
\$(9,494 )
\$16,743 $\quad \$(11,935)$

The estimated net loss to be amortized from accumulated other comprehensive income into net periodic pension cost in 2014 is $\$ 1.4$ million.

The following assumptions, on a weighted average basis, were used in accounting for the plans.
Determination of benefit obligation at year end:

| Discount rate | 4.55 | $\% 3.65$ | $\% 4.80$ | $\%$ |
| :--- | :--- | :--- | :--- | :--- |
| Assumed credit on cash balance accounts | 5.00 | $\% 5.00$ | $\% 5.00$ | $\%$ |
| Determination of net periodic benefit cost for year ended: |  |  |  |  |
| Discount rate | 3.65 | $\% 4.80$ | $\% 5.40$ | $\%$ |
| Long-term rate of return on assets | 6.50 | $\% 6.50$ | $\% 7.00$ | $\%$ |
| Assumed credit on cash balance accounts | 5.00 | $\% 5.00$ | $\% 5.00$ | $\%$ |

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The following table shows the fair values of the Company's pension plan assets by asset category at December 31, 2013 and 2012. Information about the valuation techniques and inputs used to measure fair value are provided in Note 16 on Fair Value Measurements.

| (In thousands) | Total Fair Value | Fair Value Measurements |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Quoted Prices Significant |  |  |
|  |  | Markets for | Other | Unobservable |
|  |  | Identical | Observable | Inputs (Level |
|  |  | Assets | Inputs (Level |  |
|  |  | (Level 1) | 2) |  |

December 31, 2013
Assets:

| U.S. government obligations | \$901 | \$901 | \$- | \$- |
| :---: | :---: | :---: | :---: | :---: |
| Government-sponsored enterprise obligations ${ }^{(a)}$ | 2,512 | - | 2,512 | - |
| State and municipal obligations | 7,270 | - | 7,270 | - |
| Agency mortgage-backed securities ${ }^{(b)}$ | 1,744 | - | 1,744 | - |
| Non-agency mortgage-backed securities | 6,156 | - | 6,156 | - |
| Asset-backed securities | 5,985 | - | 5,985 | - |
| Corporate bonds ${ }^{(c)}$ | 36,345 | - | 36,345 | - |
| Equity securities and mutual funds: ${ }^{\text {(d) }}$ |  |  |  |  |
| U.S. large-cap | 23,677 | 23,677 | - | - |
| U.S. mid-cap | 13,864 | 13,864 | - | - |
| U.S. small-cap | 4,331 | 4,331 | - | - |
| International developed markets | 857 | 857 | - | - |
| Emerging markets | 659 | 659 | - | - |
| Money market funds | 2,871 | 2,871 | - | - |
| Total | \$ 107,172 | \$47,160 | \$60,012 | \$- |

December 31, 2012
Assets:

| Cash | \$31 | \$31 | \$- | \$- |
| :---: | :---: | :---: | :---: | :---: |
| U.S. government obligations | 343 | 343 | - | - |
| Government-sponsored enterprise obligations ${ }^{(a)}$ | 6,930 | - | 6,930 | - |
| State and municipal obligations | 5,700 | - | 5,700 | - |
| Agency mortgage-backed securities ${ }^{(b)}$ | 3,000 | - | 3,000 | - |
| Non-agency mortgage-backed securities | 6,936 | - | 6,936 | - |
| Asset-backed securities | 7,125 | - | 7,125 | - |
| Corporate bonds ${ }^{(c)}$ | 27,653 | - | 27,653 | - |
| Equity securities and mutual funds: ${ }^{(d)}$ |  |  |  |  |
| U.S. large-cap | 22,400 | 22,400 | - | - |
| U.S. mid-cap | 12,600 | 12,600 | - | - |
| U.S. small-cap | 3,792 | 3,792 | - | - |
| International developed markets | 908 | 908 | - | - |
| Emerging markets | 916 | 916 | - | - |
| Money market funds | 3,500 | 3,500 | - | - |
| Total | \$ 101,834 | \$44,490 | \$57,344 | \$- |

(a) This category represents bonds (excluding mortgage-backed securities) issued by agencies such as the Federal
${ }^{(a)}$ Home Loan Bank, the Federal Home Loan Mortgage Corp and the Federal National Mortgage Association.
(b)This category represents mortgage-backed securities issued by the agencies mentioned in (a).
(c)

This category represents investment grade bonds issued in the U.S., primarily by domestic issuers, representing diverse industries.
(d) This category represents investments in individual common stocks and equity funds. These holdings are ${ }^{d}$ diversified, largely across the financial services, consumer goods, healthcare, technology, and energy sectors.

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The investment policy of the pension plan is designed for growth in value within limits designed to safeguard against significant losses within the portfolio. The policy sets guidelines regarding the types of investments held that may change from time to time, currently including items such as holding bonds rated investment grade or better and prohibiting investment in Company stock. The plan does not utilize derivatives. Management believes there are no significant concentrations of risk within the plan asset portfolio at December 31, 2013. Under the current policy, the long-term investment target mix for the plan is $35 \%$ equity securities and $65 \%$ fixed income securities. The Company regularly reviews its policies on investment mix and may make changes depending on economic conditions and perceived investment risk.

The discount rate is based on matching the Company's estimated plan cash flows to a yield curve derived from a portfolio of corporate bonds rated AA by either Moody's or Standard and Poor's.

The assumed overall expected long-term rate of return on pension plan assets used in calculating 2013 pension plan expense was $6.5 \%$. Determination of the plan's expected rate of return is based upon historical and anticipated returns of the asset classes invested in by the pension plan and the allocation strategy currently in place among those classes. The rate used in plan calculations may be adjusted by management for current trends in the economic environment. The 10-year annualized return for the Company's pension plan was $7.2 \%$. During 2013, the plan's rate of return was $11.1 \%$, compared to $8.4 \%$ in 2012. Because a portion of the plan's investments are equity securities, the actual return for any one plan year is affected by changes in the stock market. Due to positive investment returns experienced in 2013 and an increase in the discount rate, the Company expects to incur pension expense of $\$ 773$ thousand in 2014, compared to $\$ 1.6$ million in 2013.

The following future benefit payments are expected to be paid:
(In thousands)
2014
\$5,958
2015
6,234
2016
6,551
2017
6,731
2018
6,940
2019-2023
36,258

## 11. Stock-Based Compensation and Directors Stock Purchase Plan*

The Company's stock-based compensation is provided under a stockholder-approved plan which allows for issuance of various types of awards, including stock options, stock appreciation rights, restricted stock and restricted stock units, performance awards and stock-based awards. At December 31, 2013, 3,729,477 shares remained available for issuance under the plan. The stock-based compensation expense that was charged against income was $\$ 6.4$ million, $\$ 5.0$ million and $\$ 4.7$ million for the years ended December 31, 2013, 2012 and 2011, respectively. The total income tax benefit recognized in the income statement for share-based compensation arrangements was $\$ 2.4$ million, $\$ 1.9$ million and $\$ 1.8$ million for the years ended December 31, 2013, 2012 and 2011, respectively.

During 2013, stock-based compensation was issued in the form of nonvested stock awards and stock appreciation rights, while in 2012, stock-based compensation was issued solely in the form of nonvested stock awards. Nonvested stock is awarded to key employees, by action of the Company's Compensation and Human Resources Committee and Board of Directors. These awards generally vest after 4 to 7 years of continued employment, but vesting terms may vary according to the specifics of the individual grant agreement. There are restrictions as to transferability, sale, pledging, or assigning, among others, prior to the end of the vesting period. Dividend and voting rights are conferred upon grant. A summary of the status of the Company's nonvested share awards as of December 31, 2013 and changes during the year then ended is presented below.

Shares

|  |  | Weighted Average <br> Grant Date Fair |
| :--- | :--- | :--- |
| Value |  |  |

The total fair value (at vest date) of shares vested during 2013, 2012 and 2011 was $\$ 2.1$ million, $\$ 2.1$ million and $\$ 1.6$ million, respectively.

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Stock appreciation rights (SARs) and stock options are granted with exercise prices equal to the market price of the Company's stock at the date of grant. SARs, which the Company granted in 2006 through 2009, and again in 2013, vest ratably over four years of continuous service and have 10 -year contractual terms. All SARs must be settled in stock under provisions of the plan. Stock options, which were granted in 2005 and previous years, vested ratably over three years of continuous service, and also have 10-year contractual terms.

In determining compensation cost, the Black-Scholes option-pricing model is used to estimate the fair value of options and SARs on date of grant. The Black-Scholes model is a closed-end model that uses various assumptions as shown in the following table. Expected volatility is based on historical volatility of the Company's stock. The Company uses historical exercise behavior and other factors to estimate the expected term of the options and SARs, which represents the period of time that the options and SARs granted are expected to be outstanding. The risk-free rate for the expected term is based on the U.S. Treasury zero coupon spot rates in effect at the time of grant. The per share average fair value and the model assumptions for SARs granted in 2013 are shown in the table below. Weighted per share average fair value at grant date
$\$ 6.82$
Assumptions:
Dividend yield $\quad 2.3 \quad \%$
Volatility 23.2
Risk-free interest rate
1.2

Expected term
7.3 years

A summary of option activity during 2013 is presented below.

|  | Shares | Weighted <br> Average <br> Exercise <br> Price | Weighted <br> Average <br> Remaining <br> Contractual |
| :--- | :--- | :--- | :--- |
| Agalue |  |  |  |
| Intringic |  |  |  |

A summary of SAR activity during 2013 is presented below.

| (Dollars in thousands, except per share data) | Shares | Weighted <br> Average <br> Exercise <br> Price | Weighted <br> Average <br> Remaining <br> Contractual <br> Term | Aggregate <br> Intrinsic <br> Value |
| :---: | :---: | :---: | :---: | :---: |
| Outstanding at January 1,2013 | 1,876,523 | \$34.35 |  |  |
| Granted | 224,282 | 37.17 |  |  |
| Forfeited | (2,954 | ) 33.19 |  |  |
| Expired | - | - |  |  |
| Exercised | (339,597 | ) 34.54 |  |  |
| Outstanding at December 31, 2013 | 1,758,254 | \$34.68 | 4.0 years | \$17,993 |
| Exercisable at December 31, 2013 | 1,535,329 | \$34.32 | 3.2 years | \$16,267 |
| Vested and expected to vest at December 31, 2013 | 1,748,676 | \$34.66 | 4.0 years | \$17,919 |

Additional information about stock options and SARs exercised is presented below.

| (In thousands) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- |
| Intrinsic value of options and SARs exercised | $\$ 6,580$ | $\$ 7,769$ | $\$ 6,722$ |
| Cash received from options and SARs exercised | $\$ 9,426$ | $\$ 14,820$ | $\$ 14,604$ |
| Tax benefit realized from options and SARs exercised | $\$ 335$ | $\$ 1,269$ | $\$ 847$ |

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As of December 31, 2013, there was $\$ 20.5$ million of unrecognized compensation cost (net of estimated forfeitures) related to unvested SARs and stock awards. That cost is expected to be recognized over a weighted average period of 3.4 years.

The Company has a directors stock purchase plan whereby outside directors of the Company and its subsidiaries may elect to use their directors' fees to purchase Company stock at market value each month end. Remaining shares available for issuance under this plan were 137,337 at December 31, 2013. In 2013, 20,222 shares were purchased at an average price of $\$ 40.39$ and in 2012, 21,751 shares were purchased at an average price of $\$ 35.32$.

* All share and per share amounts in this note have been restated for the 5\% stock dividend distributed in 2013.


## 12. Accumulated Other Comprehensive Income

The table below shows the activity and accumulated balances for components of other comprehensive income. The largest component is the unrealized holding gains and losses on available for sale securities. Unrealized gains and losses on debt securities for which an other-than-temporary impairment (OTTI) has been recorded in current earnings are shown separately below. The other component is amortization from other comprehensive income of losses associated with pension benefits, which occurs as the amortization is included in current net periodic benefit cost.

| (In thousands) | Unrealized Gains (Losses) on Securities (1) |  | Pension <br> Loss (2) | Total <br> Accumulated <br> Other <br> Comprehensive Income |
| :---: | :---: | :---: | :---: | :---: |
|  | OTTI | Other |  |  |
| Balance January 1, 2013 | \$3,245 | \$160,263 | \$(27,164 | )\$136,344 |
| Other comprehensive income (loss) before reclassifications | 261 | (222,628 | ) 15,285 | (207,082 |
| Amounts reclassified from accumulated other comprehensive income | 1,284 | (1,501 | )3,085 | 2,868 |
| Current period other comprehensive income (loss), before tax | 1,545 | (224,129 | )18,370 | (204,214 |
| Income tax (expense) benefit | (587 | )85,169 | (6,981 | )77,601 |
| Current period other comprehensive income (loss), net of tax | 958 | (138,960 | )11,389 | (126,613 |
| Balance December 31, 2013 | \$4,203 | \$21,303 | \$(15,775 | )\$9,731 |
| Balance January 1, 2012 | \$(4,321 | )\$136,137 | \$(21,278 | )\$110,538 |
| Other comprehensive income (loss) before reclassifications | 10,713 | 39,271 | (12,447 | )37,537 |
| Amounts reclassified from accumulated other comprehensive income | 1,490 | (357 | )2,953 | 4,086 |
| Current period other comprehensive income (loss), before tax | 12,203 | 38,914 | (9,494 | )41,623 |
| Income tax (expense) benefit | (4,637 | )(14,788 | )3,608 | (15,817 |
| Current period other comprehensive income (loss), net of tax | 7,566 | 24,126 | (5,886 | )25,806 |
| Balance December 31, 2012 | \$3,245 | \$160,263 | \$(27,164 | )\$136,344 |

(1) The pre-tax amounts reclassified from accumulated other comprehensive income are included in "investment securities gains (losses), net" in the consolidated statements of income.
(2) The pre-tax amounts reclassified from accumulated other comprehensive income are included in the computation of net periodic pension cost as "amortization of unrecognized net loss" (see Note 10).

## 13. Segments

The Company segregates financial information for use in assessing its performance and allocating resources among three operating segments: Consumer, Commercial and Wealth. The Consumer segment includes the consumer portion of the retail branch network (loans, deposits and other personal banking services), indirect and other consumer financing, and consumer debit and credit bank cards. The Commercial segment provides corporate lending (including the Small Business Banking product line within the branch network), leasing, international services, and business,
government deposit, and related commercial cash management services, as well as merchant and commercial bank card products. The Commercial segment also includes the Capital Markets Group, which sells fixed income securities and provides investment safekeeping and bond accounting services. The Wealth segment provides traditional trust and estate tax planning, advisory and discretionary investment management, and brokerage services, and includes the Private Banking product portfolio.

The Company's business line reporting system derives segment information from the internal profitability reporting system used by management to monitor and manage the financial performance of the Company. This information is based on internal management accounting policies, which have been developed to reflect the underlying economics of the businesses. The policies address the methodologies applied in connection with funds transfer pricing and assignment of overhead costs among segments. Funds transfer pricing was used in the determination of net interest income by assigning a standard cost (credit) for funds used (provided) by assets and liabilities based on their maturity, prepayment and/or repricing characteristics. Income and expense that

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directly relate to segment operations are recorded in the segment when incurred. Expenses that indirectly support the segments are allocated based on the most appropriate method available.

The Company uses a funds transfer pricing method to value funds used (e.g., loans, fixed assets, and cash) and funds provided (e.g., deposits, borrowings, and equity) by the business segments and their components. This process assigns a specific value to each new source or use of funds with a maturity, based on current swap rates, thus determining an interest spread at the time of the transaction. Non-maturity assets and liabilities are valued using weighted average pools. The funds transfer pricing process attempts to remove interest rate risk from valuation, allowing management to compare profitability under various rate environments.

The following tables present selected financial information by segment and reconciliations of combined segment totals to consolidated totals. There were no material intersegment revenues between the three segments. Management periodically makes changes to methods of assigning costs and income to its business segments to better reflect operating results. If appropriate, these changes are reflected in prior year information presented below.

## Segment Income Statement Data

(In thousands)
Consumer Commercial Wealth
Segment $\quad$ Other/Elimination Consolidated
Totals
Year ended December 31, 2013:
$\left.\begin{array}{llllllll}\text { Net interest income } & \$ 268,283 & \$ 288,722 & \$ 40,194 & \$ 597,199 & \$ 22,173 & \$ 619,372 & \\ \text { Provision for loan losses } & (34,277 & ) 3,772 & (688 & )(31,193 & ) 10,840 & (20,353 & ) \\ \text { Non-interest income } & 113,377 & 186,446 & 116,765 & 416,588 & 1,798 & 418,386 & \\ \text { Investment securities losses, } & - & - & - & - & (4,425 & )\left(\begin{array}{lll}(4,425 & ) \\ \text { net } & & - \\ \text { Non-interest expense } & (270,209 & )(235,346 \\ \text { Income before income taxes } & \$ 77,174 & \$ 243,594 \\ \text { Incos } & \$ 59,741 & )(602,085 \\ \hline\end{array}\right)(27,548 & )(629,633\end{array}\right)$

Year ended December 31,
2012:

| Net interest income | $\$ 274,844$ | $\$ 290,968$ | $\$ 39,498$ | $\$ 605,310$ | $\$ 34,596$ | $\$ 639,906$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Provision for loan losses | $(35,496$ | $)(2,824$ | $)(695$ | $)(39,015$ | $) 11,728$ | $(27,287$ | $)$ |
| Non-interest income | 114,307 | 179,824 | 108,472 | 402,603 | $(2,973$ | $) 399,630$ |  |
| Investment securities gains, | - | - | - | - | 4,828 | 4,828 |  |
| net | $(266,740$ | $)(226,935$ | $)(90,659$ | $)(584,334$ | $)(34,135$ | $)(618,469$ | $)$ |
| Non-interest expense | $\$ 24,033$ | $\$ 56,616$ | $\$ 384,564$ | $\$ 14,044$ | $\$ 398,608$ |  |  |

Year ended December 31, 2011:

| Net interest income | $\$ 283,555$ | $\$ 283,790$ | $\$ 38,862$ | $\$ 606,207$ | $\$ 39,863$ | $\$ 646,070$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Provision for loan losses | $(47,273$ | $)(16,195$ | $)(712$ | $)(64,180$ | $) 12,665$ | $(51,515$ | $)$ |
| Non-interest income | 131,253 | 162,533 | 101,836 | 395,622 | $(2,705$ | $) 392,917$ |  |
| Investment securities gains, | - | - | - | - | 10,812 | 10,812 |  |
| net | $(269,435$ | $)(221,273$ | $)(89,108$ | $)(579,816$ | $)(37,433$ | $)$ | $(617,249$ |
| Non-interest expense | $\$ 98,100$ | $\$ 208,855$ | $\$ 50,878$ | $\$ 357,833$ | $\$ 23,202$ | $\$ 381,035$ |  |

The segment activity, as shown above, includes both direct and allocated items. Amounts in the "Other/Elimination" column include activity not related to the segments, such as that relating to administrative functions, the investment securities portfolio, and the effect of certain expense allocations to the segments. The provision for loan losses in this
category contains the difference between net loan charge-offs assigned directly to the segments and the recorded provision for loan loss expense. Included in this category's net interest income are earnings of the investment portfolio, which are not allocated to a segment.

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Segment Balance Sheet Data

| (In thousands) | Consumer | Commercial | Wealth | Segment <br> Totals | Other/Elimination Consolidated |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Totals |  |  |  |  |  |  |

The above segment balances include only those items directly associated with the segment. The "Other/Elimination" column includes unallocated bank balances not associated with a segment (such as investment securities and federal funds sold), balances relating to certain other administrative and corporate functions, and eliminations between segment and non-segment balances. This column also includes the resulting effect of allocating such items as float, deposit reserve and capital for the purpose of computing the cost or credit for funds used/provided.

The Company's reportable segments are strategic lines of business that offer different products and services. They are managed separately because each line services a specific customer need, requiring different performance measurement analyses and marketing strategies. The performance measurement of the segments is based on the management structure of the Company and is not necessarily comparable with similar information for any other financial institution. The information is also not necessarily indicative of the segments' financial condition and results of operations if they were independent entities.

## 14. Common Stock

On December 16, 2013, the Company distributed a $5 \%$ stock dividend on its $\$ 5$ par common stock for the twentieth consecutive year. All per share data in this report has been restated to reflect the stock dividend.

Basic income per share is computed by dividing income available to common shareholders by the weighted average number of common shares outstanding during the year. Diluted income per share gives effect to all dilutive potential common shares that were outstanding during the year. Presented below is a summary of the components used to calculate basic and diluted income per share, which have been restated for all stock dividends.

The Company applies the two-class method of computing income per share. Under current guidance, nonvested share-based awards that contain nonforfeitable rights to dividends are considered securities which participate in undistributed earnings with common stock. The two-class method requires the calculation of separate income per share amounts for the nonvested share-based awards and for common stock. Income per share attributable to common stock is shown in the following table. Nonvested share-based awards are further discussed in Note 11 on Stock-Based Compensation.

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| (In thousands, except per share data) | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- |
| Basic income per common share: |  |  |  |
| Net income attributable to Commerce Bancshares, Inc. | $\$ 260,961$ | $\$ 269,329$ | $\$ 256,343$ |
| Less income allocated to nonvested restricted stockholders | 2,939 | 2,563 | 1,846 |
| Net income available to common stockholders | $\$ 258,022$ | $\$ 266,766$ | $\$ 254,497$ |
| Weighted average common shares outstanding | 94,585 | 96,195 | 99,086 |
| Basic income per common share | $\$ 2.73$ | $\$ 2.77$ | $\$ 2.57$ |
| Diluted income per common share: <br> Net income attributable to Commerce Bancshares, Inc. | $\$ 260,961$ | $\$ 269,329$ | $\$ 256,343$ |
| Less income allocated to nonvested restricted stockholders <br> Net income available to common stockholders | 2,931 | 2,562 | 1,842 |
| Weighted average common shares outstanding | $\$ 258,030$ | $\$ 266,767$ | $\$ 254,501$ |
| Net effect of the assumed exercise of stock-based awards <br> the based on | 94,585 | 96,195 | 99,086 |
| respective periods | 398 | 294 | 362 |
| Weighted average diluted common shares outstanding |  |  |  |
| Diluted income per common share | 94,983 | 96,489 | 99,448 |

Nearly all unexercised stock options and stock appreciation rights were included in the computations of diluted income per share for the years ended December 31, 2013 and 2012. Unexercised options and rights of 1.2 million were excluded from the computation of diluted income per share for the year ended December 31, 2011, because their inclusion would have been anti-dilutive.

The table below shows activity in the outstanding shares of the Company's common stock during the past three years. Shares in the table below are presented on an historical basis and have not been restated for the annual $5 \%$ stock dividends.

|  | Years Ended December 31 |  |  |
| :--- | :--- | :--- | :--- |
| (In thousands) | 2013 | 2012 | 2011 |
| Shares outstanding at January 1 | 91,414 | 88,952 | 86,624 |
| Issuance of stock: |  |  |  |
| Awards and sales under employee and director plans | 653 | 837 | 724 |
| $5 \%$ stock dividend | 4,565 | 4,352 | 4,231 |
| Summit acquisition | 1,000 | - | - |
| Purchases of treasury stock | $(1,742$ | $)(2,716$ | $)(2,622$ |
| Other | $(9$ | $)(11$ | $)(5$ |
| Shares outstanding at December 31 | 95,881 | 91,414 | 88,952 |$)$

The Company maintains a treasury stock buyback program authorized by its Board of Directors. At December 31, 2013, $3,492,265$ shares were available for purchase under the current Board authorization.

## 15. Regulatory Capital Requirements

The Company is subject to various regulatory capital requirements administered by the federal banking agencies. Failure to meet minimum capital requirements can initiate certain mandatory and additional discretionary actions by regulators that could have a direct material effect on the Company's financial statements. The regulations require the Company to meet specific capital adequacy guidelines that involve quantitative measures of the Company's assets, liabilities and certain off-balance sheet items as calculated under regulatory accounting practices. The Company's capital classification is also subject to qualitative judgments by the regulators about components, risk weightings and other factors.

Quantitative measures established by regulation to ensure capital adequacy require the Company and the Bank to maintain minimum amounts and ratios of Tier I capital to total average assets (leverage ratio), and minimum ratios of Tier I and Total capital to risk-weighted assets (as defined). To meet minimum, adequately capitalized regulatory requirements, an institution must maintain a Tier I capital ratio of $4.00 \%$, a Total capital ratio of $8.00 \%$ and a leverage ratio of $4.00 \%$. The minimum required ratios for well-capitalized banks (under prompt corrective action provisions) are $6.00 \%$ for Tier I capital, $10.00 \%$ for Total capital and $5.00 \%$ for the leverage ratio.

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The following tables show the capital amounts and ratios for the Company (on a consolidated basis) and the Bank, together with the minimum and well-capitalized capital requirements, at the last two year ends.

|  | Actual |  | Minimum Capital Requirement |  |  |  | Well-Capitalized Capital Requirement |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Dollars in thousands) | Amount | Ratio |  | Amount | Ratio |  | Amount | Ratio |  |
| December 31, 2013 |  |  |  |  |  |  |  |  |  |
| Total Capital (to risk-weighted assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$2,239,636 | 15.28 | \% | \$1,172,843 | 8.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,971,850 | 13.55 |  | 1,164,469 | 8.00 |  | \$1,455,586 | 10.00 | \% |
| Tier I Capital (to risk-weighted assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$2,061,761 | 14.06 | \% | \$586,421 | 4.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,809,231 | 12.43 |  | 582,234 | 4.00 |  | \$873,351 | 6.00 | \% |
| Tier I Capital (to adjusted quarterly average assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$2,061,761 | 9.43 | \% | \$874,673 | 4.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,809,231 | 8.31 |  | 871,050 | 4.00 |  | \$1,088,812 | 5.00 | \% |
| December 31, 2012 |  |  |  |  |  |  |  |  |  |
| Total Capital (to risk-weighted assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$2,092,141 | 14.93 | \% | \$1,121,252 | 8.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,887,251 | 13.60 |  | 1,110,330 | 8.00 |  | \$1,387,912 | 10.00 | \% |
| Tier I Capital (to risk-weighted assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$1,906,203 | 13.60 | \% | \$560,626 | 4.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,713,752 | 12.35 |  | 555,165 | 4.00 |  | \$832,747 | 6.00 | \% |
| Tier I Capital (to adjusted quarterly average assets): |  |  |  |  |  |  |  |  |  |
| Commerce Bancshares, Inc. (consolidated) | \$1,906,203 | 9.14 | \% | \$834,171 | 4.00 | \% | N.A. | N.A. |  |
| Commerce Bank | 1,713,752 | 8.26 |  | 829,711 | 4.00 |  | \$ 1,037,139 | 5.00 | \% |

At December 31, 2013, the Company met all capital requirements to which it is subject, and the Bank's capital position exceeded the regulatory definition of well-capitalized.

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## 16. Fair Value Measurements

The Company uses fair value measurements to record fair value adjustments to certain financial and nonfinancial assets and liabilities and to determine fair value disclosures. Various financial instruments such as available for sale and trading securities, certain non-marketable securities relating to private equity activities, and derivatives are recorded at fair value on a recurring basis. Additionally, from time to time, the Company may be required to record at fair value other assets and liabilities on a nonrecurring basis, such as loans held for sale, mortgage servicing rights and certain other investment securities. These nonrecurring fair value adjustments typically involve lower of cost or fair value accounting, or write-downs of individual assets.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Depending on the nature of the asset or liability, the Company uses various valuation techniques and assumptions when estimating fair value. For accounting disclosure purposes, a three-level valuation hierarchy of fair value measurements has been established. The valuation hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date. The three levels are defined as follows:
Level 1 - inputs to the valuation methodology are quoted prices for identical assets or liabilities in active markets. Level 2 - inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets and liabilities in markets that are not active, and inputs that are observable for the assets or liabilities, either directly or indirectly (such as interest rates, yield curves, and prepayment speeds). Level 3 - inputs to the valuation methodology are unobservable and significant to the fair value. These may be internally developed, using the Company's best information and assumptions that a market participant would consider. When determining the fair value measurements for assets and liabilities required or permitted to be recorded or disclosed at fair value, the Company considers the principal or most advantageous market in which it would transact and considers assumptions that market participants would use when pricing the asset or liability. When possible, the Company looks to active and observable markets to price identical assets or liabilities. When identical assets and liabilities are not traded in active markets, the Company looks to observable market data for similar assets and liabilities. Nevertheless, certain assets and liabilities are not actively traded in observable markets, and the Company must use alternative valuation techniques to derive an estimated fair value measurement.

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Instruments Measured at Fair Value on a Recurring Basis
The table below presents the carrying values of assets and liabilities measured at fair value on a recurring basis at December 31, 2013 and 2012. There were no transfers among levels during these years.

| (In thousands) | Total Fair <br> Value | Fair Value Measurements Using |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Quoted Prices in Active | Significant |  |
|  |  | Markets for | Other | Unobservable |
|  |  | Identical | Observable | Inputs |
|  |  | Assets | Inputs (Level | (Level 3) |
|  |  | (Level 1) | 2) |  |

December 31, 2013
Assets:
Available for sale securities:
U.S. government and federal agency obligations

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
Equity securities
Trading securities
Private equity investments

| $\$ 505,696$ | $\$ 505,696$ | $\$-$ | $\$-$ |
| :--- | :--- | :--- | :--- |
| 741,766 | - | 741,766 | - |
| $1,619,171$ | - | $1,491,447$ | 127,724 |
| $2,772,338$ | - | $2,772,338$ | - |
| 246,983 | - | 246,983 | - |
| $2,844,071$ | - | $2,844,071$ | - |
| 141,757 | - | 141,757 | - |
| 43,898 | 24,646 | 19,252 | - |
| 19,993 | - | 19,993 | - |
| 56,612 | - | - | 56,612 |
| 12,980 | - | 12,976 | 4 |
| 7,511 | 7,511 | - | - |
| $9,012,776$ | 537,853 | $8,290,583$ | 184,340 |
| 13,329 | - |  |  |
| $\$ 13,329$ | $\$-$ | $\$ 13,260$ | $\$ 69$ |

Derivatives*
Assets held in trust
Total assets
Liabilities:
Derivatives *
Total liabilities
\$13,329
\$13,260
December 31, 2012
Assets:
Available for sale securities:
U.S. government and federal agency obligations

Government-sponsored enterprise obligations
State and municipal obligations
Agency mortgage-backed securities
Non-agency mortgage-backed securities
Asset-backed securities
Other debt securities
Equity securities
Trading securities
Private equity investments
Derivatives *
Assets held in trust
Total assets

| $\$ 438,759$ | $\$ 438,759$ | $\$-$ | $\$-$ |
| :--- | :--- | :--- | :--- |
| 471,574 | - | 471,574 | - |
| $1,615,707$ | - | $1,489,293$ | 126,414 |
| $3,380,955$ | - | $3,380,955$ | - |
| 237,011 | - | 237,011 | - |
| $3,167,394$ | - | $3,167,394$ | - |
| 177,752 | - | 177,752 | - |
| 33,096 | 17,835 | 15,261 | - |
| 28,837 | - | 28,837 | - |
| 68,167 | - | - | 68,167 |
| 16,740 | - | 16,731 | 9 |
| 5,440 | 5,440 | - | - |
| $9,641,432$ | 462,034 | $8,984,808$ | 194,590 |
| 17,718 | - |  |  |
| $\$ 17,718$ | $\$-$ | 17,522 | 196 |
|  | $\$ 17,522$ | $\$ 196$ |  |

Liabilities:
Derivatives *
Total liabilities
$\$ 17,718$
Note 18.
*The fair value of each class of derivative is shown in Note 18.

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Valuation methods for instruments measured at fair value on a recurring basis
Following is a description of the Company's valuation methodologies used for instruments measured at fair value on a recurring basis:

Available for sale investment securities
For available for sale securities, changes in fair value, including that portion of other-than-temporary impairment unrelated to credit loss, are recorded in other comprehensive income. As mentioned in Note 4 on Investment Securities, the Company records the credit-related portion of other-than-temporary impairment in current earnings. This portfolio comprises the majority of the assets which the Company records at fair value. Most of the portfolio, which includes government-sponsored enterprise, mortgage-backed and asset-backed securities, are priced utilizing industry-standard models that consider various assumptions, including time value, yield curves, volatility factors, prepayment speeds, default rates, loss severity, current market and contractual prices for the underlying financial instruments, as well as other relevant economic measures. Substantially all of these assumptions are observable in the marketplace, can be derived from observable data, or are supported by observable levels at which transactions are executed in the marketplace. These measurements are classified as Level 2 in the fair value hierarchy. Where quoted prices are available in an active market, the measurements are classified as Level 1. Most of the Level 1 measurements apply to equity securities and U.S. Treasury obligations.

The fair values of Level 1 and 2 securities (excluding equity securities) in the available for sale portfolio are prices provided by a third-party pricing service. The prices provided by the third-party pricing service are based on observable market inputs, as described in the sections below. On a quarterly basis, the Company compares a sample of these prices to other independent sources for the same and similar securities. Variances are analyzed, and, if appropriate, additional research is conducted with the third-party pricing service. Based on this research, the pricing service may affirm or revise its quoted price. No significant adjustments have been made to the prices provided by the pricing service. The pricing service also provides documentation on an ongoing basis that includes reference data, inputs and methodology by asset class, which is reviewed to ensure that security placement within the fair value hierarchy is appropriate.
Valuation methods and inputs, by class of security:
U.S. government and federal agency obligations
U.S. treasury bills, bonds and notes, including inflation-protected securities, are valued using live data from active market makers and inter-dealer brokers. Valuations for stripped coupon and principal issues are derived from yield curves generated from various dealer contacts and live data sources.
Government-sponsored enterprise obligations
Government-sponsored enterprise obligations are evaluated using cash flow valuation models. Inputs used are live market data, cash settlements, Treasury market yields, and floating rate indices such as LIBOR, CMT, and Prime. State and municipal obligations, excluding auction rate securities
A yield curve is generated and applied to bond sectors, and individual bond valuations are extrapolated. Inputs used to generate the yield curve are bellwether issue levels, established trading spreads between similar issuers or credits, historical trading spreads over widely accepted market benchmarks, new issue scales, and verified bid information. Bid information is verified by corroborating the data against external sources such as broker-dealers, trustees/paying agents, issuers, or non-affiliated bondholders.
Mortgage and asset-backed securities
Collateralized mortgage obligations and other asset-backed securities are valued at the tranche level. For each tranche valuation, the process generates predicted cash flows for the tranche, applies a market based (or benchmark) yield/spread for each tranche, and incorporates deal collateral performance and tranche level attributes to determine tranche-specific spreads to adjust the benchmark yield. Tranche cash flows are generated from new deal files and prepayment/default assumptions. Tranche spreads are based on tranche characteristics such as average life, type, volatility, ratings, underlying collateral and performance, and prevailing market conditions. The appropriate tranche spread is applied to the corresponding benchmark, and the resulting value is used to discount the cash flows to
generate an evaluated price.
Valuation of agency pass-through securities, typically issued under GNMA, FNMA, FHLMC, and SBA programs, are primarily derived from information from the To Be Announced (TBA) market. This market consists of generic mortgage pools which have not been received for settlement. Snapshots of the TBA market, using live data feeds distributed by multiple electronic platforms, are used in conjunction with other indices to compute a price based on discounted cash flow models.

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Other debt securities
Other debt securities are valued using active markets and inter-dealer brokers as well as bullet spread scales and option adjusted spreads. The spreads and models use yield curves, terms and conditions of the bonds, and any special features (e.g., call or put options and redemption features).

## Equity securities

Equity securities are priced using the market prices for each security from the major stock exchanges or other electronic quotation systems. These are generally classified as Level 1 measurements. Stocks which trade infrequently are classified as Level 2.

The available for sale portfolio includes certain auction rate securities. The auction process by which the auction rate securities are normally priced has not functioned in recent years, and due to the illiquidity in the market, the fair value of these securities cannot be based on observable market prices. The fair values of these securities are estimated using a discounted cash flows analysis which is discussed more fully in the Level 3 Inputs section of this note. Because many of the inputs significant to the measurement are not observable, these measurements are classified as Level 3 measurements.

## Trading securities

The securities in the Company's trading portfolio are priced by averaging several broker quotes for similar instruments and are classified as Level 2 measurements.

## Private equity investments

These securities are held by the Company's private equity subsidiaries and are included in non-marketable investment securities in the consolidated balance sheets. Due to the absence of quoted market prices, valuation of these nonpublic investments requires significant management judgment. These fair value measurements, which are discussed in the Level 3 Inputs section of this note, are classified as Level 3.

Derivatives
The Company's derivative instruments include interest rate swaps, foreign exchange forward contracts, commitments and sales contracts related to personal mortgage loan origination activity, and certain credit risk guarantee agreements. When appropriate, the impact of credit standing as well as any potential credit enhancements, such as collateral, has been considered in the fair value measurement.
Valuations for interest rate swaps are derived from a proprietary model whose significant inputs are readily observable market parameters, primarily yield curves used to calculate current exposure. Counterparty credit risk is incorporated into the model and calculated by applying a net credit spread over LIBOR to the swap's total expected exposure over time. The net credit spread is comprised of spreads for both the Company and its counterparty, derived from probability of default and other loss estimate information obtained from a third party credit data provider or from the Company's Credit Department when not otherwise available. The credit risk component is not significant compared to the overall fair value of the swaps. The results of the model are constantly validated through comparison to active trading in the marketplace. These fair value measurements are classified as Level 2.
Fair value measurements for foreign exchange contracts are derived from a model whose primary inputs are quotations from global market makers and are classified as Level 2.
The fair values of mortgage loan commitments and forward sales contracts on the associated loans are based on quoted prices for similar loans in the secondary market. These prices include the value of loan servicing rights. However, these prices are adjusted by a factor which considers the likelihood that a commitment will ultimately result in a closed loan. This estimate is based on the Company's historical data and its judgment about future economic trends. Based on the unobservable nature of this adjustment, these measurements are classified as Level 3. The Company's contracts related to credit risk guarantees are valued under a proprietary model which uses unobservable inputs and assumptions about the creditworthiness of the counterparty (generally a Bank customer). Customer credit spreads, which are based on probability of default and other loss estimates, are calculated internally
by the Company's Credit Department, as mentioned above, and are based on the Company's internal risk rating for each customer. Because these inputs are significant to the measurements, they are classified as Level 3.

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Assets held in trust
Assets held in an outside trust for the Company's deferred compensation plan consist of investments in mutual funds. The fair value measurements are based on quoted prices in active markets and classified as Level 1 . The Company has recorded an asset representing the total investment amount. The Company has also recorded a corresponding nonfinancial liability, representing the Company's liability to the plan participants.

The changes in Level 3 assets and liabilities measured at fair value on a recurring basis are summarized as follows:


Year ended December 31, 2013:
Balance at January 1, 2013
Total gains or losses (realized/unrealized):
Included in earnings
Included in other comprehensive income
Investment securities called
Discount accretion
Purchases of private equity securities
Sale / paydown of private equity securities
Capitalized interest/dividends
Sale of risk participation agreement
Balance at December 31, 2013
Total gains or losses for the annual period included in earnings attributable to the change in unrealized gains or losses relating to assets still held at December 31, 2013
Year ended December 31, 2012:
Balance at January 1, 2012
Total gains or losses (realized/unrealized):
Included in earnings
Included in other comprehensive income
Investment securities called
Discount accretion
Purchases of private equity securities
Sale / paydown of private equity securities
Capitalized interest/dividends
Purchase of risk participation agreement
Sale of risk participation agreement
Balance at December 31, 2012
Total gains or losses for the annual period included in earnings attributable to the change in unrealized gains or losses relating to assets still held at December 31, 2012

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Gains and losses on the Level 3 assets and liabilities in the table above are reported in the following income categories:
(In thousands)

Year ended December 31, 2013:
Total gains or losses included in earnings
Change in unrealized gains or losses relating to assets still held at December 31, 2013
Year ended December 31, 2012:
Total gains or losses included in earnings
Change in unrealized gains or losses relating to assets still held at December 31, 2012

| Loan Fees and <br> Sales | Other <br> Non-Interest <br> Income | Investment <br> Securities <br> Gains (Losses), <br> Net |  |
| :--- | :--- | :--- | :--- | :--- |
| $\$-$ | $\$ 234$ | $\$(2,971$ | Total |

Level 3 Inputs
As shown above, the Company's significant Level 3 measurements which employ unobservable inputs that are readily quantifiable pertain to auction rate securities (ARS) held by the Bank and investments in portfolio concerns held by the Company's private equity subsidiaries. ARS are included in state and municipal securities and totaled $\$ 127.7$ million at December 31, 2013, while private equity investments, included in non-marketable securities, totaled $\$ 56.6$ million.
Information about these inputs is presented in the table and discussions below.
Quantitative Information about Level 3 Fair Value Measurements

Auction rate securities

Private equity investments

Valuation Technique Unobservable Input
Discounted cash flow
Market comparable companies

Estimated market recovery period Estimated market rate

EBITDA multiple

## Range

| 4 | -5 years |
| :--- | :--- |
| $1.9 \%$ | $-4.1 \%$ |
| 4.0 | -5.5 |

The fair values of ARS are estimated using a discounted cash flows analysis in which estimated cash flows are based on mandatory interest rates paid under failing auctions and projected over an estimated market recovery period. Under normal conditions, ARS traded in weekly auctions and were considered liquid investments. The Company's estimate of when these auctions might resume is highly judgmental and subject to variation depending on current and projected market conditions. Few auctions of these securities have been held since 2008, and most sales have been privately arranged. Estimated cash flows during the period over which the Company expects to hold the securities are discounted at an estimated market rate. These securities are comprised of bonds issued by various states and municipalities for healthcare and student lending purposes, and market rates are derived for each type. Market rates are calculated at each valuation date using a LIBOR or Treasury based rate plus spreads representing adjustments for liquidity premium and nonperformance risk. The spreads are developed internally by employees in the Company's bond department. An increase in the holding period alone would result in a higher fair value measurement, while an increase in the estimated market rate (the discount rate) alone would result in a lower fair value measurement. The valuation of the ARS portfolio is reviewed on a quarterly basis by the Company's chief investment officers.

The fair values of the Company's private equity investments are based on a determination of fair value of the investee company less preference payments assuming the sale of the investee company. Investee companies are normally non-public entities. The fair value of the investee company is determined by reference to the investee's total earnings before interest, depreciation/amortization, and income taxes (EBITDA) multiplied by an EBITDA factor. EBITDA is normally determined based on a trailing prior period adjusted for specific factors including current economic outlook,

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investee management, and specific unique circumstances such as sales order information, major customer status, regulatory changes, etc. The EBITDA multiple is based on management's review of published trading multiples for recent private equity transactions and other judgments and is derived for each individual investee. The fair value of the Company's investment (which is usually a partial interest in the investee company) is then calculated based on its ownership percentage in the investee company. On a quarterly basis, these fair value analyses are reviewed by a valuation committee consisting of investment managers and senior Company management.

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Instruments Measured at Fair Value on a Nonrecurring Basis
For assets measured at fair value on a nonrecurring basis during 2013 and 2012, and still held as of December 31, 2013 and 2012, the following table provides the adjustments to fair value recognized during the respective periods, the level of valuation assumptions used to determine each adjustment, and the carrying value of the related individual assets or portfolios at December 31, 2013 and 2012.


Valuation methods for instruments measured at fair value on a nonrecurring basis Following is a description of the Company's valuation methodologies used for other financial and nonfinancial instruments measured at fair value on a nonrecurring basis.

Collateral dependent impaired loans
While the overall loan portfolio is not carried at fair value, the Company periodically records nonrecurring adjustments to the carrying value of loans based on fair value measurements for partial charge-offs of the uncollectible portions of those loans. Nonrecurring adjustments also include certain impairment amounts for collateral dependent loans when establishing the allowance for loan losses. Such amounts are generally based on the fair value of the underlying collateral supporting the loan. In determining the value of real estate collateral, the Company relies on external and internal appraisals of property values depending on the size and complexity of the real estate collateral. The Company maintains a staff of qualified appraisers who also review third party appraisal reports for reasonableness. In the case of non-real estate collateral, reliance is placed on a variety of sources, including external estimates of value and judgments based on the experience and expertise of internal specialists. Values of all loan collateral are regularly reviewed by credit administration. Unobservable inputs to these measurements, which include estimates and judgments often used in conjunction with appraisals, are not readily quantifiable. These measurements are classified as Level 3. Changes in fair value recognized for partial charge-offs of loans and loan impairment reserves on loans held by the Company at December 31, 2013 and 2012 are shown in the table above.

Loans held for sale
Loans held for sale are carried at the lower of cost or fair value. In recent periods, this portfolio consisted of student loans. Most of the portfolio was under contract to an agency which was unable to consistently purchase loans under existing contractual terms. Such loans were evaluated using a fair value measurement method based on a discounted cash flows analysis, which was classified as Level 3.
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Private equity investments and restricted stock
These assets are included in non-marketable investment securities in the consolidated balance sheets. They include certain investments in private equity concerns held by the Parent company which are carried at cost, reduced by other-than-temporary impairment. These investments are periodically evaluated for impairment based on their estimated fair value as determined by review of available information, most of which is provided as monthly or quarterly internal financial statements, annual audited financial statements, investee tax returns, and in certain situations, through research into and analysis of the assets and investments held by those private equity concerns. Restricted stock consists of stock issued by the Federal Reserve Bank and FHLB which is held by the bank subsidiary as required for regulatory purposes. Generally, there are restrictions on the sale and/or liquidation of these investments, and they are carried at cost, reduced by other-than-temporary impairment. Fair value measurements for these securities are classified as Level 3 .

## Mortgage servicing rights

The Company initially measures its mortgage servicing rights at fair value and amortizes them over the period of estimated net servicing income. They are periodically assessed for impairment based on fair value at the reporting date. Mortgage servicing rights do not trade in an active market with readily observable prices. Accordingly, the fair value is estimated based on a valuation model which calculates the present value of estimated future net servicing income. The model incorporates assumptions that market participants use in estimating future net servicing income, including estimates of prepayment speeds, market discount rates, cost to service, float earnings rates, and other ancillary income, including late fees. The fair value measurements are classified as Level 3.

Goodwill and core deposit premium
Valuation of goodwill to determine impairment is performed on an annual basis, or more frequently if there is an event or circumstance that would indicate impairment may have occurred. The process involves calculations to determine the fair value of each reporting unit on a stand-alone basis. A combination of formulas using current market multiples, based on recent sales of financial institutions within the Company's geographic marketplace, is used to estimate the fair value of each reporting unit. That fair value is compared to the carrying amount of the reporting unit, including its recorded goodwill. Impairment is considered to have occurred if the fair value of the reporting unit is lower than the carrying amount of the reporting unit. The fair value of the Company's common stock relative to its computed book value per share is also considered as part of the overall evaluation. These measurements are classified as Level 3.

Core deposit premiums are recognized at the time a portfolio of deposits is acquired, using valuation techniques which calculate the present value of the estimated net cost savings attributable to the core deposit base, relative to alternative costs of funds and tax benefits, if applicable, over the expected remaining economic life of the depositors. Subsequent evaluations are made when facts or circumstances indicate potential impairment may have occurred. The Company uses estimates of discounted future cash flows, comparisons with alternative sources for deposits, consideration of income potential generated in other product lines by current customers, geographic parameters, and other demographics to estimate a current fair value of a specific deposit base. If the calculated fair value is less than the carrying value, impairment is considered to have occurred. This measurement is classified as Level 3.

## Foreclosed assets

Foreclosed assets consist of loan collateral which has been repossessed through foreclosure. This collateral is comprised of commercial and residential real estate and other non-real estate property, including auto, marine and recreational vehicles. Foreclosed assets are recorded as held for sale initially at the lower of the loan balance or fair value of the collateral less estimated selling costs. Subsequent to foreclosure, valuations are updated periodically, and the assets may be marked down further, reflecting a new cost basis. Fair value measurements may be based upon appraisals, third-party price opinions, or internally developed pricing methods. These measurements are classified as Level 3.

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Long-lived assets
In accordance with ASC 360-10-35, investments in branch facilities and various office buildings are written down to estimated fair value, or estimated fair value less cost to sell if the property is held for sale. Fair value is estimated in a process which considers current local commercial real estate market conditions and the judgment of the sales agent and often involves obtaining third party appraisals from certified real estate appraisers. The carrying amounts of these real estate holdings are regularly monitored by real estate professionals employed by the Company. These fair value measurements are classified as Level 3. Unobservable inputs to these measurements, which include estimates and judgments often used in conjunction with appraisals, are not readily quantifiable. The loss recognized in 2012 resulted primarily from the Company's decision to market certain property adjacent to a downtown Kansas City office building, also held for sale, which required a write-down to fair value less selling costs.

## 17. Fair Value of Financial Instruments

The carrying amounts and estimated fair values of financial instruments held by the Company, in addition to a discussion of the methods used and assumptions made in computing those estimates, are set forth below.

## Loans

The fair values of loans are estimated by discounting the expected future cash flows using the current rates at which similar loans would be made to borrowers with similar credit ratings and for the same remaining maturities. This method of estimating fair value does not incorporate the exit-price concept of fair value prescribed by ASC 820 "Fair Value Measurements and Disclosures". Expected future cash flows for each individual loan are based on contractual features, and for loans with optionality, such as variable rates and prepayment features, are based on a multi-rate path process. Each loan's expected future cash flows are discounted using the LIBOR/swap curve plus an appropriate spread. For business, construction and business real estate loans, internally-developed pricing spreads are developed which are based on loan type, term and credit score. The spread for personal real estate loans is generally based on newly originated loans with similar characteristics. For consumer loans, the spread is calculated at loan origination as part of the Bank's funds transfer pricing process, which is indicative of individual borrower creditworthiness. All consumer credit card loans are discounted at the same spread, depending on whether the rate is variable or fixed.

Loans Held for Sale, Investment Securities and Derivative Instruments
Detailed descriptions of the fair value measurements of these instruments are provided in Note 16 on Fair Value Measurements.

Federal Funds Purchased and Sold, Interest Earning Deposits With Banks and Cash and Due From Banks The carrying amounts of federal funds purchased and sold, interest earning deposits with banks, and cash and due from banks approximates fair value, as these instruments are payable on demand or mature overnight.

Securities Purchased/Sold under Agreements to Resel1/Repurchase
The fair values of these investments and borrowings are estimated by discounting contractual maturities using an estimate of the current market rate for similar instruments.

## Deposits

The fair value of deposits with no stated maturity is equal to the amount payable on demand. Such deposits include savings and interest and non-interest bearing demand deposits. These fair value estimates do not recognize any benefit the Company receives as a result of being able to administer, or control, the pricing of these accounts. Because they are payable on demand, they are classified as Level 1 in the fair value hierarchy. The fair value of time open and certificates of deposit is based on the discounted value of cash flows, taking early withdrawal optionality into account. Discount rates are based on the Company's approximate cost of obtaining similar maturity funding in the market. Their fair value measurement is classified as Level 3.

Other Borrowings
The fair value of other borrowings, which consists mainly of long-term debt, is estimated by discounting contractual maturities using an estimate of the current market rate for similar instruments.

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The estimated fair values of the Company's financial instruments are as follows:

| Fair Value 2013 |  | 2012 |  |
| :--- | :--- | :--- | :--- |
| Hierarchy Carrying | Estimated | Carrying | Estimated |
| Level $\quad$ Amount | Fair Value | Amount | Fair Value |

Financial Assets
Loans:

Business
Real estate - construction and land
Real estate - business
Real estate - personal
Consumer
Revolving home equity
Consumer credit card
Overdrafts
Loans held for sale
Loans held for sale
Investment securities:
Available for sale
Available for sale
Available for sale
Trading
Non-marketable
Federal funds sold
Securities purchased under agreements to resell
Interest earning deposits with banks
Cash and due from banks
Derivative instruments
Derivative instruments
Financial Liabilities
Non-interest bearing deposits
Savings, interest checking and money market deposits
Time open and certificates of deposit
Federal funds purchased
Securities sold under agreements to repurchase
Other borrowings
Derivative instruments
Derivative instruments

| Level 3 | $\$ 3,715,319$ | $\$ 3,723,263$ | $\$ 3,134,801$ | $\$ 3,144,989$ |
| :--- | :--- | :--- | :--- | :--- |
| Level 3 | 406,197 | 410,022 | 355,996 | 352,547 |
| Level 3 | $2,313,550$ | $2,345,124$ | $2,214,975$ | $2,240,796$ |
| Level 3 | $1,787,626$ | $1,802,364$ | $1,584,859$ | $1,642,820$ |
| Level 3 | $1,512,716$ | $1,519,830$ | $1,289,650$ | $1,309,403$ |
| Level 3 | 420,589 | 424,811 | 437,567 | 441,651 |
| Level 3 | 796,228 | 811,550 | 804,245 | 823,560 |
| Level 3 | 4,611 | 4,611 | 9,291 | 9,291 |
| Level 2 | - | - | 3,017 | 3,030 |
| Level 3 | - | - | 5,810 | 5,810 |
|  |  |  |  |  |
| Level 1 | 530,342 | 530,342 | 456,594 | 456,594 |
| Level 2 | $8,257,614$ | $8,257,614$ | $8,939,240$ | $8,939,240$ |
| Level 3 | 127,724 | 127,724 | 126,414 | 126,414 |
| Level 2 | 19,993 | 19,993 | 28,837 | 28,837 |
| Level 3 | 107,324 | 107,324 | 118,650 | 118,650 |
| Level 1 | 43,845 | 43,845 | 27,595 | 27,595 |
| Level 3 | $1,150,000$ | $1,149,625$ | $1,200,000$ | $1,215,234$ |
| Level 1 | 707,249 | 707,249 | 179,164 | 179,164 |
| Level 1 | 518,420 | 518,420 | 573,066 | 573,066 |
| Level 2 | 12,976 | 12,976 | 16,731 | 16,731 |
| Level 3 | 4 | 4 | 9 | 9 |

Level 1 \$6,750,674 \$6,750,674 \$6,299,903 \$6,299,903
Level $1 \quad 10,108,236 \quad 10,108,236 \quad 9,817,943 \quad 9,817,943$
Level 3 2,188,438 2,190,610 2,230,807 2,239,595
$\begin{array}{lllll}\text { Level } 1 & 24,795 & 24,795 & 24,510 & 24,510\end{array}$
Level $3 \quad 1,321,763 \quad 1,321,633 \quad 1,059,040 \quad 1,057,462$
Level 3 107,310 116,843 103,710 117,527
Level $2 \quad 13,260 \quad 13,260 \quad 17,522 \quad 17,522$
Level 369
69
196
196
Off-Balance Sheet Financial Instruments
The fair value of letters of credit and commitments to extend credit is based on the fees currently charged to enter into similar agreements. The aggregate of these fees is not material. These instruments are also referenced in Note 20 on Commitments, Contingencies and Guarantees.

Limitations
Fair value estimates are made at a specific point in time based on relevant market information. They do not reflect any premium or discount that could result from offering for sale at one time the Company's entire holdings of a particular financial instrument. Because no market exists for many of the Company's financial instruments, fair value estimates are based on judgments regarding future expected loss experience, risk characteristics and economic conditions. These
estimates are subjective, involve uncertainties and cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

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## 18. Derivative Instruments

The notional amounts of the Company's derivative instruments are shown in the table below. These contractual amounts, along with other terms of the derivative, are used to determine amounts to be exchanged between counterparties and are not a measure of loss exposure. The largest group of notional amounts relate to interest rate swaps, which are discussed in more detail below.
(In thousands)
Interest rate swaps
Interest rate caps
Credit risk participation agreements
December 31

Foreign exchange contracts
Total notional amount

2013
\$596,933
9,736
52,456
81,207
\$740,332

2012
\$435,542
27,736
43,243
47,897
\$554,418

The Company's foreign exchange activity involves the purchase and sale of forward foreign exchange contracts, which are commitments to purchase or deliver a specified amount of foreign currency at a specific future date. This activity enables customers involved in international business to hedge their exposure to foreign currency exchange rate fluctuations. The Company minimizes its related exposure arising from these customer transactions with offsetting contracts for the same currency and time frame. In addition, the Company uses foreign exchange contracts, to a limited extent, for trading purposes, including taking proprietary positions. Risk arises from changes in the currency exchange rate and from the potential for counterparty nonperformance. These risks are controlled by adherence to a foreign exchange trading policy which contains control limits on currency amounts, open positions, maturities and losses, and procedures for approvals, record-keeping, monitoring and reporting. Hedge accounting has not been applied to these foreign exchange activities.

The Company's mortgage banking operation makes commitments to extend fixed rate loans secured by 1-4 family residential properties. The Company's general practice in previous years was to sell such loans in the secondary market. The related commitments were considered to be derivative instruments. These commitments were recognized on the balance sheet at fair value from their inception through their expiration or funding and had an average term of 60 to 90 days. The Company obtained forward sale contracts with investors in the secondary market in order to manage these risk positions. Most of the contracts were matched to a specific loan on a "best efforts" basis, in which the Company was obligated to deliver the loan only if the loan closed. The sale contracts were also accounted for as derivatives. Hedge accounting was not applied to these activities. In late 2011, the Company curtailed the sales of these types of loans, and did not hold any such loans for sale at December 31, 2013 or December 31, 2012.

Credit risk participation agreements arise when the Company contracts, as a guarantor or beneficiary, with other financial institutions to share credit risk associated with certain interest rate swaps. The Company's risks and responsibilities as guarantor are further discussed in Note 20 on Commitments, Contingencies and Guarantees.

The Company's interest rate risk management strategy includes the ability to modify the repricing characteristics of certain assets and liabilities so that changes in interest rates do not adversely affect the net interest margin and cash flows. Interest rate swaps are used on a limited basis as part of this strategy. At December 31, 2013, the Company had entered into two interest rate swaps with a notional amount of $\$ 12.2$ million, which are designated as fair value hedges of certain fixed rate loans. Gains and losses on these derivative instruments, as well as the offsetting loss or gain on the hedged loans attributable to the hedged risk, are recognized in current earnings. These gains and losses are reported in interest and fees on loans in the accompanying consolidated statements of income. The table below shows gains and losses related to fair value hedges.

|  | For the Years |  |  |
| :--- | :--- | :--- | :--- |
|  | Ended December 31 |  |  |
| (In thousands) | 2013 | 2012 | 2011 |

$\left.\begin{array}{llll}\text { Gain on interest rate swaps } & \$ 422 & \$ 331 & \$ 106 \\ \text { Loss on loans } & (408 & ) & (324\end{array}\right)(95)$

The Company's other derivative instruments are accounted for as free-standing derivatives, and changes in their fair value are recorded in current earnings. These instruments include interest rate swap contracts sold to commercial customers who wish to modify their interest rate sensitivity. These swaps are offset by matching contracts purchased by the Company from other financial dealer institutions. Contracts with dealers that require central clearing (generally, transactions occurring after June 10, 2013) are

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novated to a clearing agency who becomes the Company's counterparty. Because of the matching terms of the offsetting contracts, in addition to collateral provisions which mitigate the impact of non-performance risk, changes in fair value subsequent to initial recognition have a minimal effect on earnings. The notional amount of these free-standing swaps at December 31, 2013 was $\$ 584.8$ million.

Many of the Company's interest rate swap arrangements with large financial institutions contain contingent features relating to debt ratings or capitalization levels. Under these provisions, if the Company's debt rating falls below investment grade or if the Company ceases to be "well-capitalized" under risk-based capital guidelines, certain counterparties can require immediate and ongoing collateralization on interest rate swaps in net liability positions, or can require instant settlement of the contracts. The Company maintains debt ratings and capital well above these minimum requirements.

The banking customer counterparties are engaged in a variety of businesses, including real estate, building materials, communications, consumer products, education, and manufacturing. At December 31, 2013, the largest loss exposures were in the groups related to education, real estate and building materials, and manufacturing. If the counterparties in these groups failed to perform, and if the underlying collateral proved to be of no value, the Company would incur losses of $\$ 2.4$ million (real estate and building materials), $\$ 2.4$ million (education), and $\$ 1.5$ million (manufacturing), based on estimated amounts at December 31, 2013.

The fair values of the Company's derivative instruments are shown in the table below. Information about the valuation methods used to measure fair value is provided in Note 16 on Fair Value Measurements. Derivatives instruments with a positive fair value (asset derivatives) are reported in other assets in the consolidated balance sheets while derivative instruments with a negative fair value (liability derivatives) are reported in other liabilities in the consolidated balance sheets.


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The effects of derivative instruments on the consolidated statements of income are shown in the table below.

Location of Gain or (Loss)
Recognized in Income on Derivative
(In thousands)
Derivatives in fair value hedging
relationships:
Interest rate swaps
Total
Derivatives not designated as hedging instruments:
Interest rate swaps
Credit risk participation agreements
Foreign exchange contracts
Mortgage loan commitments
Mortgage loan forward sale contracts
Total

Amount of Gain or (Loss) Recognized in Income on Derivative

For the Years Ended December 31 20132012

2011

Interest and fees on loans \$422 \$331 \$106
\$422 \$331 \$106
$\left.\begin{array}{lllll}\text { Other non-interest income } & \$ 1,140 & \$ 743 & \$ 797 & \\ \text { Other non-interest income } & 234 & 25 & 270 & \\ \text { Other non-interest income } & 81 & (161 & ) & (36 \\ ) \\ \text { Loan fees and sales } & - & (20 & ) & (51\end{array}\right)$

## 19. Balance Sheet Offsetting

The following tables show the extent to which assets and liabilities relating to derivative instruments, securities purchased under agreements to resell (resell agreements), and securities sold under agreements to repurchase (repurchase agreements) have been offset in the consolidated balance sheets. They also provide information about these instruments which are subject to an enforceable master netting arrangement, irrespective of whether they are offset, and the extent to which the instruments could potentially be offset. Also shown is collateral received or pledged in the form of other financial instruments, which are generally marketable securities. The collateral amounts in these tables are limited to the outstanding balances of the related asset or liability (after netting is applied); thus amounts of excess collateral are not shown. Most of the assets and liabilities in the following tables were transacted under master netting arrangements that contain a conditional right of offset, such as close-out netting, upon default.

The Company is party to master netting arrangements with most of its swap derivative counterparties; however, the Company does not offset derivative assets and liabilities under these arrangements on its consolidated balance sheet. Collateral, usually in the form of marketable securities, is exchanged between the Company and dealer bank counterparties, and is generally subject to thresholds and transfer minimums. By contract, it may be sold or re-pledged by the secured party until recalled at a subsequent valuation date by the pledging party. For those swap transactions requiring central clearing, the Company posts cash and securities to its clearing agency. At December 31, 2013, the Company had a net liability position with dealer bank and clearing agency counterparties totaling $\$ 8.8$ million, and had posted securities with a fair value of $\$ 10.2$ million and cash totaling $\$ 1.8$ million. Collateral positions are valued daily, and adjustments to amounts received and pledged by the Company are made as appropriate to maintain proper collateralization for these transactions. Swap derivative transactions with customers are generally secured by rights to non-financial collateral, such as real and personal property, which is not shown in the table below.

Resell and repurchase agreements are agreements to purchase/sell securities subject to an obligation to resell/repurchase the same or similar securities. They are accounted for as collateralized financing transactions, not as sales and purchases of the securities portfolio. The securities collateral accepted or pledged in resell and repurchase agreements with other financial institutions also may be sold or re-pledged by the secured party, but is usually delivered to and held by third party trustees. The Company generally retains custody of securities pledged for
repurchase agreements with customers.
The Company is party to several agreements commonly known as collateral swaps. These agreements involve the exchange of collateral under simultaneous repurchase and resell agreements with the same financial institution counterparty. These repurchase and resell agreements have the same principal amounts, inception dates, and maturity dates and have been offset against each other in the balance sheet, as permitted under the netting provisions of ASC 210-20-45. The collateral swaps totaled $\$ 300.0$ million at both December 31, 2013 and December 31, 2012. At December 31, 2013, the Company had posted collateral consisting of $\$ 311.0$ million in agency mortgage-backed securities and accepted $\$ 331.3$ million in investment grade asset-backed, commercial mortgage-backed, and corporate bonds.

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(In thousands)

December 31, 2013
Assets:
Derivatives subject to master netting agreements
Derivatives not subject to master netting agreements
Total derivatives
Total resell agreements, subject to master netting
$\$ 11,579 \quad \$-\quad \$ 11,579 \quad \$(1,299 \quad \$(338 \quad \$ 9,942$
arrangements
Liabilities:

| Derivatives subject to master <br> netting agreements | 12,962 | - | 12,962 | $(1,299$ | $)(9,063$ | 2,600 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Derivatives not subject to <br> master netting agreements | 367 | - | 367 |  |  |  |
| Total derivatives | 13,329 | - | 13,329 |  |  |  |
| Total repurchase agreements, <br> subject to master netting <br> arrangements | $1,621,763$ | $(300,000$ | $) 1,321,763$ | - | $(1,321,763$ | - |

December 31, 2012
Assets:
Derivatives subject to master netting agreements
Derivatives not subject to master netting agreements
Total derivatives
Total resell agreements, subject to master netting arrangements
Liabilities:
Derivatives subject to master netting agreements
Derivatives not subject to master netting agreements
Total derivatives

| $\$ 16,475$ | $\$-$ | $\$ 16,475$ | $\$(603$ | $) \$-$ | $\$ 15,872$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 265 | - | 265 |  |  |  |
| 16,740 | - | 16,740 |  |  |  |
| $1,500,000$ | $(300,000$ | $) 1,200,000$ | - | $(1,200,000$ | $)-$ |

Total repurchase agreements, subject to master netting

| 17,315 | - | 17,315 | $(603$ | $)(16,017$ | 695 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 403 | - | 403 |  |  |  |
| 17,718 | - | 17,718 |  |  |  |
| $1,359,040$ | $(300,000$ | $) 1,059,040$ | - | $(1,059,040$ | $)-$ |

Gross Amounts Not Offset in the Balance Sheet

|  | Gross | Net Amounts Financial |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Gross | Amounts | Presented in | Instruments | Securities |
| Amount | Offset in the | Collateral |  |  |
| Recognized | Balance | Shetance | Available for | Received/Pledged |
|  | Sheet | Sheet | Offset |  |

$1,401 \quad 1,401$
$12,980 \quad 1 \quad 12,980$
$1,450,000(300,000) 1,150,000 \quad-\quad(1,150,000 \quad)-$
$1,621,763 \quad(300,000) 1,321,763-\quad(1,321,763)-$

## 20. Commitments, Contingencies and Guarantees

The Company leases certain premises and equipment, all of which were classified as operating leases. The rent expense under such arrangements amounted to $\$ 6.5$ million, $\$ 6.9$ million and $\$ 7.4$ million in 2013, 2012 and 2011,
respectively. A summary of minimum lease commitments follows:
(In thousands)
Year Ended December 31
2014
2015
2016
2017
2018
After

| Type of Property |  |  |
| :--- | :--- | :--- |
| Real Property | Equipment | Total |
| $\$ 5,811$ | $\$ 39$ | $\$ 5,850$ |
| 4,896 | 29 | 4,925 |
| 4,033 | 26 | 4,059 |
| 3,541 | 2 | 3,543 |
| 2,629 | - | 2,629 |
| 16,300 | - | 16,300 |
|  |  | $\$ 37,306$ |

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All leases expire prior to 2051. It is expected that in the normal course of business, leases that expire will be renewed or replaced by leases on other properties; thus, the future minimum lease commitments are not expected to be less than the amounts shown for 2014.

The Company engages in various transactions and commitments with off-balance sheet risk in the normal course of business to meet customer financing needs. The Company uses the same credit policies in making the commitments and conditional obligations described below as it does for on-balance sheet instruments. The following table summarizes these commitments at December 31:
(In thousands) 2013
Commitments to extend credit:
Credit card \$3,835,323 \$3,878,468
Other
4,591,468 4,500,352
Standby letters of credit, net of participations
Commercial letters of credit

325,623
11,771
359,765
12,582

Commitments to extend credit are legally binding agreements to lend to a borrower providing there are no violations of any conditions established in the contract. As many of the commitments are expected to expire without being drawn upon, the total commitment does not necessarily represent future cash requirements. Refer to Note 3 on Loans and Allowance for Loan Losses for further discussion.

Commercial letters of credit act as a means of ensuring payment to a seller upon shipment of goods to a buyer. The majority of commercial letters of credit issued are used to settle payments in international trade. Typically, letters of credit require presentation of documents which describe the commercial transaction, evidence shipment, and transfer title.

The Company, as a provider of financial services, routinely issues financial guarantees in the form of financial and performance standby letters of credit. Standby letters of credit are contingent commitments issued by the Company generally to guarantee the payment or performance obligation of a customer to a third party. While these represent a potential outlay by the Company, a significant amount of the commitments may expire without being drawn upon. The Company has recourse against the customer for any amount it is required to pay to a third party under a standby letter of credit. The letters of credit are subject to the same credit policies, underwriting standards and approval process as loans made by the Company. Most of the standby letters of credit are secured, and in the event of nonperformance by the customer, the Company has rights to the underlying collateral, which could include commercial real estate, physical plant and property, inventory, receivables, cash and marketable securities.

At December 31, 2013, the Company had recorded a liability in the amount of $\$ 3.8$ million, representing the carrying value of the guarantee obligations associated with the standby letters of credit. This amount will be accreted into income over the remaining life of the respective commitments. Commitments outstanding under these letters of credit, which represent the maximum potential future payments guaranteed by the Company, were $\$ 325.6$ million at December 31, 2013.

The Company regularly purchases various state tax credits arising from third-party property redevelopment. These credits are either resold to third parties or retained for use by the Company. During 2013, purchases and sales of tax credits amounted to $\$ 65.1$ million and $\$ 59.6$ million, respectively. At December 31, 2013, the Company had outstanding purchase commitments totaling $\$ 181.8$ million. The commitments are expected to be funded in 2014 through 2017.

The Company periodically enters into risk participation agreements (RPAs) as a guarantor to other financial institutions, in order to mitigate those institutions' credit risk associated with interest rate swaps with third parties. The

RPA stipulates that, in the event of default by the third party on the interest rate swap, the Company will reimburse a portion of the loss borne by the financial institution. These interest rate swaps are normally collateralized (generally with real property, inventories and equipment) by the third party, which limits the credit risk associated with the Company's RPAs. The third parties usually have other borrowing relationships with the Company. The Company monitors overall borrower collateral, and at December 31, 2013, believes sufficient collateral is available to cover potential swap losses. The RPAs are carried at fair value throughout their term, with all changes in fair value, including those due to a change in the third party's creditworthiness, recorded in current earnings. The terms of the RPAs, which correspond to the terms of the underlying swaps, range from 3 to 10 years. At December 31, 2013, the fair value of the Company's guarantee liability RPAs was $\$ 69$ thousand, and the notional amount of the underlying swaps was $\$ 50.1$ million. The maximum potential future payment guaranteed by the Company cannot be readily estimated and is dependent upon the fair value of the interest rate swaps at the time of default.

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In December 2013, the settlement of a multi-district interchange suit against Visa, MasterCard and credit-card issuing major banks was approved in federal court. The settlement, as proposed in 2012, included a provision to reduce credit card interchange income by 10 basis points over an eight month period. In 2012, the Company established a liability for the estimated cost of this reduction in interchange income, which totaled $\$ 5.2$ million. The Company's payments to Visa related to the reduction began in September 2013 and totaled $\$ 2.3$ million during 2013. The Company's adjusted remaining liability totaled $\$ 2.5$ million at December 31, 2013.

In December 2011, the Bank reached a class-wide settlement in a class action lawsuit captioned Wolfgeher v. Commerce Bank, Case No. 1:10-cv-22017 (MDL 2036) which alleged that the Bank had improperly charged overdraft fees on certain debit card transactions and claimed refunds for the plaintiff individually and on behalf of other customers as a class. The settlement provided for a payment of $\$ 18.3$ million, which was expensed by the Company in 2011, into a class settlement fund, the proceeds of which have been used to issue refunds to class members and to pay attorneys' fees, administrative and other costs. The Bank also agreed to post debit card transactions in chronological order, which was implemented on February 21, 2013. As a result of the change in the posting order of debit card transactions, the Company currently estimates that overdraft income will be reduced on an annual basis by $\$ 3.5$ million to $\$ 5.5$ million. A formal Settlement Agreement and Release related to this lawsuit was signed by the Bank on July 26, 2012. A second suit alleging the same facts and also seeking class-action status was filed on June 4, 2010 in Missouri state court; however, the second suit was resolved by agreement on July 18, 2013 and was subsequently dismissed.

On January 4, 2013, the Company was named in a petition by Patrick J. Malloy III, Bankruptcy Trustee for the Bankruptcy Estate of George David Gordon Jr. ("Gordon"). The petition was filed in the District Court in and for Tulsa County, State of Oklahoma and removed to the United States District Court for the Northern District of Oklahoma, and subsequently remanded back to the District Court on May 7, 2013. On May 10, 2013, the Company was served with an amended petition in the case. The amended petition alleges that Gordon was involved in securities fraud and that Bank South, an Oklahoma bank that was subsequently acquired by the Company, together with a lending officer employed by Bank South, are jointly and severally liable, as aiders and abettors of the fraudulent scheme, for losses suffered by defrauded investors. The losses suffered by investors who have assigned their claims to the Trustee are alleged to be in excess of $\$ 9.0$ million. The claim alleges that the Bank is liable as a successor by merger to Bank South. Based on facts available to the Company and after discussion with outside counsel handling the matter, the Company believes it has substantial defenses to this matter but has established a liability of $\$ 1.0$ million. This matter will continue to be evaluated on an ongoing basis.
The Company has various other lawsuits pending at December 31, 2013, arising in the normal course of business. While some matters pending against the Company specify damages claimed by plaintiffs, others do not seek a specified amount of damages or are at very early stages of the legal process. The Company records a loss accrual for all legal matters for which it deems a loss is probable and can be reasonably estimated. Some legal matters, which are at early stages in the legal process, have not yet progressed to the point where a loss amount can be determined to be probable and estimable.

## 21. Related Parties

The Company's Chief Executive Officer, its Vice Chairman, and its President are directors of Tower Properties Company (Tower) and, together with members of their immediate families, beneficially own approximately $72 \%$ of the outstanding stock of Tower. At December 31, 2013, Tower owned 222,663 shares of Company stock. Tower is primarily engaged in the business of owning, developing, leasing and managing real property.

Payments from the Company and its affiliates to Tower are summarized below. During 2012 and 2011, the Company leased several surface parking lots in downtown Kansas City, owned by Tower, for employee use. In the fourth quarter of 2012, the Company purchased these lots from Tower for $\$ 7.1$ million. Other payments, with the exception of dividend payments, relate to property management services, including construction oversight, on four

| Company-owned office buildings and related parking garages in downtown Kansas City. |  |  |  |
| :--- | :--- | :--- | :--- |
| (In thousands) | 2013 | 2012 | 2011 |
| Rent on leased parking lots | $\$-$ | $\$ 294$ | $\$ 353$ |
| Leasing agent fees | 50 | 63 | 57 |
| Operation of parking garages | 84 | 75 | 83 |
| Building management fees | 1,799 | 1,774 | 1,615 |
| Property construction management fees | 114 | 231 | 118 |
| Dividends paid on Company stock held by Tower | 191 | 489 | 177 |
| Total | $\$ 2,238$ | $\$ 2,926$ | $\$ 2,403$ |

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Tower has a $\$ 13.5$ million line of credit with the Bank which is subject to normal credit terms and has a variable interest rate. The maximum borrowings outstanding under this line during 2013 was $\$ 2.0$ million, and there was no balance outstanding at December 31, 2013. The maximum borrowings outstanding during 2012 and 2011 were $\$ 5.0$ million and $\$ 3.0$ million, respectively, and the balance outstanding at December 31, 2012 and 2011 was $\$ 2.0$ million and zero, respectively. Interest of $\$ 12$ thousand, $\$ 51$ thousand, and $\$ 22$ thousand was paid during 2013, 2012 and 2011, respectively. Letters of credit may be collateralized under this line of credit; however, there were no letters of credit outstanding during 2013, 2012 or 2011, and thus, no fees were received during these periods. From time to time, the Bank extends additional credit to Tower for construction and development projects. No construction loans were outstanding during 2013, 2012 and 2011.

Tower leases office space in the Kansas City bank headquarters building owned by the Company. Rent paid to the Company totaled $\$ 67$ thousand in 2013, $\$ 66$ thousand in 2012 and $\$ 75$ thousand in 2011, at $\$ 14.92, \$ 15.08$ and $\$ 15.67$ per square foot, respectively.

Directors of the Company and their beneficial interests have deposit accounts with the Bank and may be provided with cash management and other banking services, including loans, in the ordinary course of business. Such loans were made on substantially the same terms, including interest rates and collateral, as those prevailing at the time for comparable transactions with other unrelated persons and did not involve more than the normal risk of collectability.

As discussed in Note 20 on Commitments, Contingencies, and Guarantees, the Company regularly purchases various state tax credits arising from third-party property redevelopment and resells the credits to third parties. During 2013, the Company sold state tax credits to its Chief Executive Officer, his father (a former Chief Executive Officer), its Vice Chairman, and a member of its Board of Directors, in the amount of $\$ 846$ thousand, $\$ 282$ thousand, $\$ 456$ thousand, and $\$ 200$ thousand, respectively, for personal tax planning. During 2012 and 2011, the Company's Chief Executive Officer purchased state tax credits of $\$ 465$ thousand and $\$ 1.0$ million, respectively. In 2011, his father purchased state tax credits in the amount of $\$ 920$ thousand. The terms of the sales and the amounts paid were the same as the terms and amounts paid for similar tax credits by persons not related to the Company.

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22. Parent Company Condensed Financial Statements

Following are the condensed financial statements of Commerce Bancshares, Inc. (Parent only) for the periods indicated:
Condensed Balance Sheets

|  | December 31 |  |
| :--- | :--- | :--- |
| (In thousands) | 2013 | 2012 |
| Assets |  |  |
| Investment in consolidated subsidiaries: | $\$ 1,952,179$ | $\$ 1,983,751$ |
| Banks | 63,134 | 61,217 |
| Non-banks | 53 | 58 |
| Cash | 142,650 | 67,675 |
| Securities purchased under agreements to resell | 57,754 | 65,189 |
| Investment securities: | 3,326 | 4,272 |
| Available for sale | 1,772 | 5,504 |
| Non-marketable | 470 | 10,236 |
| Advances to subsidiaries, net of borrowings | 15,201 | 13,051 |
| Income tax benefits | $\$ 2,236,539$ | $\$ 2,210,953$ |
| Other assets |  |  |
| Total assets | $\$ 6,501$ | $\$ 23,313$ |
| Liabilities and stockholders' equity | 19,396 | 20,513 |
| Pension obligation | 25,897 | 43,826 |
| Other liabilities | $2,210,642$ | $2,167,127$ |
| Total liabilities | $\$ 2,236,539$ | $\$ 2,210,953$ |
| Stockholders' equity |  |  |

Condensed Statements of Income
(In thousands)
For the Years Ended December 31

Income
Dividends received from consolidated subsidiaries:

| Banks | $\$ 200,001$ | $\$ 235,000$ | $\$ 180,001$ |
| :--- | :--- | :--- | :--- |
| Non-banks | 390 | - | 115 |
| Earnings of consolidated subsidiaries, net of dividends | 62,815 | 34,467 | 74,260 |
| Interest and dividends on investment securities | 4,029 | 5,074 | 7,997 |
| Management fees charged subsidiaries | 20,701 | 23,658 | 19,318 |
| Investment securities gains | 1,294 | 346 | - |
| Other | 2,958 | 2,067 | 1,560 |
| Total income | 292,188 | 300,612 | 283,251 |
| Expense |  |  |  |
| Salaries and employee benefits | 20,433 | 24,188 | 21,572 |
| Professional fees | 3,538 | 1,950 | 1,826 |
| Data processing fees paid to affiliates | 2,775 | 2,664 | 3,351 |
| Indemnification obligation | - | - | $(4,432$ |
| Other | 10,236 | 7,582 | 5,975 |
| Total expense | 36,982 | 36,384 | 28,292 |
| Income tax benefit | $(5,755$ | $)(5,101$ | $)(1,384$ |
| Net income | $\$ 260,961$ | $\$ 269,329$ | $\$ 256,343$ |

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Condensed Statements of Cash Flows
(In thousands)
Operating Activities
Net income

| For the Years <br> Fnded December 31 <br> 2013 | 2012 | 2011 |
| :--- | :--- | :--- |
|  |  |  |
| $\$ 260,961$ | $\$ 269,329$ | $\$ 256,343$ |

Adjustments to reconcile net income to net cash provided by operating activities:
Earnings of consolidated subsidiaries, net of dividends
Other adjustments, net
Net cash provided by operating activities
Investing Activities
(Increase) decrease in securities purchased under agreements to resell
Decrease in investment in subsidiaries, net
Proceeds from sales of investment securities
Proceeds from maturities/pay downs of investment securities
Purchases of investment securities
Decrease in advances to subsidiaries, net
Net purchases of building improvements and equipment
Net cash provided by (used in) investing activities
Financing Activities
Purchases of treasury stock
Issuance under stock purchase and equity compensation plans
Net tax benefit related to equity compensation plans
Cash dividends paid on common stock
Net cash used in financing activities
Increase (decrease) in cash
Cash at beginning of year
Cash at end of year
Income tax payments (receipts), net

| $(62,815$ | $)(34,467$ | $)(74,260$ | $)$ |
| :--- | :--- | :--- | :--- |
| $(955$ | $)(7,078$ | $)(1,144$ | $)$ |
| 197,191 | 227,784 | 180,939 |  |
|  |  |  |  |
| $(74,975$ | $) 50,400$ | $(40,375$ | $)$ |
| 151 | 1,195 | 116 |  |
| 866 | 346 | - |  |
| 13,644 | 17,063 | 22,233 |  |
| - | $(2,000$ | $)-$ | 1,658 |
| 3,732 | 4,136 | $)(685$ | $)$ |
| $(402$ | $)(92$ | $(17,053$ | $)$ |
| $(56,984$ | $) 71,048$ |  |  |
|  |  |  |  |
| $(69,353$ | $)(104,909$ | $)(101,154$ | $)$ |
| 10,242 | 15,588 | 15,349 |  |
| 1,003 | 2,094 | 1,065 |  |
| $(82,104$ | $)(211,608$ | $)(79,140$ | $)$ |
| $(140,212$ | $)(298,835$ | $)(163,880$ | $)$ |
| $(5$ | $)(3$ | $) 6$ |  |
| 58 | 61 | 55 |  |
| $\$ 53$ | $\$ 58$ | $\$ 61$ |  |
| $\$(6,933$ | $) \$ 523$ | $\$(2,700$ | $)$ |

Dividends paid by the Parent to its shareholders were substantially provided from Bank dividends. The Bank may distribute dividends without prior regulatory approval, provided that the dividends do not exceed the sum of net income for the current year and retained net income for the preceding two years, subject to maintenance of minimum capital requirements. The Parent charges fees to its subsidiaries for management services provided, which are allocated to the subsidiaries based primarily on total average assets. The Parent makes advances to non-banking subsidiaries and its subsidiary bank holding company. Advances are made to the Parent by its subsidiary bank holding company for investment in temporary liquid securities. Interest on such advances is based on market rates.

For the past several years, the Parent has maintained a $\$ 20.0$ million line of credit for general corporate purposes with the Bank. The line of credit is secured by investment securities. The Parent has not borrowed under this line during the past three years.

At December 31, 2013, the fair value of available for sale investment securities held by the Parent consisted of investments of $\$ 37.2$ million in common stock and $\$ 20.6$ million in non-agency mortgage-backed securities. The Parent's unrealized net gain in fair value on its investments was $\$ 35.5$ million at December 31, 2013. The corresponding net of tax unrealized gain included in stockholders' equity was $\$ 22.0$ million. Also included in stockholders' equity was an unrealized net of tax gain in fair value of investment securities held by subsidiaries, which amounted to $\$ 3.5$ million at December 31, 2013.

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## Item CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL 9. DISCLOSURE

There were no changes in or disagreements with accountants on accounting and financial disclosure.

## Item 9a. CONTROLS AND PROCEDURES

Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures
Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, we conducted an evaluation of our disclosure controls and procedures, as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934. Based on this evaluation, our principal executive officer and our principal financial officer concluded that our disclosure controls and procedures were effective as of the end of the period covered by this annual report.

Management's Report on Internal Control Over Financial Reporting
Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Exchange Act Rules 13a-15(f) and 15d-15(f). Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, we conducted an evaluation of the effectiveness of our internal control over financial reporting based on the framework in Internal Control - Integrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on our evaluation under the framework in Internal Control - Integrated Framework (1992), our management concluded that our internal control over financial reporting was effective as of December 31, 2013.

The Company's internal control over financial reporting as of December 31, 2013 has been audited by KPMG LLP, an independent registered public accounting firm, as stated in their report which follows.

Changes in Internal Control Over Financial Reporting
No change in the Company's internal control over financial reporting occurred that has materially affected, or is reasonably likely to materially affect, such controls during the last quarter of the period covered by this report.

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## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

## The Board of Directors and Stockholders

Commerce Bancshares, Inc.:

We have audited Commerce Bancshares, Inc.'s (the Company) internal control over financial reporting as of December 31, 2013, based on criteria established in Internal Control Integrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, Commerce Bancshares, Inc. maintained, in all material respects, effective internal control over financial reporting as of December 31, 2013, based on criteria established in Internal Control Integrated Framework (1992) issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of the Company as of December 31, 2013 and 2012, and the related consolidated statements of income, comprehensive income, cash flows, and changes in equity for each of the years in the three-year period ended December 31, 2013, and our report dated February 24, 2014 expressed an unqualified opinion on those consolidated financial statements.

Kansas City, Missouri

February 24, 2014

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Item 9b. OTHER INFORMATION
None

## PART III

Item 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE
The information required by Items 401, 405 and 407(c)(3), (d)(4) and (d)(5) of Regulation S-K regarding executive officers is included at the end of Part I of this Form 10-K under the caption "Executive Officers of the Registrant" and under the captions "Proposal One - Election of the 2017 Class of Directors", "Section 16(a) Beneficial Ownership Reporting Compliance", "Audit Committee Report", "Committees of the Board - Audit Committee and Committee on Governance/Directors" in the definitive proxy statement, which is incorporated herein by reference.

The Company's financial officer code of ethics for the chief executive officer and senior financial officers of the Company, including the chief financial officer, principal accounting officer or controller, or persons performing similar functions, is available at www.commercebank.com. Amendments to, and waivers of, the code of ethics are posted on this Web site.

## Item 11. EXECUTIVE COMPENSATION

The information required by Items 402 and 407(e)(4) and (e)(5) of Regulation S-K regarding executive compensation is included under the captions "Compensation Discussion and Analysis", "Executive Compensation", "Director Compensation", "Compensation and Human Resources Committee Report", and "Compensation and Human Resources Committee Interlocks and Insider Participation" in the definitive proxy statement, which is incorporated herein by reference.

## Item SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND 12. RELATED STOCKHOLDER MATTERS <br> The information required by Items 201(d) and 403 of Regulation S-K is included under the captions "Equity Compensation Plan Information" and "Security Ownership of Certain Beneficial Owners and Management" in the definitive proxy statement, which is incorporated herein by reference.

Item 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE The information required by Items 404 and 407(a) of Regulation S-K is covered under the captions "Proposal One Election of the 2017 Class of Directors" and "Corporate Governance" in the definitive proxy statement, which is incorporated herein by reference.

## Item 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required by Item 9(e) of Schedule 14A is included under the captions "Pre-approval of Services by the External Auditor" and "Fees Paid to KPMG LLP" in the definitive proxy statement, which is incorporated herein by reference.

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## PART IV

## Item 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) The following documents are filed as a part of this report:

|  |  | Page |
| :---: | :---: | :---: |
| (1) | Financial Statements: |  |
|  | Consolidated Balance Sheets | $\underline{55}$ |
|  | Consolidated Statements of Income | $\underline{56}$ |
|  | Consolidated Statements of Comprehensive Income | $\underline{57}$ |
|  | Consolidated Statements of Cash Flows | $\underline{58}$ |
|  | Consolidated Statements of Changes in Equity | $\underline{59}$ |
|  | Notes to Consolidated Financial Statements | $\underline{60}$ |
|  | Summary of Quarterly Statements of Income | 49 |
| (2) | Financial Statement Schedules: |  |
|  | All schedules are omitted as such information is inapplicable or is included in the financial statements. |  |

(b) The exhibits filed as part of this report and exhibits incorporated herein by reference to other documents are listed in the Index to Exhibits (pages E-1 through E-2).

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## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized this 24th day of February 2014.

COMMERCE BANCSHARES, INC.

By: /s/ THOMAS J. NOACK<br>Thomas J. Noack<br>Vice President and Secretary

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities indicated on the 24th day of February 2014.

By: /s/ CHARLES G. KIM<br>Charles G. Kim<br>Chief Financial Officer

By: /s/ JEFFERY D. ABERDEEN
Jeffery D. Aberdeen
Controller
(Chief Accounting Officer)
David W. Kemper
(Chief Executive Officer)
Terry D. Bassham
John R. Capps
Earl H. Devanny, III
W. Thomas Grant, II

James B. Hebenstreit
Jonathan M. Kemper
A majority of the Board of Directors*
Terry O. Meek
Benjamin F. Rassieur, III
Todd R. Schnuck
Andrew C. Taylor
Kimberly G. Walker

[^2]By: /s/ THOMAS J. NOACK<br>Thomas J. Noack<br>Attorney-in-Fact

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## INDEX TO EXHIBITS

3 -Articles of Incorporation and By-Laws:
(a) Restated Articles of Incorporation, as amended, were filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 10, 1999, and the same are hereby incorporated by reference.
(b) Restated By-Laws, as amended, were filed in current report on Form 8-K (Commission file number 0-2989) dated February 14, 2013, and the same are hereby incorporated by reference.

4 - Instruments defining the rights of security holders, including indentures:
(a) Pursuant to paragraph (b)(4)(iii) of Item 601 Regulation S-K, Registrant will furnish to the Commission upon request copies of long-term debt instruments.

10 - Material Contracts (Each of the following is a management contract or compensatory plan arrangement):
(a) Commerce Bancshares, Inc. Executive Incentive Compensation Plan amended and restated as of January 1, 2009 was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 7, 2009, and the same is hereby incorporated by reference.
(b)(1) Commerce Bancshares, Inc. 1987 Non-Qualified Stock Option Plan amended and restated as of July 24, 2009 was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 7, 2009 , and the same is hereby incorporated by reference.
(b)(2) An amendment to the Commerce Bancshares, Inc. 1987 Non-Qualified Stock Option Plan was filed in current report on Form 8-K (Commission file number 0-2989) dated February 16, 2012, and the same is hereby incorporated by reference.
(c) Commerce Bancshares, Inc. Stock Purchase Plan for Non-Employee Directors amended and restated as of April 17, 2013 was filed in current report on Form 8-K (Commission file number 0-2989) dated April 23, 2013, and the same is hereby incorporated by reference.
(d)(1) Commerce Bancshares, Inc. 1996 Incentive Stock Option Plan amended and restated as of April 2001 was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated May 8, 2001, and the same is hereby incorporated by reference.
(d)(2) An amendment to the Commerce Bancshares, Inc. 1996 Incentive Stock Option Plan was filed in current report on Form 8-K (Commission file number 0-2989) dated February 16, 2012, and the same is hereby incorporated by reference.
(e) Commerce Executive Retirement Plan amended and restated as of January 28, 2011 was filed in annual report on Form 10-K (Commission file number 0-2989) dated February 25, 2011, and the same is hereby incorporated by reference.
(f) Commerce Bancshares, Inc. Restricted Stock Plan amended and restated as of July 24, 2009 was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 7, 2009, and the same is hereby incorporated by reference.
(g) Form of Severance Agreement between Commerce Bancshares, Inc. and certain of its executive officers entered into as of October 4, 1996 was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated November 8,1996 , and the same is hereby incorporated by reference.
(h) Trust Agreement for the Commerce Bancshares, Inc. Executive Incentive Compensation Plan amended and restated as of January 1, 2001 was filed in quarterly report on Form 10-Q (Commission file number $0-2989$ ) dated May 8, 2001, and the same is hereby incorporated by reference.
(i) Commerce Bancshares, Inc. 2014 Compensatory Arrangements with CEO and Named Executive Officers were filed in current report on Form 8-K (Commission file number 0-2989) dated January 30, 2014, and the same is hereby incorporated by reference.
(j) Commerce Bancshares, Inc. 2005 Equity Incentive Plan amended and restated as of April 17, 2013 was filed in current report on Form 8-K (Commission file number 0-2989) dated April 23, 2013, and the same is hereby incorporated by reference.
(k) Commerce Bancshares, Inc. Notice of Grant of Stock Options and Option Agreement was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 5, 2005, and the same is hereby incorporated by reference.
(l) Commerce Bancshares, Inc. Restricted Stock Award Agreement, pursuant to the Restricted Stock Plan, was filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated August 5, 2005, and the same is hereby incorporated by reference.

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(m) Commerce Bancshares, Inc. Stock Appreciation Rights Agreement and Commerce Bancshares, Inc. Restricted Stock Award Agreement, pursuant to the 2005 Equity Incentive Plan, were filed in current report on Form 8-K (Commission file number 0-2989) dated February 23, 2006, and the same are hereby incorporated by reference.
(n) Commerce Bancshares, Inc. Stock Appreciation Rights Agreement and Commerce Bancshares, Inc. Restricted Stock Award Agreements, pursuant to the 2005 Equity Incentive Plan, were filed in quarterly report on Form 10-Q (Commission file number 0-2989) dated May 6, 2013, and the same are hereby incorporated by reference.

21 - Subsidiaries of the Registrant
23 - Consent of Independent Registered Public Accounting Firm
24 - Power of Attorney
31.1 - Certification of CEO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2 - Certification of CFO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

32 - Certifications of CEO and CFO pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

101 - Interactive data files pursuant to Rule 405 of Regulation S-T: (i) the Consolidated Balance Sheets, (ii) the Consolidated Statements of Income, (iii) the Consolidated Statements of Comprehensive Income, (iv) the Consolidated Statements of Changes in Equity, (v) the Consolidated Statements of Cash Flows and (vi) the Notes to Consolidated Financial Statements, tagged as blocks of text and in detail


[^0]:    (A)Includes tax equivalent calculations.

[^1]:    (A)Includes tax equivalent calculations.

[^2]:    * David W. Kemper, Director and Chief Executive Officer, and the other Directors of Registrant listed, executed a power of attorney authorizing Thomas J. Noack, their attorney-in-fact, to sign this report on their behalf.

