## BOK FINANCIAL CORP ET AL

Form 10-Q
August 07, 2012

## UNITED STATES

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q
(Mark One)
ý QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE y $\quad$ ACT OF 1934
For the quarterly period ended June 30, 2012
OR
TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from $\qquad$ to $\qquad$
Commission File No. 0-19341
BOK FINANCIAL CORPORATION
(Exact name of registrant as specified in its charter)

| Oklahoma <br> (State or other jurisdiction <br> of Incorporation or Organization) | $73-1373454$ <br> (IRS Employer |
| :--- | :--- |
| Identification No.) |  |
| Bank of Oklahoma Tower |  |
| P.O. Box 2300 |  |
| Tulsa, Oklahoma <br> (Address of Principal Executive Offices) | (Zip Code) |

(918) 588-6000
(Registrant's telephone number, including area code)
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 ý No *
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 ý No "

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):
Large accelerated filer ý $\quad$ Accelerated filer " Non-accelerated filer *

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes " No ý
Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date: $68,144,159$ shares of common stock ( $\$ .00006$ par value) as of June 30, 2012.
BOK Financial Corporation
Form 10-Q
Quarter Ended June 30, 2012
Index
Part I. Financial Information
Management's Discussion and Analysis (Item 2) ..... 1
Market Risk (Item 3) ..... $\underline{54}$
Controls and Procedures (Item 4) ..... 55
Consolidated Financial Statements - Unaudited (Item 1) ..... 56
Six Month Financial Summary - Unaudited (Item 2) ..... 122
Quarterly Financial Summary - Unaudited (Item 2) ..... 124
Quarterly Earnings Trend - Unaudited ..... $\underline{125}$
Part II. Other Information
Item 1. Legal Proceedings ..... 127
Item 2. Unregistered Sales of Equity Securities and Use of Proceeds ..... 127
Item 6. Exhibits ..... 127
Signatures ..... $\underline{128}$

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

## Performance Summary

BOK Financial Corporation ("the Company") reported net income of $\$ 97.6$ million or $\$ 1.43$ per diluted share for the second quarter of 2012, compared to $\$ 69.0$ million or $\$ 1.00$ per diluted share for the second quarter of 2011 and $\$ 83.6$ million or $\$ 1.22$ per diluted share for the first quarter of 2012. Net income for the six months ended June 30, 2012 totaled $\$ 181.2$ million or $\$ 2.65$ per diluted share compared with net income of $\$ 133.8$ million or $\$ 1.95$ per diluted share for the six months ended June 30, 2011.

Improvement in credit quality increased net income by more than $\$ 14$ million or $\$ 0.21$ per diluted share during the second quarter of 2012. The Company recognized a $\$ 14$ million pretax gain on the sale of common stock received in settlement of a defaulted loan and recorded an $\$ 8$ million negative provision for credit losses.

Highlights of the second quarter of 2012 included:
Net interest revenue totaled $\$ 181.4$ million for the second quarter of 2012, compared to $\$ 174.0$ million for the second quarter of 2011 and $\$ 173.6$ million for the first quarter of 2012. Net interest margin was $3.30 \%$ for the second quarter of 2012. Net interest margin was $3.40 \%$ for the second quarter of 2011 and $3.19 \%$ for the first quarter of 2012. Net interest revenue in the second quarter of 2012 included $\$ 2.9$ million from the full recovery of a nonaccruing commercial loan. Excluding this recovery, net interest margin was $3.25 \%$. The increase in net interest revenue compared to the second quarter of 2011 was due primarily to lower funding costs. Interest expense decreased $\$ 10.0$ million due primarily to lower rates paid on interest bearing deposits. Net interest earned from the increase in average loan and securities balances was offset by the reinvestment of cash flows from the securities portfolio at lower current market rates and decreased loan yield.
Fees and commissions revenue totaled $\$ 154.5$ million for the second quarter of 2012 compared to $\$ 127.8$ million for the second quarter of 2011 and $\$ 144.3$ million for the first quarter of 2012. Mortgage banking revenue increased $\$ 20.2$ million over the second quarter of 2011 and $\$ 6.5$ million over the first quarter of 2012 due primarily to an increase in loan production volume and improved pricing of loans sold which resulted from continued low interest rates. Nearly all other fee-based revenue sources increased over the prior year and quarter.
Operating expenses, excluding changes in the fair value of mortgage servicing rights, totaled $\$ 212.3$ million, up $\$ 22.6$ million over the second quarter of 2011 and up $\$ 20.0$ million over the previous quarter. Personnel costs increased $\$ 16.7$ million over the second quarter of 2011 and increased $\$ 7.5$ million over the first quarter of 2012 due largely to incentive compensation. Non-personnel expenses increased $\$ 5.9$ million over the second quarter of 2011 and increased $\$ 12.4$ million over the prior quarter.
An $\$ 8.0$ million negative provision for credit losses was recorded in the second quarter of 2012. No provision for loan losses was recorded in the first quarter of 2012 and a $\$ 2.7$ million provision for credit losses was recorded in the second quarter of 2011. Net loans charged off totaled $\$ 4.8$ million or $0.17 \%$ of average loans on an annualized basis for the second quarter of 2012 compared to $\$ 8.5$ million or $0.30 \%$ on an annualized basis in the first quarter of 2012 and $\$ 8.5$ million or $0.32 \%$ of average loans on an annualized basis in the second quarter of 2011.
The combined allowance for credit losses totaled $\$ 241$ million or $2.09 \%$ of outstanding loans at June 30, 2012, down from $\$ 254$ million or $2.20 \%$ of outstanding loans at March 31, 2012. Nonperforming assets totaled $\$ 279$ million or $2.38 \%$ of outstanding loans and repossessed assets at June 30, 2012 compared to $\$ 336$ million or $2.87 \%$ of outstanding loans and repossessed assets at March 31, 2012.
Outstanding loan balances were $\$ 11.6$ billion at June 30, 2012, flat compared to March 31, 2012. Commercial loan balances increased $\$ 93$ million and residential mortgage loans were up $\$ 37$ million over March 31, 2012. Commercial real estate loans decreased $\$ 107$ million and consumer loans decreased $\$ 24$ million.
Period-end deposits totaled $\$ 18.3$ billion at June 30, 2012 compared to $\$ 18.5$ billion at March 31, 2012. Demand deposit accounts increased $\$ 251$ million, offset by a $\$ 357$ million decrease in interest-bearing transaction accounts
and a $\$ 58$ million decrease in time deposits.
The tangible common equity ratio was $10.07 \%$ at June 30, 2012 and $9.75 \%$ at March 31, 2012. The tangible common equity ratio is a non-GAAP measure of capital strength used by the Company and investors based on shareholders' equity

- 1 -
as defined by generally accepted accounting principles in the United States of America ("GAAP") minus intangible assets and equity that does not benefit common shareholders.
The Company and its subsidiary bank continue to exceed the regulatory definition of well capitalized. The Company's Tier 1 capital ratios as defined by banking regulations were $13.62 \%$ at June 30, 2012 and $13.03 \%$ at March 31, 2012. The Company paid a cash dividend of $\$ 26$ million or $\$ 0.38$ per common share during the second quarter of 2012. On July 31, 2012 the board of directors approved a quarterly cash dividend of $\$ 0.38$ per common share payable on or about August 31, 2012 to shareholders of record as of August 17, 2012.

Results of Operations

## Net Interest Revenue and Net Interest Margin

Net interest revenue is the interest earned on debt securities, loans and other interest-earning assets less interest paid for interest-bearing deposits and other borrowings. The net interest margin is calculated by dividing net interest revenue by average interest-earning assets. Net interest spread is the difference between the average rate earned on interest-earning assets and the average rate paid on interest-bearing liabilities. Net interest margin is typically greater than net interest spread due to interest income earned on assets funded by non-interest bearing liabilities such as demand deposits and equity.

Net interest revenue totaled $\$ 181.4$ million for the second quarter of 2012 compared to $\$ 174.0$ million for the second quarter of 2011 and $\$ 173.6$ million for the first quarter of 2012. Net interest margin was $3.30 \%$ for the second quarter of $2012,3.19 \%$ for the first quarter of 2012 and $3.40 \%$ for the second quarter of 2011 . Net interest revenue for the second quarter of 2012 included $\$ 2.9$ million from a full recovery of a nonaccruing commercial loan. Excluding this recovery, net interest margin was $3.25 \%$ for the second quarter of 2012. Net interest revenue increased over the second quarter of 2011 primarily due to lower funding costs. Interest expense on deposit accounts decreased $\$ 6.8$ million. Interest expense on other borrowed funds decreased $\$ 1.2$ million and interest expense on subordinated debentures decreased $\$ 2.0$ million. Net interest earned from the increase in average loan and securities balances was offset by the reinvestment of cash flows from the securities portfolio at lower rates and decreased loan yield.

Net interest margin declined compared to the the second quarter of 2011 due primarily to lower yields on our available for sale securities portfolio, partially offset by lower funding costs. The tax-equivalent yield on earning assets was $3.69 \%$ for the second quarter of 2012, down 32 basis points from the second quarter of 2011. Excluding the interest recovery, the tax equivalent yield on earning assets was $3.64 \%$ and loan yields decreased 21 basis points to $4.48 \%$. Loan yields decreased due primarily to a combination of narrowing credit spreads and changes in market interest rates. The available for sale securities portfolio yield decreased 50 basis points to $2.54 \%$. Cash flows from these securities were reinvested at current lower rates. Funding costs were down 25 basis points from the second quarter of 2011. The cost of interest-bearing deposits decreased 17 basis points and the cost of other borrowed funds decreased 26 basis points. The average rate of interest paid on subordinated debentures decreased 162 basis points compared to the second quarter of 2011. The interest rate on $\$ 233$ million of these subordinated debentures converted from a fixed rate of interest of $5.75 \%$ to a floating interest rate based on LIBOR plus $0.69 \%$ as of May 15,2012 . The benefit to net interest margin from earning assets funded by non-interest bearing liabilities was 18 basis points in the second quarter of 2012 compared to 20 basis points in the second quarter of 2011.

Average earning assets for the second quarter of 2012 increased $\$ 1.5$ billion or $7 \%$ over the second quarter of 2011. Average loans, net of allowance for loan losses, increased $\$ 983$ million over the second quarter of 2011 due primarily to growth in average commercial and residential loans. The average balance of available for sale securities, which consist largely of U.S. government agency issued residential mortgage-backed securities, increased \$548
million. We purchased these securities to supplement earnings, especially in a period of declining loan demand, and to manage interest rate risk.

Average deposits increased $\$ 869$ million over the second quarter of 2011, including a $\$ 1.7$ billion increase in average demand deposit balances, partially offset by a $\$ 500$ million decrease in average time deposits and a $\$ 404$ million decrease in average interest-bearing transaction accounts. Average borrowed funds increased $\$ 562$ million over the second quarter of 2011.

Net interest margin increased 11 basis points over the first quarter of 2012. Excluding the impact of the interest recovery, net interest margin increased 6 basis points. The yield on average assets was flat compared to the prior quarter. The loan portfolio yield decreased 2 basis points. The yield on the available for sale securities portfolio increased 4 basis points primarily due to efforts to reduce our prepayment risk on our mortgage-backed securities portfolio. The cost of interest-bearing liabilities
decreased 7 basis points from the previous quarter, including a 167 basis point decrease in the average rate paid on subordinated debentures due to the change from a fixed to floating rate of interest.

Average earning assets for the second quarter of 2012 increased $\$ 163$ million over the first quarter of 2012. Average outstanding loans, net of allowance for loan losses, increased $\$ 188$ million largely due to growth in average commercial loan balances. The average balance of the available for sale securities portfolio increased $\$ 144$ million and the average balance of the fair value option securities portfolio decreased $\$ 219$ million. Fair value option securities include residential mortgage-backed securities guaranteed by U.S. government agencies that we have elected to carry at fair value held as an economic hedge on our mortgage servicing rights. The balance of these securities can fluctuate significantly. Average deposits decreased by $\$ 206$ million during the second quarter of 2012, including a $\$ 431$ million increase in demand deposits partially offset by a $\$ 540$ million decrease in interest-bearing transaction accounts and a $\$ 114$ million decrease in time deposits. The average balance of borrowed funds increased $\$ 328$ million and the average balance of subordinated debentures decreased by $\$ 40$ million.

Our overall objective is to manage the Company's balance sheet to be relatively neutral to changes in interest rates as is further described in the Market Risk section of this report. Approximately two-thirds of our commercial and commercial real estate loan portfolios are either variable rate or fixed rate that will re-price within one year. These loans are funded primarily by deposit accounts that are either non-interest bearing, or that re-price more slowly than the loans. The result is a balance sheet that would be asset sensitive, which means that assets generally re-price more quickly than liabilities. Among the strategies that we use to manage toward a relatively rate-neutral position, we purchase fixed-rate residential mortgage-backed securities issued primarily by U.S. government agencies and fund them with market rate sensitive liabilities. The liability-sensitive nature of this strategy provides an offset to the asset-sensitive characteristics of our loan portfolio. We also may use derivative instruments to manage our interest rate risk.

The effectiveness of these strategies is reflected in the overall change in net interest revenue due to changes in interest rates as shown in Table 1 and in the interest rate sensitivity projections as shown in the Market Risk section of this report.

Table 1 - Volume / Rate Analysis
(In thousands)

${ }^{1}$ Changes attributable to both volume and yield/rate are allocated to both volume and yield/rate on an equal basis.

## Other Operating Revenue

Other operating revenue was $\$ 187.0$ million for the second quarter of 2012 compared to $\$ 143.0$ million for the second quarter of 2011 and $\$ 140.4$ million for the first quarter of 2012. Fees and commissions revenue increased $\$ 26.6$ million over the second quarter of 2011. Net gains on securities, derivatives and other assets increased $\$ 13.5$ million due primarily to a $\$ 14.2$ million gain from the sale of $\$ 26$ million of stock received received in settlement of a defaulted loan. Other-than-temporary impairment charges recognized in earnings in the second quarter of 2012 were $\$ 4.0$ million less than charges recognized in the second quarter of 2011.

Other operating revenue increased $\$ 46.7$ million compared to the first quarter of 2012. Fees and commissions revenue increased $\$ 10.1$ million. Net gains on securities, derivatives and other assets increased $\$ 33.7$ million. Other-than-temporary impairment charges recognized in earnings were $\$ 2.9$ million less than charges recognized in the first quarter of 2012.

Table 2 - Other Operating Revenue (In thousands)

|  | Three Months Ended June 30, |  | Increase(Decr |  | $\begin{aligned} & \% \\ & \text { rease) } \\ & \text { nnct } \end{aligned}$ | $\mathrm{e}(\mathrm{De}$ | Three <br> Months <br> Ended <br> March 31, <br> rease) | Increase (Decrease) |  |  | Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brokerage and trading revenue | \$32,600 | \$23,725 | \$ 8,875 |  | 37 | \% | \$31,111 | \$ 1,489 |  | 5 | \% |
| Transaction card revenue | 26,758 | 31,024 | (4,266 | ) | (14 | )\% | 25,430 | 1,328 |  | 5 | \% |
| Trust fees and commissions | 19,931 | 19,150 | 781 |  | 4 | \% | 18,438 | 1,493 |  | 8 | \% |
| Deposit service charges and fees | 25,216 | 23,857 | 1,359 |  | 6 | \% | 24,379 | 837 |  | 3 | \% |
| Mortgage banking revenue | 39,548 | 19,356 | 20,192 |  | 104 | \% | 33,078 | 6,470 |  | 20 | \% |
| Bank-owned life insurance | 2,838 | 2,872 | (34 | ) | (1 | )\% | 2,871 | (33 | ) | (1 | )\% |
| Other revenue | 7,559 | 7,842 | (283 | ) | (4 | )\% | 9,027 | (1,468 | ) | (16 | )\% |
| Total fees and commissions revenue | 154,450 | 127,826 | 26,624 |  | 21 | \% | 144,334 | 10,116 |  | 7 | \% |
| Gain (loss) on other assets, net | 3,765 | 3,344 | 421 |  | N/A |  | (356 | 4,121 |  | N/A |  |
| Gain (loss) on derivatives, net | 2,345 | 1,225 | 1,120 |  | N/A |  | (2,473 | ) 4,818 |  | N/A |  |
| Gain (loss) on fair value option securities, net | 6,852 | 9,921 | (3,069 | ) | N/A |  | (1,733 | 8,585 |  | N/A |  |
| Gain on available for sale securities | 20,481 | 5,468 | 15,013 |  | N/A |  | 4,331 | 16,150 |  | N/A |  |
| Total other-than-temporary impairment | (135 | ) (74 | ) (61 | ) | N/A |  | (505 | ) 370 |  | N/A |  |
|  | (723 | ) $(4,750$ | ) 4,027 |  | N/A |  | (3,217 | ) 2,494 |  | N/A |  |

Portion of loss
recognized in
(reclassified from) other
comprehensive income
Net impairment losses recognized in earnings Total other operating revenue
(858 ) (4,824) 3,966 N/A (3,722 ) 2,864 N/A

Certain percentage increases (decreases) in non-fees and commissions revenue are not meaningful for comparison purposes based on the nature of the item.

Fees and commissions revenue

Diversified sources of fees and commissions revenue are a significant part of our business strategy and represented $46 \%$ of total revenue for the second quarter of 2012, excluding provision for credit losses and gains and losses on asset sales, securities and derivatives. We believe that a variety of fee revenue sources provide an offset to changes in interest rates, values in the equity markets, commodity prices and consumer spending, all of which can be volatile. We expect continued growth in other operating revenue through offering new products and services and by further development of our presence in markets outside of Oklahoma. However, current and future economic conditions, regulatory constraints, increased competition and saturation in our existing markets could affect the rate of future increases.

5-

Brokerage and trading revenue, which includes revenues from securities trading, retail brokerage, customer derivative and investment banking increased $\$ 8.9$ million or $37 \%$ compared to the second quarter of 2011 . Securities trading revenue totaled $\$ 16.1$ million for the second quarter of 2012 , up $\$ 2.8$ million over the second quarter of 2011. Securities trading revenue represents net realized and unrealized gains primarily related to sales of U.S. government securities, residential mortgage-backed securities guaranteed by U.S. government agencies and municipal securities to institutional customers. We believe these activities will be permitted under the Volcker Rule of the Dodd-Frank Act.

Revenue earned from retail brokerage transactions increased $\$ 713$ thousand or $10 \%$ over the second quarter of 2011 to $\$ 8.1$ million. Retail brokerage revenue is primarily based on fees and commissions earned on sales of fixed income securities, annuities and mutual funds to retail customers. Revenue growth was primarily due to increased market volatility which increased customer demand.

Customer hedging revenue is based primarily on realized and unrealized changes in the fair value of derivative contracts held for customer risk management programs. As more fully discussed under Customer Derivative Programs in Note 3 of the Consolidated Financial Statements, we offer commodity, interest rate, foreign exchange and equity derivatives to our customers. Customer hedging revenue totaled $\$ 4.2$ million for the second quarter of 2012, up $\$ 3.1$ million over the second quarter of 2011. The Company received a $\$ 2.9$ million recovery from the Lehman Brothers bankruptcy in the second quarter of 2012 related to derivative contract losses incurred in 2008. In addition, revenue from to be announced ("TBA") residential mortgage backed securities which are classified as interest rate derivative contracts sold to our mortgage banking customers increased over the second quarter of 2011.

Investment banking includes fees earned upon completion of underwriting and financial advisory services totaled \$4.2 million for the second quarter of 2012 , a $\$ 2.3$ million or $116 \%$ increase over the second quarter of 2011 related to the timing and volume of completed transactions. The increased volume of transactions is primarily the result of the Company's expansion of its municipal financial advisory service capacity, particularly in the Texas market.

Brokerage and trading revenue increased $\$ 1.5$ million over the first quarter of 2012. Investment banking fees were up $\$ 1.2$ million over the first quarter of 2012. Retail brokerage fees were up $\$ 512$ thousand over the first quarter of 2012. Securities trading and customer hedging revenue were both flat compared to the prior quarter. The impact of the Lehman recovery was offset by a $\$ 1.2$ million decrease in revenue from energy derivative contracts due to a decline in contract volumes. Revenue from interest rate derivative contracts decreased $\$ 616$ thousand primarily due to changes in the fair value of TBA securities sold to our mortgage banking customers compared to the first quarter of 2012.

We continue to monitor the on-going development of rules to implement the Volcker Rule in Title VI of the Dodd-Frank Act which prohibits banking entities from engaging in proprietary trading as defined by the Dodd-Frank Act and restricts sponsorship of, or investment in, private equity funds and hedge funds, subject to limited exceptions. Based on the proposed rules, we expect the Company's trading activity to be largely unaffected, as our trading activities are all done for the benefit of the customers and securities traded are mostly exempted under the proposed rules. The Company's private equity investment activity may be curtailed, but is not expected to result in a material impact to the Company's financial statements. Final regulations will likely impose additional operating and compliance costs as presently proposed.

Title VII of the Dodd-Frank Act subjects nearly all derivative transactions to Commodity Futures Trading Commission ("CFTC") or Securities and Exchange Commission ("SEC") regulations. Title VII, among other things, imposes registration, recordkeeping, reporting, capital and margin, as well as business conduction requirements on major swap dealers and major swap participants. The CFTC and SEC delayed the effective dates of a large portion of the proposed regulations under Title VII until December 31, 2012. On April 18, 2012, the CFTC and SEC both

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approved interim final rules on the definition of swaps dealers. Under these rules, entities transacting, as a dealer, less than $\$ 8$ billion in notional value of swaps over any 12 month period during the first three years after the rules are effective will be exempt from the definition of swaps dealer; after that three year period, the $\$ 8$ billion amount may become $\$ 3$ billion, subject to the results of studies the commissions intend to undertake once the derivatives rules are effective. For purposes of the foregoing test, certain derivatives transactions entered into by a customer in connection with a loan from the Company are not considered dealing activity. The "swap dealer" definitional rules are scheduled to go into effect in October 2012. The Company currently estimates that its volume of swap activities (excluding transactions entered into in connection with a loan from the Company to its customers) are unlikely to require it to register as a "swap dealer", at least at any time prior to October 2015 (the minimum period for which the $\$ 8$ billion notional value threshold will be in effect). Although the ultimate impact of Title VII remains uncertain, we currently believe its full implementation is likely not to impose significantly higher compliance costs on the Company.

## - 6 -

Transaction card revenue depends largely on the volume and amount of transactions processed, the number of TransFund automated teller machine ("ATM") locations and the number of merchants served. Transaction card revenue for the second quarter of 2012 decreased $\$ 4.3$ million or $14 \%$ compared to the second quarter of 2011 . Revenues from the processing of transactions on behalf of the members of our TransFund electronic funds transfer ("EFT") network totaled $\$ 13.5$ million, up $\$ 1.0$ million or $8 \%$ over the second quarter of 2011 , due primarily to increased transaction volumes. Merchant services fees paid by customers for account management and electronic processing of card transactions and revenue from interchange fees from debit cards issued by the Company were both down primarily due to the impact of interchange fee regulations, commonly referred to as the Durbin Amendment, which became effective on October 1, 2011. Merchant services fees totaled $\$ 8.8$ million, down $\$ 366$ thousand or $4 \%$ compared to the prior year. Revenue from interchange fees paid by merchant banks for transactions processed from debit cards issued by the Company totaled $\$ 4.5$ million for the second quarter of 2012 compared to $\$ 9.3$ million for the second quarter of 2011.

Transaction card revenue increased $\$ 1.3$ million over the first quarter of 2012. Merchant services fees for account management and electronic processing of card transactions increased $\$ 885$ thousand, revenue from interchange fees paid by merchant banks for transactions processed from debit cards issued by the Company increased $\$ 253$ thousand and revenue from processing transactions on behalf of members of our TransFund EFT network increased $\$ 190$ thousand.

Trust fees and commissions increased $\$ 781$ thousand or $4 \%$ compared to the second quarter of 2011. We continue to voluntarily waive administration fees on the Cavanal Hill money market funds in order to maintain positive yields on these funds in the current low short-term interest rate environment. Waived fees totaled $\$ 2.2$ million for the second quarter of 2012, $\$ 1.6$ million for the second quarter of 2011 and $\$ 2.6$ million for the first quarter of 2012. The fair value of trust assets administered by the Company totaled $\$ 35.3$ billion at June 30, 2012, $\$ 33.1$ billion at June 30, 2011 and $\$ 35.7$ billion at March 31, 2012. Trust fees and commissions increased $\$ 1.5$ million compared to the first quarter of 2012 primarily due to the timing of annual tax service fees.

Deposit service charges and fees increased $\$ 1.4$ million or $6 \%$ over the second quarter of 2011 . Overdraft fees totaled $\$ 14.3$ million for the second quarter of 2012, down $\$ 384$ thousand or $3 \%$ compared to the second quarter of 2011. Commercial account service charge revenue totaled $\$ 8.7$ million, up $\$ 929$ thousand or $12 \%$ over the prior year. The average earnings credit, a non-cash method for commercial customers to avoid incurring charges for deposit services based on account balances, decreased 23 basis points compared to the prior year to better align with market interest rates. Service charges on deposit accounts with a standard monthly fee also increased $\$ 810$ thousand or 58\% over the second quarter of 2011.

Deposit service charges and fees increased $\$ 837$ thousand over the prior quarter. Overdraft fees increased $\$ 748$ thousand and service charges on deposit accounts with a standard monthly fee increased $\$ 596$ thousand, partially offset by a $\$ 457$ thousand decrease in commercial account service charges.

Mortgage banking revenue increased $\$ 20.2$ million over the second quarter of 2011 primarily due to increased mortgage loan production volume and improved pricing of loans sold which resulted from continued low interest rates. Revenue from originating and marketing mortgage loans totaled $\$ 29.7$ million, up $\$ 20.3$ million or $216 \%$ over the second quarter of 2011. Mortgage loans funded for sale totaled $\$ 842$ million in the second quarter of 2012 and $\$ 484$ million in the second quarter of 2011. Outstanding commitments to originate mortgage loans were up $\$ 236$ million or $151 \%$ over June 30, 2011. Mortgage servicing revenue decreased $\$ 88$ thousand or $1 \%$ compared to the second quarter of 2011. The outstanding principal balance of mortgage loans serviced for others totaled $\$ 11.6$ billion, up $\$ 281$ million over June 30, 2011.

Mortgage banking revenue increased $\$ 6.5$ million compared to the first quarter of 2012 primarily due to a $\$ 6.6$ million increase in revenue from originating and marketing residential mortgage loans. Residential mortgage loans funded for sale increased $\$ 96$ million compared to the previous quarter. Outstanding commitments to originate mortgage loans were up $\$ 90$ million or $30 \%$ over March 31, 2012. Mortgage servicing revenue was largely unchanged compared to the prior quarter. The outstanding balance of mortgage loans serviced for others was up $\$ 186$ million over March 31, 2012.

- 7 -

Table 3 - Mortgage Banking Revenue
(In thousands)


June 30,

2012 Increase 2011 | \% | March 31, | Increase | \% |
| :--- | :--- | :--- | :--- | :--- |
| Increase | 2012 |  |  |$\quad$ Increase

Outstanding principal
$\begin{array}{llllllllll}\begin{array}{l}\text { balance of mortgage } \\ \text { loans serviced for }\end{array} & \$ 11,564,643 & \$ 11,283,442 & \$ 281,201 & 2 & \% & \$ 11,378,806 & \$ 185,837 & 2 & \%\end{array}$ others
Net gains on securities, derivatives and other assets
In the second quarter of 2012, we recognized a $\$ 14.2$ million gain on the sale of $\$ 26$ million of common stock received in 2009 in partial satisfaction of a defaulted commercial loan. In addition, we recognized $\$ 6.1$ million in gains on sales of $\$ 433$ million of residential mortgage-backed securities guaranteed by U.S. government agencies. Securities were sold either because they had reached their expected maximum potential return or to mitigate exposure to prepayment risk. We recognized $\$ 5.5$ million of gains on sales of $\$ 654$ million of available for sale securities in the second quarter of 2011 and $\$ 11.7$ million of net gains on sales of $\$ 892$ million of U.S. government agency mortgage-backed securities held as available for sale in the first quarter of 2012.

We also sold $\$ 107$ million of privately issued residential mortgage-backed securities at a $\$ 7.4$ million loss in March 2012. The fair value of these securities increased nearly $10 \%$ between December 31, 2011 and February 29, 2012. In response to this increase in fair value, management evaluated all privately issued residential mortgage-backed securities to determine which securities we did not intend to sell based on their expected performance. All securities which we believed to have reached their expected maximum potential at that time were sold in March.

We also maintain a portfolio of residential mortgage backed securities issued by U.S. government agencies and interest rate derivative contracts designated as an economic hedge of the changes in the fair value of our mortgage servicing rights. The fair value of our mortgage servicing rights fluctuate due to changes in prepayment speeds and other assumptions as more fully described in Note 5 to the Consolidated Financial Statements. As benchmark mortgage rates increase, prepayment speeds slow and the value of our mortgage servicing rights increase. As benchmark mortgage rates fall, prepayment speeds increase and the value of our mortgage servicing rights decrease.

Changes in the fair value of mortgage servicing rights are highly dependent on changes in primary mortgage rates, rates offered to borrowers, and assumptions about servicing revenues, servicing costs and discount rates. Changes in the fair value of residential mortgage-backed securities and interest rate derivative contracts are highly dependent on changes in secondary mortgage rates, or rates required by investors. While primary and secondary mortgage rates generally move in the same direction, the spread between them may widen and narrow due to market conditions and government intervention. Changes in assumptions and the spread between the primary and secondary rates can cause significant quarterly earnings volatility.

Table 4 following shows the relationship between changes in the fair value of mortgage servicing rights and interest rate derivative contracts designated as an economic hedge.

- 8 -

Table 4 - Gain (Loss) on Mortgage Servicing Rights (In thousands)

|  | Three Months Ended |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | June 30, | March 31, | June 30, |  |
|  | 2012 | 2012 | 2011 |  |
|  | $\$ 2,623$ | $\$(2,445$ | $)$ | $\$ 1,224$ |
| Gain (loss) on mortgage hedge derivative contracts, net | 6,908 | $(2,393$ | $)$ | 9,921 |
| Gain (loss) on fair value option securities, net | 9,531 | $(4,838$ | 11,145 |  |
| Gain (loss) on economic hedge of mortgage servicing rights | $(11,450$ | $)$ | 7,127 | $(13,493$ |$)$

As more fully discussed in Note 2 to the Consolidated Financial Statements, we recognized other-than-temporary impairment losses on certain private-label residential mortgage-backed securities of $\$ 858$ thousand in earnings during the second quarter of 2012. These losses primarily related to additional declines in projected cash flows of private-label mortgage backed securities as a result of increased home price depreciation on privately issued residential mortgage-backed securities that we do not intend to sell. We recognized other-than-temporary impairment losses in earnings of $\$ 4.8$ million in the second quarter of 2011 and $\$ 3.7$ million in the first quarter of 2012.

[^0]
## Other Operating Expense

Other operating expense for the second quarter of 2012 totaled $\$ 223.8$ million, up $\$ 20.6$ million or $10 \%$ over the second quarter of 2011. Changes in the fair value of mortgage servicing rights increased operating expense $\$ 11.5$ million in the second quarter of 2012 and $\$ 13.5$ million in the second quarter of 2011. Excluding changes in the fair value of mortgage servicing rights, operating expenses were up $\$ 22.6$ million or $12 \%$ over the second quarter of 2011. Personnel expenses increased $\$ 16.7$ million or $16 \%$. Non-personnel expenses increased $\$ 5.9$ million or $7 \%$.

Excluding changes in the fair value of mortgage servicing rights, operating expenses were up $\$ 20.0$ million over the previous quarter. Personnel expenses increased $\$ 7.5$ million and non-personnel expenses increased $\$ 12.4$ million.

Table 5 - Other Operating Expense
(In thousands)

|  | Three Months Ended June 30, |  | Increase | Increase |  | Three |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Months <br> Ended |  |  | Increase | Increase |  |
|  | 2012 | 2011 |  | (Decrease) | (Decrease) |  | $\begin{aligned} & \text { March 31, } \\ & 2012 \end{aligned}$ | (Decrease) | (Decrease) |  |
| Regular compensation | \$65,218 | \$61,380 | \$3,838 | 6 | \% | \$63,132 | \$2,086 | 3 | \% |
| Incentive compensation: |  |  |  |  |  |  |  |  |  |
| Cash-based | 27,950 | 23,530 | 4,420 | 19 | \% | 26,241 | 1,709 | 7 | \% |
| Stock-based | 11,349 | 3,122 | 8,227 | 264 | \% | 6,625 | 4,724 | 71 | \% |
| Total incentive compensation | 39,299 | 26,652 | 12,647 | 47 | \% | 32,866 | 6,433 | 20 | \% |
| Employee benefits | 17,780 | 17,571 | 209 | 1 | \% | 18,771 | (991 | (5 | )\% |
| Total personnel expense | 122,297 | 105,603 | 16,694 | 16 | \% | 114,769 | 7,528 | 7 | \% |
| Business promotion | 6,746 | 4,777 | 1,969 | 41 | \% | 4,388 | 2,358 | 54 | \% |
| Professional fees and services | 8,343 | 6,258 | 2,085 | 33 | \% | 7,599 | 744 | 10 | \% |
| Net occupancy and equipment | 16,906 | 15,554 | 1,352 | 9 | \% | 16,023 | 883 | 6 | \% |
| Insurance | 4,011 | 4,771 | (760 | (16 | )\% | 3,866 | 145 | 4 | \% |
| Data processing \& communications | 25,264 | 24,428 | 836 | 3 | \% | 22,144 | 3,120 | 14 | \% |
| Printing, postage and supplies | 3,903 | 3,586 | 317 | 9 | \% | 3,311 | 592 | 18 | \% |
| Net losses \& operating expenses of repossessed assets | 5,912 | 5,859 | 53 | 1 | \% | 2,245 | 3,667 | 163 | \% |
| Amortization of intangible assets | 545 | 896 | (351 ) | ) (39 | )\% | 575 | (30 | ) (5 | )\% |
| Mortgage banking costs | 11,173 | 8,968 | 2,205 | 25 | \% | 7,573 | 3,600 | 48 | \% |
| Change in fair value of mortgage servicing rights | 11,450 | 13,493 | (2,043 | (15 | )\% | (7,127 | ) 18,577 | (261 | )\% |
| Other expense | 7,236 | 9,016 | (1,780 ) | ) (20 | )\% | 9,871 | (2,635 | ) (27 | )\% |
| Total other operating expense | \$223,786 | \$203,209 | \$20,577 | 10 | \% | \$185,237 | \$38,549 | 21 | \% |
|  | 4,585 | 4,530 | 55 | 1 | \% | 4,630 | (45 | ) (1 | )\% |

Number of employees
(full-time equivalent)
Certain percentage increases (decreases) are not meaningful for comparison purposes.
Personnel expense
Regular compensation, which consists of salaries and wages, overtime pay and temporary personnel costs increased $\$ 3.8$ million or $6 \%$ over the second quarter of 2011 primarily due to standard annual merit increases which were effective in the second quarter of 2012. The Company generally awards annual merit increases during the first quarter for a majority of its staff.

Incentive compensation increased $\$ 12.6$ million or $47 \%$ over the second quarter of 2011. Cash-based incentive compensation plans are either intended to provide current rewards to employees who generate long-term business opportunities for the Company based on growth in loans, deposits, customer relationships and other measurable metrics or intended to compensate employees with commissions on completed transactions. Total cash-based incentive compensation increased $\$ 4.4$ million or

- 10 -

19\% over the second quarter of 2011. Cash-based incentive compensation related to brokerage and trading revenue was up $\$ 4.6$ million over the second quarter of 2011 and all other cash-based incentive compensation was essentially flat compared to the prior year.

The Company also provides stock-based incentive compensation plans. Stock-based compensation plans include both equity and liability awards. Compensation expense for equity awards increased $\$ 712$ thousand over the second quarter of 2011. Expense for equity awards is based on the grant-date fair value of the awards and is unaffected by subsequent changes in fair value. Compensation expense related to liability awards increased $\$ 7.5$ million over the second quarter of 2011 primarily due to the timing of accruals related to the BOK Financial Corp. True-Up Plan. Approved by shareholders on April 26, 2011, the True-Up Plan is designed to adjust annual and long-term performance-based incentive compensation for certain senior executives either upward or downward based on the earnings per share performance and compensation of comparable senior executives at peer banks.

Employee benefit expense was essentially flat compared to the second quarter of 2011. Increased expenses related to payroll tax were offset by lower employee medical insurance costs.

Personnel expense increased $\$ 7.5$ million compared to the first quarter of 2012. Incentive compensation increased $\$ 6.4$ million over the first quarter of 2012. Stock-based compensation increased $\$ 4.7$ million due to the timing of accruals and cash-based incentive compensation increased $\$ 1.7$ million. Regular compensation expense increased $\$ 2.1$ million over the first quarter of 2012 due to standard annual merit increases which were fully effective in the second quarter of 2012.

Employee benefit expenses decreased $\$ 1.0$ million compared to the first quarter of 2012 due to seasonal decreases in payroll tax expense and lower employee medical costs.

Non-personnel operating expenses
Non-personnel operating expenses, excluding changes in the fair value of mortgage servicing rights, increased $\$ 5.9$ million over the second quarter of 2011. Mortgage banking costs increased $\$ 2.2$ million due primarily to a $\$ 3.7$ million increase in the provision for potential losses on loans sold to government sponsored entities under standard representation and warranties. While the number of actual repurchases has remained low, the loss severity has trended higher. The accrual for potential losses totaled $\$ 5.0$ million at June 30, 2012. Professional fees and services increased $\$ 2.1$ million primarily due to increased loan volumes and business promotion expense increased $\$ 2.0$ million due to the timing of marketing expenses. Net losses and operating expenses of repossessed assets were flat compared to the second quarter of 2011.

Excluding changes in the fair value of mortgage servicing rights, non-personnel operating expenses increased $\$ 12.4$ million compared to the first quarter of 2012. Net losses and operating expenses on repossessed properties were up $\$ 3.7$ million over the first quarter of 2012. Losses on sales and write-downs of repossessed assets increased by $\$ 2.7$ million. Write-downs of repossessed assets were up primarily due to the timing of regularly scheduled appraisal updates, partially offset by decreased losses on sales of repossessed assets. Operating expenses of repossessed assets were up $\$ 945$ thousand over the first quarter. Mortgage banking costs were up $\$ 3.6$ million primarily due to increased provision for potential losses on loans sold to government sponsored entities under standard representations and warranties. Data processing and communication expense increased $\$ 3.1$ million. Data processing and communications expense in the first quarter was lower due to the favorable resolution of a dispute with a service provider. Business promotion expense was up $\$ 2.4$ million due primarily to timing of marketing expenses.

Income Taxes

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Income tax expense was $\$ 53.1$ million or $35 \%$ of book taxable income for the second quarter of 2012 compared to $\$ 39.4$ million or $35 \%$ of book taxable income for the second quarter of 2011 and $\$ 45.5$ million or $35 \%$ of book taxable income for the first quarter of 2012.

BOK Financial operates in numerous jurisdictions, which requires judgment regarding the allocation of income, expense and earnings under various laws and regulations of each of these taxing jurisdictions. Each jurisdiction may audit our tax returns and may take different positions with respect to these allocations. The reserve for uncertain tax positions was \$13 million at June 30, 2012, March 31, 2012 and June 30, 2011.

- 11 -


## Lines of Business

We operate three principal lines of business: Commercial Banking, Consumer Banking and Wealth Management. Commercial Banking includes lending, treasury and cash management services and customer risk management products for small businesses, middle market and larger commercial customers. Commercial banking also includes the TransFund EFT network. Consumer Banking includes retail lending and deposit services and all mortgage banking activities. Wealth Management provides fiduciary services, brokerage and trading, private bank services and investment advisory services in all markets. Wealth Management also originates loans for high net worth clients.

In addition to our lines of business, we have a Funds Management unit. The primary purpose of this unit is to manage our overall liquidity needs and interest rate risk. Each line of business borrows funds from and provides funds to the funds management unit as needed to support their operations. Operating results for funds management and other include the effect of interest rate risk positions and risk management activities, securities gains and losses including impairment charges, the provision for credit losses in excess of net loans charged off, tax planning strategies and certain executive compensation costs that are not attributed to the lines of business.

We allocate resources and evaluate the performance of our lines of business after allocation of funds, certain indirect expenses, taxes based on statutory rates, actual net credit losses and capital costs. The cost of funds borrowed from the funds management unit by the operating lines of business is transfer priced at rates that approximate market rates for funds with similar duration. Market is generally based on the applicable LIBOR or interest rate swap rates, adjusted for prepayment risk. This method of transfer-pricing funds that support assets of the operating lines of business tends to insulate them from interest rate risk.

The value of funds provided by the operating lines of business to the funds management unit is also based on rates which approximate wholesale market rates for funds with similar duration and re-pricing characteristics. Market rates are generally based on LIBOR or interest rate swap rates. The funds credit formula applied to deposit products with indeterminate maturities is established based on their re-pricing characteristics reflected in a combination of the short-term LIBOR rate and a moving average of an intermediate term swap rate, with an appropriate spread applied to both. Shorter duration products are weighted towards the short term LIBOR rate and longer duration products are weighted towards the intermediate swap rates. The expected duration ranges from 30 days for certain rate-sensitive deposits to five years.

Economic capital is assigned to the business units by a capital allocation model that reflects management's assessment of risk. This model assigns capital based upon credit, operating, interest rate and market risk inherent in our business lines and recognizes the diversification benefits among the units. The level of assigned economic capital is a combination of the risk taken by each business line, based on its actual exposures and calibrated to its own loss history where possible. Average invested capital includes economic capital and amounts we have invested in the lines of business.

As shown in Table 6, net income attributable to our lines of business increased $\$ 21.8$ million over the second quarter of 2011. The increase in net income attributed to our lines of business was due primarily to growth in mortgage banking revenue and a gain on the sale of stock received in partial satisfaction of a defaulted loan, along with a decrease in net loans charged off.

Table 6 - Net Income by Line of Business
(In thousands)
Three Months Ended Six Months Ended

|  | June 30, | June 30, |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2011 | 2012 | 2011 |
| Commercial Banking | $\$ 43,369$ | $\$ 31,539$ | $\$ 76,438$ | $\$ 60,179$ |
| Consumer Banking | 14,726 | 7,099 | 34,184 | 13,616 |
| Wealth Management | 6,274 | 3,904 | 10,295 | 8,194 |
| Subtotal | 64,369 | 42,542 | 120,917 | 81,989 |
| Funds Management and other | 33,259 | 26,465 | 60,326 | 51,792 |
| Total | $\$ 97,628$ | $\$ 69,007$ | $\$ 181,243$ | $\$ 133,781$ |

- 12 -


## Commercial Banking

Commercial Banking contributed $\$ 43.4$ million to consolidated net income in the second quarter of 2012, up $\$ 11.8$ million or $38 \%$ over the second quarter of 2011 . A gain on the sale of stock received in partial satisfaction of a defaulted loan and the full recovery of a nonaccruing commercial loan added $\$ 11.7$ million to net income provided by Commercial Banking in the second quarter of 2012.

Table 7 - Commercial Banking
(Dollars in thousands)

|  | Three Mon <br> June 30, <br> 2012 | ths | Ended 2011 |  | Increase (Decrease) |  | Six Months <br> June 30, <br> 2012 | End | 2011 | Increase (Decrease) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest revenue from external sources | \$93,360 |  | \$85,325 |  | \$8,035 |  | \$ 182,698 |  | \$168,583 |  | \$14,115 |  |
| Net interest expense from internal sources | (11,164 | ) | (7,444 | ) | (3,720 |  | (22,920 | ) | (16,718 | ) | (6,202 | ) |
| Total net interest revenue | 82,196 |  | 77,881 |  | 4,315 |  | 159,778 |  | 151,865 |  | 7,913 |  |
| Net loans charged off | 748 |  | 4,829 |  | (4,081 |  | 7,140 |  | 11,605 |  | (4,465 | ) |
| Net interest revenue after net loans charged off | 81,448 |  | 73,052 |  | 8,396 |  | 152,638 |  | 140,260 |  | 12,378 |  |
| Fees and commissions revenue | 37,795 |  | 36,005 |  | 1,790 |  | 76,543 |  | 71,421 |  | 5,122 |  |
| Gain on financial instruments and other assets, net | 14,363 |  | 9 |  | 14,354 |  | 14,407 |  | 9 |  | 14,398 |  |
| Other operating revenue | 52,158 |  | 36,014 |  | 16,144 |  | 90,950 |  | 71,430 |  | 19,520 |  |
| Personnel expense | 25,504 |  | 23,918 |  | 1,586 |  | 50,348 |  | 47,095 |  | 3,253 |  |
| Net losses and expenses of repossessed assets | 5,002 |  | 4,490 |  | 512 |  | 5,669 |  | 9,190 |  | (3,521 | ) |
| Other non-personnel expense | 18,835 |  | 18,271 |  | 564 |  | 36,560 |  | 36,104 |  | 456 |  |
| Corporate allocations | 13,284 |  | 10,768 |  | 2,516 |  | 25,908 |  | 20,809 |  | 5,099 |  |
| Total other operating expense | 62,625 |  | 57,447 |  | 5,178 |  | 118,485 |  | 113,198 |  | 5,287 |  |
| Income before taxes | 70,981 |  | 51,619 |  | 19,362 |  | 125,103 |  | 98,492 |  | 26,611 |  |
| Federal and state income tax | 27,612 |  | 20,080 |  | 7,532 |  | 48,665 |  | 38,313 |  | 10,352 |  |
| Net income | \$43,369 |  | \$31,539 |  | \$11,830 |  | \$76,438 |  | \$60,179 |  | \$16,259 |  |
| Average assets | \$9,934,469 |  | \$9,174,216 |  | \$760,253 |  | \$10,008,708 |  | \$9,068,308 |  | \$940,400 |  |
| Average loans | 9,024,239 |  | 8,172,263 |  | 851,976 |  | 8,942,490 |  | 8,122,664 |  | 819,826 |  |
| Average deposits | 8,211,478 |  | 7,620,542 |  | 590,936 |  | 8,283,114 |  | 7,542,159 |  | 740,955 |  |
| Average invested capital | 862,816 |  | 867,491 |  | (4,675 ) | ) | 864,167 |  | 865,439 |  | (1,272 | ) |
| Return on average assets | 1.76 | \% | 1.38 | \% | 38 | bp | 1.54 | \% | 1.34 | \% | 20 |  |
|  | 20.22 | \% | 14.58 | \% | 564 |  | 17.79 |  | 14.02 |  | 377 |  |

Return on invested capital
$\left.\begin{array}{llllllll}\text { Efficiency ratio } & 52.19 & \% & 50.44 & \% 175 & \text { bp } 50.14 & \% 50.70 & \%(56\end{array}\right)$ bp

Net interest revenue increased $\$ 4.3$ million or $6 \%$ over the second quarter of 2011, including $\$ 2.9$ million from the recovery of foregone interest and fees on a nonaccruing loan. The remaining increase in net interest revenue was primarily due to an $\$ 852$ million increase in average loan balances, partially offset by a decrease in loan yield compared to the second quarter of 2011. Net interest earned on deposits sold to our funds management unit decreased $\$ 3.4$ million primarily due to lower yields on funds invested, partially offset by a $\$ 591$ million increase in the average balance of deposits attributed to Commercial Banking.

- 13 -

Fees and commissions revenue increased $\$ 1.8$ million or 5\% primarily due to increased commercial deposits service charges and fees as average earnings credit, a non-cash method for commercial customers to avoid incurring charges for deposit services based on account balances, decreased 23 basis points compared to the prior year to better align with market interest rates.

Operating expenses increased $\$ 5.2$ million or $9 \%$ over the second quarter of 2011. Personnel costs increased $\$ 1.6$ million or $7 \%$ primarily due to increased incentive compensation and standard annual merit increases. Net losses and operating expenses on repossessed assets increased $\$ 512$ thousand over the second quarter of 2011, primarily due to write-downs as the result of the timing of regularly scheduled appraisal updates. Other non-personnel expenses increased $\$ 564$ thousand or $3 \%$ over the prior year. Corporate expense allocations increased $\$ 2.5$ million primarily due to increased customer loan and deposit activity.

The average outstanding balance of loans attributed to Commercial Banking increased $\$ 852$ million to $\$ 9.0$ billion for the second quarter of 2012. See the Loans section of Management's Discussion and Analysis of Financial Condition following for additional discussion of changes in commercial and commercial real estate loans which are primarily attributed to the Commercial Banking segment. Net Commercial Banking loans charged off decreased $\$ 4.1$ million compared to the second quarter of 2011 to $\$ 748$ thousand or $0.03 \%$ of average loans attributed to this line of business on an annualized basis. The decrease in net loans charged off was primarily due to full recovery of a nonaccruing commercial loan and a decrease in losses on commercial real estate loans.

Average deposits attributed to Commercial Banking were $\$ 8.2$ billion for the second quarter of 2012, up $\$ 591$ million or $8 \%$ over the second quarter of 2011. Average balances attributed to our energy customers increased $\$ 399$ million or $49 \%$ and average balances attributed to our commercial \& industrial loan customers increased $\$ 388$ million or $14 \%$. Average balances held by treasury services customers were down $\$ 264$ million compared to the second quarter of 2011. Commercial customers continue to maintain high account balances due to continued economic uncertainty and persistently low yields available on high quality investments.

## Consumer Banking

Consumer banking services are provided through five primary distribution channels: traditional branches, supermarket branches, the 24 -hour ExpressBank call center, Internet banking and mobile banking.

Consumer banking contributed $\$ 14.7$ million to consolidated net income for the second quarter of 2012, up $\$ 7.6$ million primarily due to growth in mortgage banking revenue. Revenue from mortgage loan production was up $\$ 20.3$ million over the second quarter of 2011. Changes in fair value of our mortgage servicing rights, net of economic hedge, decreased net income attributed to consumer banking by $\$ 1.2$ million in the second quarter of 2012 and $\$ 1.4$ million in the second quarter of 2011.

Table 8 - Consumer Banking
(Dollars in thousands)
$\left.\begin{array}{llllll}\begin{array}{l}\text { Three Months Ended } \\ \text { June 30, } \\ 2012\end{array} & 2011 & \begin{array}{l}\text { Increase } \\ \text { (Decrease) }\end{array} & \begin{array}{l}\text { Six Months Ended } \\ \text { June 30, } \\ 2012\end{array} & 2011 & \begin{array}{l}\text { Increase } \\ \text { (Decrease) }\end{array} \\ \$ 23,125 & \$ 21,358 & \$ 1,767 & \$ 46,939 & \$ 40,022 & \$ 6,917 \\ 5,885 & 7,675 & (1,790 \quad) & 12,005 & 17,080 & (5,075\end{array}\right)$

Fees and

| commissions | 64,286 | 46,298 | 17,988 | 120,221 | 89,717 | 30,504 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

revenue
Gain on
financial
instruments and other assets, net Other operating revenue
$\left.\begin{array}{llllllll}\begin{array}{l}\text { Personnel } \\ \text { expense }\end{array} & 23,088 & 20,890 & 2,198 & 44,212 & 41,936 & 2,276 \\ \begin{array}{l}\text { Net losses and } \\ \text { expenses of } \\ \text { repossessed }\end{array} & 179 & 1,086 & (907 & ) & 394 & 1,657 & (1,263\end{array}\right)$
mortgage
servicing rights
Other

| non-personnel <br> expense | 30,086 | 23,814 | 6,272 | 53,308 | 44,459 | 8,849 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Corporate <br> allocations | 11,085 | 12,569 | $(1,484$ | $)$ | 21,403 | 25,638 | $(4,235$ | $)$ |
| Total other <br> operating | 75,888 | 71,852 | 4,036 | 123,640 | 124,054 | $(414 \quad)$ |  |  |

expense
$\left.\begin{array}{llllllll}\text { Income before } & 24,101 & 11,618 & 12,483 & 55,948 & 22,285 & 33,663 \\ \begin{array}{l}\text { taxes }\end{array} & & 4,519 & 4,856 & 21,764 & 8,669 & 13,095 \\ \begin{array}{l}\text { Federal and state } \\ \text { income tax }\end{array} & 9,375 & \$ 7,099 & \$ 7,627 & \$ 34,184 & \$ 13,616 & \$ 20,568 \\ \text { Net income } & \$ 14,726 & \$ 5,864,942 & \$(169,923) & \$ 5,757,046 & \$ 5,992,191 & \$(235,145) \\ \text { Average assets } & \$ 5,695,019 & 2,038,866 & 90,542 & 2,130,362 & 2,017,115 & 113,247\end{array}\right]$

- 15 -


## Banking locations

Residential mortgage loans servicing portfolio ${ }^{1}$
${ }^{1}$ Includes outstanding principal for loans serviced for affiliates

| June 30, | June 30, | Increase |
| :--- | :--- | :--- |
| 2012 | 2011 | (Decrease) |
| 213 | 207 | 6 |
| $\$ 12,635,324$ | $\$ 12,177,661$ | $\$ 457,663$ |

Net interest revenue from consumer banking activities was flat compared to the second quarter of 2011. Net interest earned on residential mortgage-backed securities held as an economic hedge of mortgage servicing rights declined by $\$ 3.2$ million due to a $\$ 208$ million reduction in the average balance of this portfolio. Average loan balances were up $\$ 91$ million or $4 \%$ over the second quarter of 2011 . Other consumer loans increased, partially offset by decreased balances of indirect automobile loans due to paydowns. The Company previously disclosed its decision to exit the indirect automobile loan business in the first quarter of 2009. Net interest earned on deposits sold to our funds management unit decreased $\$ 886$ thousand primarily due to lower yields on funds invested.

Net loans charged off by the Consumer Banking unit increased $\$ 1.2$ million compared to the second quarter of 2011 primarily due to increased residential mortgage loan charge-offs. Net consumer banking charge-offs also includes indirect automobile loans, overdrawn deposit accounts and other direct consumer loans.

Fees and commissions revenue increased $\$ 18.0$ million or $39 \%$ over the second quarter of 2011 . Mortgage banking revenue was up $\$ 20.7$ million or $106 \%$ compared to the prior year primarily due to increased residential mortgage loan originations and commitments and improved pricing of loans sold. Transaction card revenues were down $\$ 4.5$ million or $44 \%$ from the prior year primarily due to the impact of interchange fee regulations which became effective on October 1, 2011.

Excluding the change in the fair value of mortgage servicing rights, operating expenses increased $\$ 6.1$ million over the second quarter of 2011. Personnel expenses were up $\$ 2.2$ million or $11 \%$ primarily due to expansion of our mortgage banking division which positioned us to benefit from increased demand as the result of continued low mortgage interest rates. Non-personnel expense increased $\$ 6.3$ million or $26 \%$ due primarily to increased mortgage banking activity and included a $\$ 2.2$ million increase in mortgage banking costs primarily related to increasing our accrual for potential credit losses on loans sold to U.S. government agencies under standard representations and warranties. Our level of repurchases to date has remained low relative to the size of our servicing portfolio and we expect it to remain low; however, the loss severity of loans we have had to repurchase from the agencies has trended higher. See additional discussion of the repurchase level in Note 5 to the Consolidated Financial Statements. Corporate expense allocations were down $\$ 1.5$ million compared to the second quarter of 2011. Net losses and operating expenses of repossessed assets were down $\$ 907$ thousand compared to the prior year.

Average consumer deposits decreased $\$ 64$ million or $1 \%$ compared to the second quarter of 2011. Average interest-bearing transaction accounts increased $\$ 146$ million or $5 \%$ and average demand deposits increased $\$ 92$ million or $16 \%$. Average time deposit balances were down $\$ 344$ million or $16 \%$ compared to the prior year.

Our Consumer Banking division originates, markets and services conventional and government-sponsored residential mortgage loans for all of our geographical markets. We funded $\$ 918$ million of residential mortgage loans in the second quarter of 2012 and $\$ 533$ million in the second quarter of 2011. Mortgage loan fundings included $\$ 842$ million of mortgage loans funded for sale in the secondary market and $\$ 76$ million funded for retention within the consolidated group. Approximately $36 \%$ of our mortgage loans funded were in the Oklahoma market, $16 \%$ in the New Mexico market, $14 \%$ in the Texas market and $14 \%$ in the Colorado market. In addition, $6 \%$ of our mortgage loan fundings came from correspondent lenders. Expansion of our mortgage banking division in the Texas, Colorado and Kansas markets positioned us to benefit from increased demand as the result of continued low mortgage interest rates.

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At June 30, 2012, the Consumer Banking division services $\$ 11.6$ billion of mortgage loans serviced for others and $\$ 1.1$ billion of loans retained within the consolidated group. Approximately $97 \%$ of the mortgage loans serviced by the Consumer Banking division were to borrowers in our primary geographical market areas. Loans past due 90 days or more totaled $\$ 109$ million or $0.94 \%$ of loans serviced for others at June 30, 2012 compared to $\$ 109$ million or $0.96 \%$ of loans serviced for others at March 31, 2012. Mortgage servicing revenue, including revenue on loans serviced for the the consolidated group, increased $\$ 422$ thousand or $4 \%$ over the second quarter of 2011 to $\$ 10.4$ million.

Wealth Management
Wealth Management contributed $\$ 6.3$ million to consolidated net income in second quarter of 2012, up $\$ 2.4$ million or $61 \%$ over the second quarter of 2011 .

Table 9 - Wealth Management
(Dollars in thousands)

|  | Three Months Ended <br> June 30, <br>  <br> 2012 |  |  | 2011 | Increase <br> (Decrease) | Six Months Ended <br> June 30, |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Net interest revenue <br> from external sources | $\$ 7,137$ | $\$ 7,926$ | $\$(789$ | $\$ 14,277$ | $\$ 16,150$ | $\$(1,873)$ |


| Fees and commissions revenue | 51,229 | 42,266 | 8,963 |  | 97,674 | 82,191 | 15,483 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gain on financial instruments and other assets, net | 327 | 522 | (195 | ) | 275 | 565 | (290 |
| Other operating revenue | 51,556 | 42,788 | 8,768 |  | 97,949 | 82,756 | 15,193 |
| Personnel expense | 36,682 | 31,954 | 4,728 |  | 71,933 | 60,275 | 11,658 |
| Net losses (gains) and expenses of repossessed assets | 15 | 37 | (22 | ) | 20 | (4 ) | 24 |
| Other non-personnel expense | 7,381 | 6,990 | 391 |  | 14,326 | 14,087 | 239 |
| Corporate allocations | 9,131 | 8,416 | 715 |  | 18,205 | 16,744 | 1,461 |
| Other operating expense | 53,209 | 47,397 | 5,812 |  | 104,484 | 91,102 | 13,382 |
| Income before taxes | 10,269 | 6,390 | 3,879 |  | 16,850 | 13,410 | 3,440 |
| Federal and state income tax | 3,995 | 2,486 | 1,509 |  | 6,555 | 5,216 | 1,339 |
| Net income | \$6,274 | \$3,904 | \$2,370 |  | \$10,295 | \$8,194 | \$2,101 |
| Average assets | \$4,194,153 | \$3,883,815 | \$310,338 |  | \$4,195,283 | \$3,862,949 | \$332,334 |
| Average loans | 927,321 | 1,016,942 | (89,621 | ) | 927,429 | 1,035,253 | (107,824 |
| Average deposits | 4,086,874 | 3,784,131 | 302,743 |  | 4,096,555 | 3,762,978 | 333,577 |
|  | 176,704 | 176,070 | 634 |  | 176,149 | 175,506 | 643 |

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Average invested capital

| Return on average <br> assets | 0.60 | $\%$ | 0.40 | $\%$ | bp 0.49 | $\%$ | 0.43 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

- 17 -

|  | June 30, <br> 2012 | June 30, <br> 2011 | Increase <br> (Decrease) |
| :--- | :--- | :--- | :--- |
| Trust assets in custody for which BOKF has sole or joint discretionary <br> authority | $\$ 10,225,038$ | $\$ 9,687,621$ | $\$ 537,417$ |
| Trust assets not in custody for which BOKF has sole or joint <br> discretionary authority | 231,167 | 195,751 | 35,416 |
| Non-managed trust assets in custody | $12,680,420$ | $12,450,949$ | 229,471 |
| Trusts assets held in safekeeping | $12,612,094$ | $10,936,886$ | $1,675,208$ |
| Trust assets | $35,748,719$ | $33,271,207$ | $2,477,512$ |
| Other assets held in safekeeping | $8,325,723$ | $6,771,439$ | $1,554,284$ |
| Brokerage accounts under BOKF administration | $4,109,662$ | $3,392,134$ | 717,528 |
| Assets under management or in custody | $\$ 48,184,104$ | $\$ 43,434,780$ | $\$ 4,749,324$ |

Net interest revenue for the second quarter of 2012 was up $\$ 821$ thousand or $7 \%$ over the second quarter of 2011. Average loan balances were down $\$ 90$ million. Average deposit balances were up $\$ 303$ million or $8 \%$ over the prior year. The impact of this increase on net interest revenue was partially offset by decreased yield on deposits sold to the fund management unit. Net loans charged off decreased $\$ 102$ thousand from the second quarter of 2011 to $\$ 521$ thousand or $0.23 \%$ of average loans on an annualized basis.

Fees and commission revenue was up $\$ 9.0$ million or $21 \%$ over the second quarter of 2011, primarily due to a $\$ 7.9$ million or $36 \%$ increase in brokerage and trading revenues and a $\$ 780$ thousand or $4 \%$ increase in trust fees primarily due to timing of fees.

Other operating revenue includes fees earned from state and municipal bond underwriting and financial advisory services, primarily in the Oklahoma and Texas markets. In the second quarter of 2012, the Wealth Management division participated in 137 underwritings that totaled $\$ 1.7$ billion. As a participant, the Wealth Management division was responsible for facilitating the sale of approximately $\$ 719$ million of these underwritings. In the second quarter of 2011, the Wealth Management division participated in 61 underwritings that totaled approximately $\$ 961$ million. Our interest in these underwritings totaled approximately $\$ 286$ million.

Operating expenses increased $\$ 5.8$ million or $12 \%$ over the second quarter of 2011. Personnel expenses increased $\$ 4.7$ million. Incentive compensation increased $\$ 3.3$ million over the prior year. Regular compensation costs increased $\$ 1.2$ million primarily due to increased headcount and annual merit increases. Non-personnel expenses increased $\$ 391$ thousand or $6 \%$ due primarily to additional expenses incurred related to expansion of the Wealth Management business line.

Growth in average assets was largely due to funds sold to the funds management unit. Average deposits attributed to the Wealth Management division were up $\$ 303$ million or $8 \%$ over the second quarter of 2011 primarily due to a $\$ 302$ million increase in average demand deposits accounts. Average interest-bearing transaction accounts increased $\$ 81$ million offset by an $\$ 81$ million decrease in average time deposit balances.

## Geographical Market Distribution

The Company secondarily evaluates performance by primary geographical market. Loans are generally attributed to geographical markets based on the location of the customer and may not reflect the location of the underlying collateral. Brokered deposits and other wholesale funds are not attributed to a geographical market. Funds management and other also includes insignificant results of operations in locations outside our primary geographic regions.

Table 10 - Net Income by Geographic Region
(In thousands)

|  | Three Months Ended <br> June 30, |  | Six Months Ended <br> June 30, |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2011 | 2012 | 2011 |
| Oklahoma | $\$ 36,442$ | $\$ 27,818$ | $\$ 69,810$ | $\$ 52,865$ |
| Texas | 11,664 | 10,163 | 24,758 | 20,330 |
| New Mexico | 5,137 | 2,856 | 9,667 | 5,765 |
| Arkansas | 5,453 | 19 | 7,621 | 850 |
| Colorado | 3,507 | 1,457 | 5,996 | 3,869 |
| Arizona | $(910$ | $(902$ | $)(2,702$ | $(3,970$ |
| Kansas / Missouri | 2,106 | 958 | 4,145 | 1,927 |
| Subtotal | 63,399 | 42,369 | 119,295 | 81,636 |
| Funds management and other | 34,229 | 26,638 | 61,948 | 52,145 |
| Total | $\$ 97,628$ | $\$ 69,007$ | $\$ 181,243$ | $\$ 133,781$ |

- 19 -

Oklahoma Market
Our Oklahoma offices are located primarily in the Tulsa and Oklahoma City metropolitan areas. Oklahoma is a significant market to the Company, representing $48 \%$ of our average loans, $55 \%$ of our average deposits and $37 \%$ of our consolidated net income in the second quarter of 2012. In addition, all of our mortgage servicing activity, TransFund EFT network and $67 \%$ of our trust assets are attributed to the Oklahoma market.

Table 11 - Oklahoma
(Dollars in thousands)

|  | $\begin{array}{l}\text { Three Months Ended } \\ \text { June 30, }\end{array}$ |  |  | 2011 | $\begin{array}{l}\text { Increase } \\ \text { (Decrease) }\end{array}$ | $\begin{array}{l}\text { Six Months Ended } \\ \text { June 30, }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2012 |  |  |  |  |  |$)$


| Fees and commissions revenue | 83,226 | 76,607 | 6,619 |  | 160,681 | 148,387 | 12,294 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gain on financial instruments and other assets, net | 25,460 | 11,799 | 13,661 |  | 20,570 | 5,903 | 14,667 |
| Other operating revenue | 108,686 | 88,406 | 20,280 |  | 181,251 | 154,290 | 26,961 |
| Personnel expense | 38,697 | 37,559 | 1,138 |  | 75,239 | 71,198 | 4,041 |
| Net losses and expenses of repossessed assets | 1,578 | 2,334 | (756 | ) | 1,994 | 2,918 | (924 |
| Change in fair value of mortgage servicing rights | 11,450 | 13,493 | (2,043 | ) | 4,323 | 10,364 | (6,041 ) |
| Other non-personnel expense | 43,067 | 36,438 | 6,629 |  | 78,451 | 69,331 | 9,120 |
| Corporate allocations | 8,125 | 10,523 | (2,398 | ) | 17,729 | 20,015 | (2,286 |
| Total other operating expense | 102,917 | 100,347 | 2,570 |  | 177,736 | 173,826 | 3,910 |
| Income before taxes | 59,643 | 45,529 | 14,114 |  | 114,255 | 86,522 | 27,733 |
| Federal and state income tax | 23,201 | 17,711 | 5,490 |  | 44,445 | 33,657 | 10,788 |
| Net income | \$36,442 | \$27,818 | \$8,624 |  | \$69,810 | \$52,865 | \$16,945 |
| Average assets | \$11,375,404 | \$ 10,691,211 | \$684,193 |  | \$11,464,605 | \$ 10,567,673 | \$896,932 |

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| Average loans | 5,558,617 |  | 5,156,338 |  | 402,279 | 5,461,958 |  | 5,172,292 |  | 289,666 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average deposits | 10,186,558 |  | 9,585,364 |  | 601,194 | 10,264,709 |  | 9,523,982 |  | 740,727 |  |
| Average invested capital | 546,064 |  | 534,579 |  | 11,485 | 544,440 |  | 533,747 |  | 10,693 |  |
| Return on average assets | 1.29 | \% | 1.04 | \% | 25 | bp 1.22 | \% | 1.01 | \% | 21 | bp |
| Return on invested capital | 26.84 | \% | 20.87 | \% | 597 | bp 25.79 | \% | 19.97 | \% | 582 | bp |
| Efficiency ratio | 64.74 | \% | 63.91 | \% | 83 | bp 62.68 | \% | 62.23 | \% | 45 | bp |
| Net charge-offs (annualized) to average loans | 0.30 | \% | 0.14 | \% | 16 | bp 0.19 | \% | 0.32 | \% | (13 | ) bp |

Net income generated in the Oklahoma market in the second quarter of 2012 increased $\$ 8.6$ million or $31 \%$ over the second quarter of 2011. Gains on financial instruments and other assets, net include a $\$ 14.2$ million gain from the sale of common stock received in settlement of a defaulted loan. Increased fees and commission revenue was partially offset by increased operating expenses, excluding changes in the fair value of mortgage servicing rights. Net loans charged off increased $\$ 2.4$ million to $0.30 \%$ of average loans on an annualized basis.

Net interest revenue decreased $\$ 1.2$ million or $2 \%$ compared to the second quarter of 2011. Lower funding costs were offset by decreased yield on residential mortgage-backed securities held as an economic hedge of mortgage servicing rights. The average balance of these securities decreased $\$ 208$ million compared to the second quarter of 2011.
Average loan balances were up $\$ 402$ million and loan yields were down. The favorable net interest impact of the $\$ 601$ million increase in average deposit balances was offset by lower yield on funds sold to the funds management unit.

Fees and commission revenue increased $\$ 6.6$ million compared to the second quarter of 2011. Mortgage banking revenue was up $\$ 7.1$ million over the second quarter of 2011 primarily due to increased mortgage loan origination and commitment volumes and increased gains on sales of residential mortgage loans in the secondary market. Brokerage and trading revenue was up $\$ 2.1$ million primarily due to increased retail brokerage fees. Securities trading revenue and investment banking revenue all increased over the prior year as well. Deposit service charges and fees increased $\$ 1.1$ million over the second quarter of 2011. Deposits accounts with a standard monthly fee and commercial account service charges were up over the prior year. Transaction card revenue was down $\$ 2.8$ million primarily due to changes in interchange fee regulations which were effective October 1, 2011.

Change in the fair value of the mortgage servicing rights, net of economic hedge, decreased net income by $\$ 1.2$ million for the second quarter of 2012 and decreased net income by $\$ 1.4$ million in the second quarter of 2011.

Excluding the change in the fair value of mortgage servicing rights, other operating expenses increased $\$ 4.6$ million or $5 \%$ over the prior year. Personnel expenses were up $\$ 1.1$ million or $3 \%$ over the prior year primarily due to annual merit increases. Incentive compensation was down compared to the prior year, offset by increased employee benefit costs. Non-personnel expenses were up $\$ 6.6$ million or $18 \%$ due primarily to increased mortgage banking costs, professional fees and services and business promotion expenses. Corporate expense allocations were down $\$ 2.4$ million compared to the prior year. Net losses and operating expenses of repossessed assets were down $\$ 756$ thousand or $32 \%$ compared to the second quarter of 2011.

Net loans charged off increased to $\$ 4.2$ million or $0.30 \%$ of average loans on an annualized basis for second quarter of 2012 compared with $\$ 1.8$ million or $0.14 \%$ of average loans on an annualized basis for the second quarter of 2011. Charge-offs of residential mortgage and commercial real estate loans increased over the prior quarter.

Average deposits in the Oklahoma market for the second quarter of 2012 increased $\$ 601$ million over the second quarter of 2011. Commercial Banking deposit balances increased $\$ 282$ million or $6 \%$ over the prior year. Deposits related to commercial and industrial customers and energy customers increased over the prior year, partially offset by decreased average balances related to treasury services customers. Wealth Management deposits increased \$207 million over the prior year in the private banking division, broker/dealer division and in trust. Consumer deposits also increased $\$ 112$ million over the second quarter of 2011.

- 21 -

Texas Market
Our Texas offices are located primarily in the Dallas, Fort Worth and Houston metropolitan areas. Texas is our second largest market with $32 \%$ of our average loans, $24 \%$ of our average deposits and $12 \%$ of our consolidated net income in the second quarter of 2012.

Table 12 - Texas
(Dollars in thousands)
 loans

Net income in the Texas market increased $\$ 1.5$ million or $15 \%$ over the second quarter of 2011 primarily due to increased mortgage banking revenue partially offset by increased personnel expenses. Increased net interest revenue was offset by an increase in net loans charged off.

Net interest revenue increased $\$ 2.4$ million or $7 \%$ over the second quarter of 2011. Average outstanding loans grew by $\$ 364$ million or $11 \%$ over the second quarter of 2011 and average deposits increased by $\$ 271$ million or $6 \%$. Decreased deposit costs were mostly offset by lower yield on funds sold to the funds management unit.

Fees and commissions revenue increased $\$ 5.6$ million or $34 \%$ over the second quarter of 2011 primarily due to increased mortgage banking revenue. Brokerage and trading revenue was up $\$ 1.4$ million over the prior quarter primarily due to a $\$ 2.0$ million increase in investment banking revenue as a result of expansion of our municipal financial advisory services in the

- 22 -

Texas market. This increase was partially offset by decreased securities trading revenue and retail brokerage fees. In addition, deposit service charge and trust fees and commissions all increased over the prior year. Transaction card revenue was down compared to the prior year primarily due to debit card interchange fee regulations which became effective in the third quarter of 2011.

Operating expenses increased $\$ 3.7$ million or $11 \%$ over the second quarter of 2011 . Personnel costs were up $\$ 2.5$ million or $15 \%$ primarily due to incentive compensation expense and increased head count related to higher residential mortgage loan origination activity. Corporate expense allocations were up $\$ 772$ thousand on increased customer transaction activity and non-personnel expenses increased $\$ 486$ thousand. Net losses and operating expense of repossessed assets improved by $\$ 136$ thousand compared to second quarter of 2011.

Net loans charged off totaled $\$ 2.8$ million or $0.30 \%$ of average loans for the second quarter of 2012 on an annualized basis, compared to $\$ 716$ thousand or $0.08 \%$ of average loans for the second quarter of 2011 on an annualized basis.

- 23 -


## New Mexico

Net income attributable to our New Mexico market totaled $\$ 5.1$ million or $5 \%$ of consolidated net income, a $\$ 2.3$ million or $80 \%$ increase over the second quarter of 2011. Net interest income was flat compared to the second quarter of 2011. Average loan and deposit balances were essentially flat compared to the prior year. The New Mexico market had a net recovery of $\$ 545$ thousand in the second quarter of 2012 compared to a net charge-off of $\$ 589$ thousand or $0.33 \%$ of average loans on an annualized basis in the second quarter of 2011.

Fees and commission revenue increased $\$ 2.9$ million or $37 \%$ over the prior year primarily due to growth in mortgage banking revenue. Transaction card revenue was down due to debit card interchange fee regulations. Other operating expense increased $\$ 414$ thousand or $4 \%$. Net losses and operating expenses of repossessed assets were down $\$ 892$ thousand. Corporate allocation expense increased $\$ 846$ thousand. Personnel expenses were up $\$ 588$ thousand primarily due to increased incentive compensation and non-personnel expenses were down $\$ 128$ thousand.

Table 13 - New Mexico
(Dollars in thousands)

|  | Three Months Ended June 30, |  |  |  | Six Months Ended |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Increase (Decrease) |  | $\begin{aligned} & \text { June } 30 \text {, } \\ & 2012 \end{aligned}$ | 2011 | Increase (Decrease) |
| Net interest revenue | \$8,484 | \$8,334 | \$150 |  | \$16,968 | \$16,654 | \$314 |
| Net loans charged off (recovered) | (545 | 589 | (1,134 | ) | 340 | 1,000 | (660 |
| Net interest revenue after net loans charged off (recovered) | 9,029 | 7,745 | 1,284 |  | 16,628 | 15,654 | 974 |
| Other operating revenue fees and commission | 10,694 | 7,830 | 2,864 |  | 21,108 | 15,409 | 5,699 |
| Personnel expense | 4,791 | 4,203 | 588 |  | 9,676 | 8,402 | 1,274 |
| Net losses (gains) and expenses of repossessed assets | 57 | 949 | (892 | ) | (134 | 1,363 | (1,497 |
| Other non-personnel expense | 2,092 | 2,220 | (128 | ) | 4,070 | 4,457 | (387 |
| Corporate allocations | 4,375 | 3,529 | 846 |  | 8,302 | 7,406 | 896 |
| Total other operating expense | 11,315 | 10,901 | 414 |  | 21,914 | 21,628 | 286 |
| Income before taxes | 8,408 | 4,674 | 3,734 |  | 15,822 | 9,435 | 6,387 |
| Federal and state income tax | 3,271 | 1,818 | 1,453 |  | 6,155 | 3,670 | 2,485 |
| Net income | \$5,137 | \$2,856 | \$2,281 |  | \$9,667 | \$5,765 | \$3,902 |
| Average assets | \$ 1,370,603 | \$1,381,021 | \$(10,418 | ) | \$1,373,232 | \$1,378,897 | \$(5,665 |
| Average loans | 705,853 | 705,529 | 324 |  | 707,328 | 704,238 | 3,090 |
| Average deposits | 1,232,354 | 1,238,514 | (6,160 | ) | 1,229,809 | 1,247,096 | (17,287 |
| Average invested capital | 77,793 | 81,281 | (3,488 | ) | 78,664 | 81,535 | (2,871 |

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| Return on average assets | 1.51 | \% 0.83 | \% 68 | bp 1.42 | $\% 0.84$ | $\% 58$ | bp |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| Return on invested <br> capital | 26.56 | $\% 14.09$ | $\% 1,247$ | bp 24.71 | $\% 14.26$ | $\% 1,045$ | bp |
| Efficiency ratio | 59.00 | $\% 67.44$ | $\%(844$ | $)$ bp 57.55 | $\% 67.45$ | $\%(990$ | $)$ bp |
| Net charge-offs <br> (recoveries) to average <br> loans (annualized) | $(0.31$ | $) \% 0.33$ | $\%(64$ | $)$ bp 0.10 | $\% 0.29$ | $\%(19$ | $)$ bp |

## Arkansas Market

Net income attributable to our Arkansas market increased $\$ 5.4$ million over the prior year. Net interest revenue increased $\$ 2.6$ million due primarily to a $\$ 2.9$ million full recovery of a nonaccruing commercial loan. Loans in the Arkansas market continued to decrease primarily due to the run-off of indirect automobile loans. Average deposits in our Arkansas market were up $\$ 19$ million or $10 \%$ over the second quarter of 2011. Interest-bearing transaction deposits increased $\$ 34$ million and demand deposits increased $\$ 8.1$ million, partially offset by a $\$ 24$ million decrease in higher costing time deposits. The net recovery of $\$ 2.2$ million in the second quarter of 2012 was due primarily to the full recovery of an amount charged off in the second quarter of 2011.

Fees and commissions revenue was up $\$ 4.0$ million over the prior year primarily due to increased securities trading revenue at our Little Rock office and higher mortgage banking revenue. Other operating expenses were up $\$ 2.0$ million primarily due to increased incentive compensation costs related to trading activity. Net losses and operating expenses on repossessed assets were $\$ 407$ thousand less than in the prior year. Corporate expense allocations increased $\$ 329$ thousand and non-personnel expenses were flat compared to the prior year.

Table 14 - Arkansas
(Dollars in thousands)


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| Average deposits | 201,116 |  | 182,166 |  | 18,950 | 211,185 |  | 205,069 |  | 6,116 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average invested capital | 19,387 |  | 23,081 |  | (3,694 | 20,128 |  | 23,068 |  | (2,940 | ) |
| Return on average assets | 8.95 | \% | 0.03 | \% | 892 | bp 5.89 | \% | 0.58 | \% | 531 | bp |
| Return on invested capital | 113.13 | \% | 0.33 | \% | 11,280 | bp 76.14 | \% | 7.43 | \% | 6,871 | bp |
| Efficiency ratio | 60.34 | \% | 79.10 | \% | (1,876 | ) bp 65.72 | \% | 81.68 | \% | (1,596 | bp |
| Net charge-offs (recoveries) to average loans (annualized) | (3.89 | )\% | 3.19 | \% | (708 | ) bp (1.75 | )\% | 1.80 | \% | (355 | ) bp |

- 25 -


## Colorado Market

Net income attributed to our Colorado market increased $\$ 2.1$ million over the second quarter of 2011 to $\$ 3.5$ million. Net loans charged off decreased $\$ 1.2$ million compared to the second quarter of 2011 to $\$ 471$ thousand or $0.21 \%$ on an annualized basis. Net loans charged off in the second quarter of 2011 totaled $\$ 1.7$ million or $0.89 \%$ of loans on an annualized basis. Net interest revenue increased $\$ 845$ thousand due primarily to a $\$ 111$ million or $14 \%$ increase in average loans outstanding and lower deposit costs, partially offset by decreased yield on funds sold to the funds management unit. Average deposits attributable to the Colorado market were down $\$ 12$ million compared to the second quarter of 2011. Demand deposits grew by $\$ 89$ million during the second quarter due primarily to increased commercial account balances, offset by a $\$ 59$ million decrease in time deposits and a $\$ 45$ million decrease in interest-bearing transaction deposit account balances.

Fees and commissions revenue was up $\$ 3.1$ million over the second quarter of 2011 primarily related to growth in mortgage banking revenue. Operating expenses were up $\$ 1.8$ million over the prior year. Personnel expenses were up $\$ 966$ thousand and corporate expense allocations increased $\$ 731$ thousand. Net losses and operating expenses of repossessed assets increased $\$ 118$ thousand. Non-personnel expenses were flat compared to the prior year.

Table 15 - Colorado
(Dollars in thousands)

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  | Increase |  | June 30, |  | Increase |
|  | 2012 | 2011 | (Decrease) |  | 2012 | 2011 | (Decrease) |
| Net interest revenue | \$9,170 | \$8,325 | \$845 |  | \$17,944 | \$16,399 | \$1,545 |
| Net loans charged off | 471 | 1,705 | (1,234 | ) | 2,354 | 1,655 | 699 |
| Net interest revenue after net loans | 8,699 | 6,620 | 2,079 |  | 15,590 | 14,744 | 846 | charged off


| Fees and commissions revenue | 8,845 | 5,740 |  | 3,105 | 16,569 | 11,674 | 4,895 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gain on financial instruments and other assets, net | - | - |  | - | - | 1 | (1 |
| Other operating revenue | 8,845 | 5,740 |  | 3,105 | 16,569 | 11,675 | 4,894 |
| Personnel expense | 6,262 | 5,296 |  | 966 | 12,038 | 10,348 | 1,690 |
| Net losses (gains) and expenses of repossessed assets | 90 | (28 | ) | 118 | 72 | 278 | (206 |
| Other non-personnel expense | 1,437 | 1,422 |  | 15 | 2,777 | 2,974 | (197 |
| Corporate allocations | 4,016 | 3,285 |  | 731 | 7,458 | 6,487 | 971 |
| Total other operating expense | 11,805 | 9,975 |  | 1,830 | 22,345 | 20,087 | 2,258 |
| Income before taxes | 5,739 | 2,385 |  | 3,354 | 9,814 | 6,332 | 3,482 |
| Federal and state income tax | 2,232 | 928 |  | 1,304 | 3,818 | 2,463 | 1,355 |

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| Net income | $\$ 3,507$ | $\$ 1,457$ | $\$ 2,050$ | $\$ 5,996$ | $\$ 3,869$ | $\$ 2,127$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Average assets |  |  |  |  |  |  |  |

- 26 -


## Arizona Market

The Arizona market had a net loss of $\$ 910$ thousand for the second quarter of 2012 compared to a net loss of $\$ 902$ thousand for the second quarter of 2011. Net loans charged off improved to $\$ 807$ thousand or $0.60 \%$ of average loans on an annualized basis compared to $\$ 1.5$ million or $1.03 \%$ of average loans on an annualized basis for the second quarter of 2011. Net losses and operating expenses on repossessed assets remain elevated totaling $\$ 2.4$ million in the second quarter of 2012 compared to $\$ 814$ thousand in the second quarter of 2011. Write-downs of repossessed assets increased compared to the prior year primarily due to regularly scheduled appraisal updates.

Net interest revenue decreased $\$ 119$ thousand or 3\% compared to the second quarter of 2011. Average loan balances were down $\$ 43$ million or $7 \%$. Average deposits were down $\$ 8.2$ million or $3 \%$. Higher costing time deposits balances were down $\$ 16$ million compared to the prior year. Demand deposit balances increased $\$ 9.5$ million primarily due to growth in commercial and wealth management demand deposits.

Fees and commissions revenue was up $\$ 808$ thousand primarily due to increased mortgage banking revenue. Personnel expenses decreased $\$ 122$ thousand, non-personnel expenses decreased $\$ 161$ thousand and corporate expense allocations were up $\$ 48$ thousand.

We continue to focus on growth in commercial and small business lending in the Arizona market and have significantly scaled back commercial real estate lending activities which were not contemplated in our initial expansion into this market. Loan and repossessed asset losses are largely due to commercial real estate lending. Growth is primarily related to commercial loans and deposits. Assets attributable to the Arizona market included $\$ 16$ million of goodwill that may be impaired in future periods if our commercial and small business lending growth plans are unsuccessful.

Table 16 - Arizona
(Dollars in thousands)

|  | Three Months Ended <br> June 30, |  |
| :--- | :--- | :--- |
|  | 2012 | 2011 |
| Net interest revenue | $\$ 4,022$ | $\$ 4,141$ |
| Net loans charged off | 807 | 1,495 |
| Net interest revenue <br> after net loans charged <br> off | 3,215 | 2,646 |
|  |  |  |


|  | Six Months Ended |  |  |
| :--- | :--- | :--- | :--- |
| Increase | June 30, | Increase |  |
| (Decrease) | 2012 | 2011 | (Decrease) |
| $\$(119$ | $\$ 8,356$ | $\$ 7,708$ | $\$ 648$ |
| $(688$ | 4,427 | 3,384 | 1,043 |
|  |  |  |  |
| 569 | 3,929 | 4,324 | $(395$ |


| Other operating revenue - fees and commissions | 2,508 |  | 1,700 |  | 808 |  | 4,353 |  | 3,520 |  | 833 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personnel expense | 2,640 |  | 2,762 |  | (122 | ) | 4,995 |  | 5,590 |  | (595 | ) |
| Net losses and expenses of repossessed assets | 2,438 |  | 814 |  | 1,624 |  | 3,667 |  | 4,382 |  | (715 | ) |
| Other non-personnel expense | 862 |  | 1,023 |  | (161 | ) | 1,623 |  | 2,001 |  | (378 | ) |
| Corporate allocations | 1,272 |  | 1,224 |  | 48 |  | 2,420 |  | 2,369 |  | 51 |  |
| Total other operating expense | 7,212 |  | 5,823 |  | 1,389 |  | 12,705 |  | 14,342 |  | (1,637 | ) |
| Loss before taxes | (1,489 | ) | (1,477 | ) | (12 | ) | (4,423 | ) | (6,498 | ) | 2,075 |  |
| Federal and state income tax | (579 | ) | (575 | ) | (4 | ) | (1,721 | ) | (2,528 | ) | 807 |  |
| Net loss | \$(910 | ) | \$(902 | ) | \$(8 | ) | \$(2,702 | ) | \$ 3,970 | ) | \$1,268 |  |
| Average assets | \$594,492 |  | \$648,926 |  | \$(54,434 | ) | \$602,001 |  | \$634,937 |  | \$(32,936 | ) |
| Average loans | 537,763 |  | 580,373 |  | (42,610 | ) | 546,214 |  | 566,916 |  | (20,702 | ) |
| Average deposits | 262,692 |  | 270,926 |  | (8,234 | ) | 255,002 |  | 254,833 |  | 169 |  |
| Average invested capital | 59,061 |  | 65,579 |  | (6,518 | ) | 58,979 |  | 64,885 |  | (5,906 | ) |
| Return on average assets | (0.62 | )\% | (0.56 | )\% | (6 |  | p 0.90 | )\% | (1.26 | )\% | 36 | bp |
| Return on invested capital | (6.20 | )\% | (5.52 |  | (68 |  | p 9.21 | )\% | (12.34 | )\% | 313 | bp |
| Efficiency ratio | 110.44 | \% | 99.69 | \% | 1,075 |  | p 99.97 | \% | 127.73 | \% | (2,776 | ) bp |
| Net charge-offs (annualized) to average |  | \% | 1.03 |  | (43 |  | p 1.63 | \% | 1.20 | \% | 43 | bp |

loans

- 28 -


## Kansas/Missouri Market

Net income attributed to the Kansas / Missouri market increased by $\$ 1.1$ million over the second quarter of 2011. Net interest revenue increased $\$ 491$ thousand or $18 \%$. Average loan balances increased $\$ 65$ million or $18 \%$ and average deposits balances were down $\$ 35$ million or $13 \%$. Demand deposit balances grew $\$ 67$ million due primarily to commercial account balances. Interest-bearing transaction account balances were down $\$ 82$ million and higher costing time deposit balances decreased by $\$ 19$ million.

Fees and commissions revenue increased $\$ 3.9$ million or $77 \%$ over the prior year primarily due to increased mortgage banking revenue and brokerage and trading revenue. Trust fees and commissions and deposit service charges and fees were also up over the prior year. Personnel costs were up $\$ 867$ thousand primarily due to increased incentive compensation related to brokerage and trading activity and increased headcount. Corporate expense allocations increased by $\$ 1.5$ million on higher customer transaction volume and non-personnel expense increased $\$ 241$ thousand.

Table 17 - Kansas / Missouri
(Dollars in thousands)


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| Average deposits | 239,658 |  | 274,202 | $(34,544$ | $)$ | 239,021 | 321,401 | $(82,380$ | $)$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Average invested capital | 32,729 |  | 25,507 |  | 7,222 |  | 32,157 | 25,397 | 6,760 |  |
| Return on average assets | 1.92 | $\%$ | 1.05 | $\%$ | 87 | bp 1.90 | $\%$ | 1.06 | $\%$ | 84 |
| Return on invested |  |  |  |  |  |  |  |  |  |  |

Financial Condition

- 29 -


## Securities

We maintain a securities portfolio to enhance profitability, support customer transactions, manage interest rate risk, provide liquidity and comply with regulatory requirements. Securities are classified as trading, held for investment, or available for sale. See Note 2 to the consolidated financial statements for the composition of the securities portfolio as of June 30, 2012, December 31, 2011 and June 30, 2011.

At June 30, 2012, the carrying value of investment (held-to-maturity) securities was $\$ 412$ million and the fair value was $\$ 441$ million. Investment securities consist primarily of long-term, fixed-rate Oklahoma municipal bonds, taxable Texas school construction bonds and residential mortgage backed securities issued by U.S. government agencies. The investment security portfolio is diversified among issuers. The largest obligation of any single issuer is $\$ 30$ million. Substantially all of these bonds are general obligations of the issuers. Approximately $\$ 89$ million of the Texas school construction bonds are also guaranteed by the Texas Permanent School Fund Guarantee Program supervised by the State Board of Education for the State of Texas.

Available for sale securities, which may be sold prior to maturity, are carried at fair value. Unrealized gains or losses, net of deferred taxes, are recorded as accumulated other comprehensive income in shareholders' equity. The amortized cost of available for sale securities totaled $\$ 10.2$ billion at June 30, 2012, an increase of $\$ 244$ million over March 31, 2012. At June 30, 2012, residential mortgage-backed securities represented $98 \%$ of total available for sale securities.

A primary risk of holding residential mortgage-backed securities comes from extension during periods of rising interest rates or prepayment during periods of falling interest rates. We evaluate this risk through extensive modeling of risk both before making an investment and throughout the life of the security. Current interest rates are historically low and prices for residential mortgage-backed securities are historically high resulting in low effective durations. Our best estimate of the duration of the residential mortgage-backed securities portfolio at June 30, 2012 is 2.1 years. Management estimates the duration extends to 3.5 years assuming an immediate 200 basis point upward shock. The estimated duration contracts to 1.4 years assuming a 50 basis point decline in the current low rate environment. Net unamortized premiums are less than $1 \%$ of the available for sale securities portfolio amortized cost.

Residential mortgage-backed securities also have credit risk from delinquency or default of the underlying loans. We mitigate this risk by primarily investing in securities issued by U.S. government agencies. Principal and interest payments on the underlying loans are fully guaranteed. At June 30, 2012, approximately $\$ 9.6$ billion of the amortized cost of the Company's residential mortgage-backed securities were issued by U.S. government agencies. The fair value of these residential mortgage-backed securities totaled $\$ 9.9$ billion at June 30, 2012.

We also hold amortized cost of $\$ 354$ million in residential mortgage-backed securities privately issued by publicly-owned financial institutions, a decrease of $\$ 17$ million from March 31, 2012. The decline was primarily due to $\$ 16$ million of cash received and $\$ 858$ thousand of other-than-temporary impairment losses charged against earnings during the second quarter of 2012. The fair value of our portfolio of privately issued residential mortgage-backed securities totaled $\$ 318$ million at June 30, 2012.

The amortized cost of our portfolio of privately issued residential mortgage-backed securities included $\$ 220$ million of Jumbo-A residential mortgage loans and $\$ 134$ million of Alt-A residential mortgage loans. Jumbo-A residential mortgage loans generally meet government underwriting standards, but have loan balances that exceed agency maximums. Alt-A mortgage loans generally do not have sufficient documentation to meet government agency underwriting standards. Credit risk on residential mortgage-backed securities originated by private issuers is mitigated by investment in senior tranches with additional collateral support. All of our Alt-A residential mortgage-backed securities were issued with credit support from additional layers of loss-absorbing subordinated tranches, including all Alt-A residential mortgage backed securities held that were originated in 2007 and 2006. The weighted average

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original credit enhancement of the Alt-A residential mortgage-backed securities was $10.2 \%$ and currently stands at $1.9 \%$. The Jumbo-A residential mortgage-backed securities had original credit enhancement of $9.4 \%$ and the current level is $6.6 \%$. Approximately $79 \%$ of our Alt-A mortgage-backed securities represent pools of fixed-rate residential mortgage loans. None of the adjustable rate mortgages are payment option adjustable rate mortgages ("ARMs"). Approximately $25 \%$ of our Jumbo-A residential mortgage-backed securities represent pools of fixed rate residential mortgage loans and none of the adjustable rate mortgages are payment option ARMs.

The aggregate gross amount of unrealized losses on available for sale securities totaled $\$ 41$ million at June 30, 2012. On a quarterly basis, we perform separate evaluations on debt and equity securities to determine if the unrealized losses are temporary as more fully described in Note 2 of the Consolidated Financial Statements. Other-than-temporary impairment
charges of $\$ 858$ thousand were recognized in earnings in the second quarter of 2012 related to certain privately issued residential mortgage-backed securities that we do not intend to sell.

Certain residential mortgage-backed securities issued by U.S. government agencies and included in fair value option securities on the Consolidated Balance Sheets, have been segregated and designated as economic hedges of changes in the fair value of our mortgage servicing rights. We have elected to carry these securities at fair value with changes in fair value recognized in current period income. These securities are held with the intent that gains or losses will offset changes in the fair value of mortgage servicing rights and related derivative contracts. Bank-Owned Life Insurance

We have approximately $\$ 269$ million of bank-owned life insurance at June 30, 2012. This investment is expected to provide a long-term source of earnings to support existing employee benefit programs. Approximately $\$ 238$ million is held in separate accounts. Our separate account holdings are invested in diversified portfolios of investment-grade fixed income securities and cash equivalents, including U.S. Treasury and Agency securities, residential mortgage-backed securities, corporate debt, asset-backed and commercial mortgage-backed securities. The portfolios are managed by unaffiliated professional managers within parameters established in the portfolio's investment guidelines. The cash surrender value of certain life insurance policies is further supported by a stable value wrap, which protects against changes in the fair value of the investments. At June 30, 2012, the cash surrender value represented by the underlying fair value of investments held in separate accounts was approximately $\$ 260$ million. As the underlying fair value of the investments held in a separate account at June 30, 2012 exceeded the net book value of the investments, no cash surrender value was supported by the stable value wrap. The stable value wrap is provided by a domestic financial institution. The remaining cash surrender value of $\$ 31$ million primarily represents the cash surrender value of policies held in general accounts and other amounts due from various insurance companies.

Loans
The aggregate loan portfolio before allowance for loan losses totaled $\$ 11.6$ billion at June 30, 2012, largely unchanged compared to March 31, 2012.
Table 18 - Loans
(In thousands)

|  | $\begin{aligned} & \text { June 30, } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { March 31, } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { December 31, } \\ & 2011 \end{aligned}$ | $\begin{aligned} & \text { September 30, } \\ & 2011 \end{aligned}$ | $\begin{aligned} & \text { June 30, } \\ & 2011 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial: |  |  |  |  |  |
| Energy | \$2,278,336 | \$2,166,406 | \$2,005,041 | \$1,749,203 | \$1,710,106 |
| Services | 1,931,520 | 1,912,537 | 1,761,538 | 1,872,947 | 1,725,289 |
| Wholesale/retail | 960,184 | 1,027,170 | 967,426 | 1,021,070 | 1,054,149 |
| Manufacturing | 362,877 | 352,297 | 336,733 | 373,074 | 367,414 |
| Healthcare | 1,009,128 | 1,000,854 | 978,160 | 914,346 | 855,744 |
| Integrated food services | 216,978 | 211,288 | 204,311 | 192,200 | 187,833 |
| Other commercial and industrial | 293,521 | 288,540 | 301,861 | 298,762 | 269,710 |
| Total commercial | 7,052,544 | 6,959,092 | 6,555,070 | 6,421,602 | 6,170,245 |
| Commercial real estate: |  |  |  |  |  |
| Construction and land development | 287,059 | 318,539 | 342,054 | 370,465 | 372,225 |
| Retail | 492,377 | 466,444 | 509,402 | 457,176 | 449,784 |
| Office | 384,392 | 369,179 | 405,923 | 422,284 | 485,731 |
| Multifamily | 362,165 | 435,946 | 369,028 | 388,304 | 334,541 |
| Industrial | 231,033 | 288,650 | 278,186 | 224,222 | 159,806 |
| Other real estate | 369,188 | 354,925 | 386,710 | 410,382 | 385,944 |
| Total commercial real estate | 2,126,214 | 2,233,683 | 2,291,303 | 2,272,833 | 2,188,031 |
| Residential mortgage: |  |  |  |  |  |
| Permanent mortgage | 1,141,371 | 1,134,934 | 1,153,644 | 1,180,310 | 1,155,291 |
| Permanent mortgages guaranteed by U.S. government agencies | 168,059 | 186,119 | 188,462 | 173,540 | 134,458 |
| Home equity | 695,667 | 647,319 | 632,421 | 596,051 | 582,205 |
| Total residential mortgage | 2,005,097 | 1,968,372 | 1,974,527 | 1,949,901 | 1,871,954 |
| Consumer: |  |  |  |  |  |
| Indirect automobile | 62,924 | 81,792 | 105,149 | 130,296 | 162,500 |
| Other consumer | 329,652 | 334,505 | 343,694 | 349,937 | 344,814 |
| Total consumer | 392,576 | 416,297 | 448,843 | 480,233 | 507,314 |
| Total | \$11,576,431 | \$11,577,444 | \$11,269,743 | \$11,124,569 | \$ 10,737,544 |

Outstanding commercial loan balances increased $\$ 93$ million over March 31, 2012 primarily due to growth in the Colorado and Texas markets, partially offset by a decrease in loan balances attributed to the Arkansas market. Commercial real estate loans decreased $\$ 107$ million during the second quarter of 2012 primarily due to improved market conditions for permanent financing. Residential mortgage loans were up $\$ 37$ million over March 31, 2012. Consumer loans decreased $\$ 24$ million from March 31, 2012 primarily related to the continued runoff of indirect automobile loans related to the previously announced decision to curtail that business.

A breakdown by geographical market follows on Table 19 with discussion of changes in the balance by portfolio and geography. This breakdown may not always represent the location of the borrower or the collateral. The previous periods have been reclassified to conform to the current period loan classification and market attribution.

- 32 -

Table 19 - Loans by Principal Market (In thousands)

|  | $\begin{aligned} & \text { June } 30 \text {, } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { March 31, } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { December 31, } \\ & 2011 \end{aligned}$ | $\begin{aligned} & \text { September } 30 \\ & 2011 \end{aligned}$ | $\begin{aligned} & \text { June } 30, \\ & 2011 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oklahoma: |  |  |  |  |  |
| Commercial | \$3,098,651 | \$3,107,726 | \$2,826,649 | \$2,865,740 | \$2,722,370 |
| Commercial real estate | 644,761 | 631,891 | 607,030 | 615,848 | 607,100 |
| Residential mortgage | 1,332,319 | 1,303,486 | 1,320,051 | 1,251,874 | 1,180,502 |
| Consumer | 205,436 | 215,693 | 235,909 | 250,048 | 267,993 |
| Total Oklahoma | 5,281,167 | 5,258,796 | 4,989,639 | 4,983,510 | 4,777,965 |
| Texas: |  |  |  |  |  |
| Commercial | 2,414,824 | 2,354,593 | 2,249,888 | 2,116,377 | 2,050,112 |
| Commercial real estate | 678,745 | 802,979 | 830,642 | 759,574 | 727,940 |
| Residential mortgage | 295,972 | 288,751 | 285,091 | 294,310 | 303,538 |
| Consumer | 115,602 | 124,692 | 126,570 | 133,454 | 138,713 |
| Total Texas | 3,505,143 | 3,571,015 | 3,492,191 | 3,303,715 | 3,220,303 |
| New Mexico: |  |  |  |  |  |
| Commercial | 262,144 | 273,284 | 258,668 | 279,319 | 283,760 |
| Commercial real estate | 285,871 | 282,834 | 303,500 | 302,980 | 307,190 |
| Residential mortgage | 144,944 | 144,180 | 132,772 | 139,922 | 131,943 |
| Consumer | 15,828 | 18,378 | 19,369 | 19,393 | 19,120 |
| Total New Mexico | 708,787 | 718,676 | 714,309 | 741,614 | 742,013 |
| Arkansas: |  |  |  |  |  |
| Commercial | 49,305 | 64,595 | 76,199 | 80,304 | 73,287 |
| Commercial real estate | 119,895 | 139,670 | 136,170 | 134,028 | 122,749 |
| Residential mortgage | 23,510 | 23,350 | 22,593 | 22,172 | 23,975 |
| Consumer | 24,270 | 28,783 | 35,911 | 44,445 | 52,572 |
| Total Arkansas | 216,980 | 256,398 | 270,873 | 280,949 | 272,583 |
| Colorado: |  |  |  |  |  |
| Commercial | 610,384 | 541,280 | 544,020 | 495,429 | 500,442 |
| Commercial real estate | 149,541 | 144,757 | 156,013 | 189,948 | 167,414 |
| Residential mortgage | 89,428 | 89,861 | 85,689 | 104,572 | 92,769 |
| Consumer | 20,612 | 19,790 | 21,598 | 22,183 | 19,619 |
| Total Colorado | 869,965 | 795,688 | 807,320 | 812,132 | 780,244 |
| Arizona: |  |  |  |  |  |
| Commercial | 278,119 | 269,099 | 271,914 | 269,381 | 275,469 |
| Commercial real estate | 181,513 | 180,830 | 198,160 | 227,085 | 207,300 |
| Residential mortgage | 76,616 | 81,281 | 94,363 | 100,132 | 103,657 |
| Consumer | 6,227 | 5,381 | 5,633 | 6,670 | 6,813 |
| Total Arizona | 542,475 | 536,591 | 570,070 | 603,268 | 593,239 |
| Kansas / Missouri: |  |  |  |  |  |
| Commercial | 339,117 | 348,515 | 327,732 | 315,052 | 264,805 |
| Commercial real estate | 65,888 | 50,722 | 59,788 | 43,370 | 48,338 |

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| Residential mortgage | 42,308 | 37,463 | 33,968 | 36,919 | 35,570 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Consumer | 4,601 | 3,580 | 3,853 | 4,040 | 2,484 |
| Total Kansas / Missouri | 451,914 | 440,280 | 425,341 | 399,381 | 351,197 |
|  |  |  |  |  |  |
| Total BOK Financial loans | $\$ 11,576,431$ | $\$ 11,577,444$ | $\$ 11,269,743$ | $\$ 11,124,569$ | $\$ 10,737,544$ |

- 33 -


## Commercial

Commercial loans represent loans for working capital, facilities acquisition or expansion, purchases of equipment and other needs of commercial customers primarily located within our geographical footprint. Commercial loans are underwritten individually and represent on-going relationships based on a thorough knowledge of the customer, the customer's industry and market. While commercial loans are generally secured by the customer's assets including real property, inventory, accounts receivable, operating equipment, interests in mineral rights and other property and may also include personal guarantees of the owners and related parties, the primary source of repayment of the loans is the on-going cash flow from operations of the customer's business. Inherent lending risks are centrally monitored on a continuous basis from underwriting throughout the life of the loan for compliance with commercial lending policies.

The commercial loan portfolio grew by $\$ 93$ million during the second quarter of 2012. Energy sector loans increased $\$ 112$ million over March 31, 2012, growing in the Colorado, Oklahoma and Texas markets. Service sector loans increased $\$ 19$ million. Service sector loans in the Texas market grew by $\$ 43$ million offset by a $\$ 46$ million decrease in service sector loans in the Oklahoma market. Service sector loans in both the Colorado and Arizona market grew in the second quarter. Wholesale/retail sector loans were down $\$ 67$ million primarily due to a decrease in loans attributed to the Texas and Oklahoma markets. Wholesale/retail sector loans in the Arkansas market were down $\$ 11$ million due to the payoff of a nonaccruing loan related to a single customer. Manufacturing sector loans increased $\$ 11$ million over March 31, 2012. Growth in the Texas and Oklahoma markets was partially offset by decreased loan balances in the Kansas/Missouri and Colorado markets. Healthcare sector loans were up $\$ 8.3$ million with the Colorado market growing by $\$ 16$ million, offset by decreased balances in the Oklahoma and Texas markets.

The commercial sector of our loan portfolio is distributed as follows in Table 20.
Table 20 - Commercial Loans by Principal Market
(In thousands)

|  | Oklahoma | Texas | New <br> Mexico | Arkansas | Colorado | Arizona | Kansas/ <br> Missouri | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Energy | \$1,060,774 | \$869,905 | \$4,421 | \$238 | \$342,949 | \$- | \$49 | \$2,278,336 |
| Services | 689,014 | 686,898 | 175,599 | 12,788 | 162,853 | 135,791 | 68,577 | 1,931,520 |
| Wholesale/retail | 406,032 | 360,582 | 46,062 | 30,370 | 16,074 | 69,638 | 31,426 | 960,184 |
| Healthcare | 612,726 | 259,081 | 13,010 | 4,584 | 74,560 | 44,158 | 1,009 | 1,009,128 |
| Manufacturing | 188,752 | 112,378 | 6,256 | 1,165 | 8,266 | 27,122 | 18,938 | 362,877 |
| Integrated food services | 9,773 | 7,333 | - | 2 | 2,752 | - | 197,118 | 216,978 |
| Other commercial and industrial | 131,580 | 118,647 | 16,796 | 158 | 2,930 | 1,410 | 22,000 | 293,521 |
| Total commercial loans | \$3,098,651 | \$2,414,824 | \$262,144 | \$49,305 | \$610,384 | \$278,119 | \$339,117 | \$7,052,544 |

Supporting the energy industry with loans to producers and other energy-related entities has been a hallmark of the Company since its founding and represents a large portion of our commercial loan portfolio. In addition, energy production and related industries have a significant impact on the economy in our primary markets. Loans collateralized by oil and gas properties are subject to a semi-annual engineering review by our internal staff of petroleum engineers. This review is utilized as the basis for developing the expected cash flows supporting the loan amount. The projected cash flows are discounted according to risk characteristics of the underlying oil and gas properties. Loans are evaluated to demonstrate with reasonable certainty that crude oil, natural gas and natural gas liquids can be recovered from known oil and gas reservoirs under existing economic and operating conditions at current pricing levels and with existing conventional equipment and operating methods and costs. As part of our
evaluation of credit quality, we analyze rigorous stress tests over a range of commodity prices and take proactive steps to mitigate risk when appropriate.

Energy loans totaled $\$ 2.3$ billion or 20\% of total loans at June 30, 2012. Outstanding energy loans increased $\$ 112$ million during the second quarter of 2012. Unfunded energy loan commitments increased by $\$ 220$ million to $\$ 2.1$ billion at June 30, 2012. Approximately $\$ 2.0$ billion of energy loans were to oil and gas producers, up $\$ 143$ million over March 31, 2012. Approximately $55 \%$ of the committed production loans are secured by properties primarily producing natural gas and $45 \%$ of the committed production loans are secured by properties primarily producing oil. Loans to borrowers engaged in wholesale or retail energy sales decreased $\$ 44$ million to $\$ 138$ million. Loans to borrowers that provide services to the energy

- 34 -
industry decreased $\$ 21$ million during the second quarter of 2012 to $\$ 66$ million and loans to borrowers that manufacture equipment primarily for the energy industry decreased $\$ 1.7$ million during the second quarter of 2012 to $\$ 34$ million.

The services sector of the loan portfolio totaled $\$ 1.9$ billion or $17 \%$ of total loans and consists of a large number of loans to a variety of businesses, including community foundations, communications, educational, gaming and transportation services. Service sector loans increased $\$ 19$ million over March 31, 2012. Approximately $\$ 1.0$ billion of the services category is made up of loans with individual balances of less than $\$ 10$ million. Service sector loans are generally secured by the assets of the borrower with repayment coming from the cash flows of ongoing operations of the customer's business. Loans in this sector may also be secured by personal guarantees of the owners or related parties.

We participate in shared national credits when appropriate to obtain or maintain business relationships with local customers. Shared national credits are defined by banking regulators as credits of more than $\$ 20$ million and with three or more non-affiliated banks as participants. At June 30, 2012, the outstanding principal balance of these loans totaled $\$ 2.2$ billion. Substantially all of these loans are to borrowers with local market relationships. We serve as the agent lender in approximately $31 \%$ of our shared national credits, based on dollars committed. We hold shared credits to the same standard of analysis and perform the same level of review as internally originated credits. Our lending policies generally avoid loans in which we do not have the opportunity to maintain or achieve other business relationships with the customer. In addition to management's quarterly assessment of credit risk, grading of shared national credits is provided annually by banking regulators.

## Commercial Real Estate

Commercial real estate represents loans for the construction of buildings or other improvements to real estate and property held by borrowers for investment purposes generally within our geographical footprint. We require collateral values in excess of the loan amounts, demonstrated cash flows in excess of expected debt service requirements, equity investment in the project and a portion of the project already sold, leased or permanent financing already secured. The expected cash flows from all significant new or renewed income producing property commitments are stress tested to reflect the risks in varying interest rates, vacancy rates and rental rates. As with commercial loans, inherent lending risks are centrally monitored on a continuous basis from underwriting throughout the life of the loan for compliance with applicable lending policies.

Commercial real estate loans totaled $\$ 2.1$ billion or $18 \%$ of the loan portfolio at June 30, 2012. The outstanding balance of commercial real estate loans decreased $\$ 107$ million over the first quarter of 2012 primarily due to improved market conditions for permanent financing such as commercial mortgage-backed securities or with insurance companies. The trend in decreasing commercial real estate loan balances has reduced the percentage of commercial real estate loans to our total loan portfolio below its historical range of $20 \%$ to $23 \%$ over the past five years. The commercial real estate sector of our loan portfolio is distributed as follows in Table 21.

Table 21 - Commercial Real Estate Loans by Principal Market (In thousands)

|  | Oklahoma | Texas | New Mexico | Arkansas | Colorado | Arizona | Kansas/ Missouri | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Construction and land development | \$95,024 | \$48,989 | \$55,387 | \$ 18,295 | \$44,779 | \$ 16,519 | \$8,066 | \$287,059 |
| Retail | 136,916 | 191,124 | 61,954 | 12,162 | 19,361 | 58,282 | 12,578 | 492,377 |
| Office | 93,794 | 169,169 | 66,440 | 12,233 | 13,397 | 29,299 | 60 | 384,392 |
| Multifamily | 147,143 | 86,181 | 22,128 | 45,135 | 24,510 | 21,667 | 15,401 | 362,165 |


| Industrial | 58,053 | 102,790 | 34,779 | 1,725 | 6,938 | 15,337 | 11,411 | 231,033 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Other real estate | 113,831 | 80,492 | 45,183 | 30,345 | 40,556 | 40,409 | 18,372 | 369,188 |
| Total commercial | $\$ 644,761$ | $\$ 678,745$ | $\$ 285,871$ | $\$ 119,895$ | $\$ 149,541$ | $\$ 181,513$ | $\$ 65,888$ | $\$ 2,126,214$ |

Construction and land development loans, which consist primarily of residential construction properties and developed building lots, decreased $\$ 31$ million from March 31, 2012 to $\$ 287$ million at June 30, 2012 primarily due to payments. Only $\$ 181$ thousand of construction and land development loans were charged-off in the second quarter of 2012 and $\$ 1.6$ million were transferred to other real estate owned. This sector of the loan portfolio is expected to continue to decrease as construction projects currently in process are completed.

- 35 -


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Loans secured by multifamily residential properties decreased $\$ 74$ million and loans secured by industrial properties decreased $\$ 58$ million from March 31, 2012, both primarily in the Texas market. Loans secured by offices increased $\$ 15$ million during the second quarter of 2012, primarily in the Texas market.
Residential Mortgage and Consumer
Residential mortgage loans provide funds for our customers to purchase or refinance their primary residence or to borrow against the equity in their home. Residential mortgage loans are secured by a first or second-mortgage on the customer's primary residence. Consumer loans include direct loans secured by and for the purchase of automobiles, recreational and marine equipment as well as other unsecured loans. Consumer loans also include indirect automobile loans made through primary dealers. Residential mortgage and consumer loans are made in accordance with underwriting policies we believe to be conservative and are fully documented. Credit scoring is assessed based on significant credit characteristics including credit history, residential and employment stability.

Residential mortgage loans totaled $\$ 2.0$ billion, up $\$ 37$ million over March 31, 2012. In general, we sell the majority of our conforming fixed-rate loan originations in the secondary market and retain the majority of our non-conforming and adjustable-rate mortgage loans. We have no concentration in sub-prime residential mortgage loans. Our mortgage loan portfolio does not include payment option adjustable rate mortgage loans or adjustable rate mortgage loans with initial rates that are below market.

The majority of our permanent mortgage loan portfolio is primarily composed of various non-conforming mortgage programs to support customer relationships including jumbo mortgage loans, non-builder construction loans and special loan programs for high net worth individuals or certain professionals. The aggregate outstanding balance of loans in these programs is $\$ 1.1$ billion. Jumbo loans may be fixed or variable rate and are fully amortizing. The size of jumbo loans exceed maximums set under government sponsored entity standards, but otherwise generally conform to those standards. These loans generally require a minimum FICO score of 720 and a maximum debt-to-income ratio ("DTI") of $38 \%$. Loan-to-value ratios ("LTV") are tiered from $60 \%$ to $100 \%$, depending on the market. Special mortgage programs include fixed and variable rate fully amortizing loans tailored to the needs of certain healthcare professionals. Variable rate loans are fully indexed at origination and may have fixed rates for three to ten years, then adjust annually thereafter.

Approximately $\$ 78$ million or $7 \%$ of the non-guaranteed portion of the permanent mortgage loans consist of first lien, fixed rate residential mortgage loans originated under various community development programs. The outstanding balance of these loans is down from $\$ 82$ million at March 31, 2012. These loans were underwritten to standards approved by various U.S. government agencies under these programs and include full documentation. However, these loans do have a higher risk of delinquency and losses in the event of default than traditional residential mortgage loans. The initial maximum LTV of loans in these programs was $103 \%$.

At June 30, 2012, $\$ 168$ million of permanent residential mortgage loans are guaranteed by U.S. government agencies. We have minimal credit exposure on loans guaranteed by the agencies. This amount includes $\$ 36$ million of residential mortgage loans previously sold into GNMA mortgage pools. The Company may repurchase these loans when certain defined delinquency criteria are met. Because of this repurchase right, the Company is deemed to have regained effective control over these loans and must include them on the Consolidated Balance Sheet. The remaining amount represents loans that the Company has repurchased from GNMA mortgage pools. Permanent residential mortgage loans guaranteed by U.S. government agencies decreased $\$ 18$ million compared to March 31, 2012.

Home equity loans totaled $\$ 696$ million at June 30, 2012, a $\$ 48$ million increase over March 31, 2012. Approximately $39 \%$ of the home equity portfolio is comprised of junior lien loans and $61 \%$ of the home equity portfolio is comprised of first lien loans. Junior lien loans are distributed $79 \%$ to amortizing term loans and $21 \%$ to revolving lines of credit. Home equity loans generally require a minimum FICO score of 700 and a maximum DTI of $40 \%$. The maximum loan
amount available for our home equity loan products is generally $\$ 400$ thousand.
Indirect automobile loans decreased $\$ 19$ million from March 31, 2012, primarily due to the previously-disclosed decision by the Company to exit the business in the first quarter of 2009. Approximately $\$ 63$ million of indirect automobile loans remain outstanding at June 30, 2012. Other consumer loans decreased $\$ 4.9$ million during the second quarter of 2012.

The composition of residential mortgage and consumer loans at June 30, 2012 is as follows in Table 22. All permanent residential mortgage loans originated and serviced by our mortgage banking unit are attributed to the Oklahoma market. Other permanent residential mortgage loans originated by the Bank are attributed to their respective principal market.

Table 22 - Residential Mortgage and Consumer Loans by Principal Market (In thousands)

|  | Oklahoma | Texas | New <br> Mexico | Arkansas | Colorado | Arizona | Kansas/ <br> Missouri | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Residential mortgage: <br> Permanent mortgage <br> Permanent | $\$ 743,509$ | $\$ 178,404$ | $\$ 40,974$ | $\$ 17,837$ | $\$ 63,552$ | $\$ 62,702$ | $\$ 34,393$ | $\$ 1,141,371$ |
| mortgages guaranteed <br> by U.S. government <br> agencies | 168,059 | - | - | - | - | - | - | 168,059 |
| Home equity | 420,751 | 117,568 | 103,970 | 5,673 | 25,876 | 13,914 | 7,915 | 695,667 |
| Total residential <br> mortgage | $\$ 1,332,319$ | $\$ 295,972$ | $\$ 144,944$ | $\$ 23,510$ | $\$ 89,428$ | $\$ 76,616$ | $\$ 42,308$ | $\$ 2,005,097$ |
|  |  |  |  |  |  |  |  |  |
| Consumer: |  |  |  |  |  |  |  |  |
| Indirect automobile | $\$ 32,920$ | $\$ 11,244$ | $\$-$ | $\$ 18,760$ | $\$-$ | $\$-$ | $\$-$ | $\$ 62,924$ |
| Other consumer | 172,516 | 104,358 | 15,828 | 5,510 | 20,612 | 6,227 | 4,601 | 329,652 |
| Total consumer | $\$ 205,436$ | $\$ 115,602$ | $\$ 15,828$ | $\$ 24,270$ | $\$ 20,612$ | $\$ 6,227$ | $\$ 4,601$ | $\$ 392,576$ |

We enter into certain off-balance sheet arrangements in the normal course of business. These arrangements included unfunded loan commitments which totaled $\$ 6.1$ billion and standby letters of credit which totaled $\$ 449$ million at June 30, 2012. Loan commitments may be unconditional obligations to provide financing or conditional obligations that depend on the borrower's financial condition, collateral value or other factors. Standby letters of credit are unconditional commitments to guarantee the performance of our customer to a third party. Since some of these commitments are expected to expire before being drawn upon, the total commitment amounts do not necessarily represent future cash requirements. Approximately $\$ 2.9$ million of the outstanding standby letters of credit were issued on behalf of customers whose loans are nonperforming at June 30, 2012.

As more fully described in Note 5 to the Consolidated Financial Statements, we have off-balance sheet commitments related to certain residential mortgage loans originated under community development loan programs that were sold to a U.S. government agency with full recourse. These mortgage loans were underwritten to standards approved by the agencies, including full documentation and originated under programs available only for owner-occupied properties. The Company no longer sells residential mortgage loans with recourse other than obligations under standard representations and warranties. We are obligated to repurchase these loans for the life of these loans in the event of foreclosure for the unpaid principal and interest at the time of foreclosure. At June 30, 2012, the principal balance of residential mortgage loans sold subject to recourse obligations totaled $\$ 241$ million, down from $\$ 248$ million at March 31, 2012. Substantially all of these loans are to borrowers in our primary markets including $\$ 170$ million to borrowers in Oklahoma, $\$ 24$ million to borrowers in Arkansas, $\$ 15$ million to borrowers in New Mexico, $\$ 14$ million to borrowers in the Kansas/Missouri area and $\$ 11$ million to borrowers in Texas.

Under certain conditions, we also have an off-balance sheet obligation to repurchase residential mortgage loans sold to government sponsored entities through our mortgage banking activities due to standard representations and warranties made under contractual agreements. At June 30, 2012, we have unresolved deficiency requests from the agencies on 303 loans with an aggregate outstanding balance of $\$ 40$ million. At March 31, 2012, we had unresolved deficiency requests from the agencies on 280 loans with an aggregate outstanding balance of $\$ 36$ million. For all of 2012, 2011 and 2010 combined, less than $10 \%$ of repurchase requests have currently resulted in actual repurchases or indemnification by the Company. We repurchased 15 loans from the agencies during the second quarter of 2012 for $\$ 1.4$ million and recognized minimal losses. We also provided indemnification to the agencies on 3 additional loans
with an unpaid balance of $\$ 58$ thousand during the second quarter of 2012. While the level of repurchase requests resulting in actual repurchases or indemnifications by the Company has remained low, the loss severity has trended higher. As such, we increased our accrual for credit losses related to potential loan repurchases under representations and warranties to $\$ 5.0$ million at June 30, 2012 from $\$ 2.1$ million at March 31, 2012.

- 37 -


## Customer Derivative Programs

We offer programs that permit our customers to hedge various risks, including fluctuations in energy, cattle and other agricultural product prices, interest rates and foreign exchange rates, or to take positions in derivative contracts. Each of these programs work essentially the same way. Derivative contracts are executed between the customers and the Company. Offsetting contracts are executed between the Company and selected counterparties to minimize the risk to us of changes in commodity prices, interest rates or foreign exchange rates. The counterparty contracts are identical to the customer contracts, except for a fixed pricing spread or a fee paid to us as compensation for administrative costs, credit risk and profit.

The customer derivative programs create credit risk for potential amounts due to the Company from our customers and from the counterparties. Customer credit risk is monitored through existing credit policies and procedures. The effects of changes in commodity prices, interest rates or foreign exchange rates are evaluated across a range of possible options to determine the maximum exposure we are willing to have individually to any customer. Customers may also be required to provide margin collateral to further limit our credit risk.

Counterparty credit risk is evaluated through existing policies and procedures. This evaluation considers the total relationship between BOK Financial and each of the counterparties. Individual limits are established by management, approved by Credit Administration and reviewed by the Asset / Liability Committee. Margin collateral is required if the exposure between the Company and any counterparty exceeds established limits. Based on declines in the counterparties' credit ratings, these limits may be reduced and additional margin collateral may be required.

A deterioration of the credit standing of one or more of the customers or counterparties to these contracts may result in BOK Financial recognizing a loss as the fair value of the affected contracts may no longer move in tandem with the offsetting contracts. This occurs if the credit standing of the customer or counterparty deteriorated such that either the fair value of underlying collateral no longer supported the contract or the customer or counterparty's ability to provide margin collateral was impaired. Credit losses on customer derivatives reduce brokerage and trading revenue in the Consolidated Statement of Earnings.

Derivative contracts are carried at fair value. At June 30, 2012, the net fair values of derivative contracts reported as assets under these programs totaled $\$ 359$ million, compared to $\$ 379$ million at March 31, 2012. Derivative contracts carried as assets included to-be-announced residential mortgage backed securities sold to our mortgage banking customers considered interest rate derivative contracts with fair values of $\$ 105$ million, interest rate swaps sold to loan customers with fair values of $\$ 77$ million, energy contracts with fair values of $\$ 76$ million and foreign exchange contracts with fair values of $\$ 137$ million. The aggregate net fair values of derivative contracts held under these programs reported as liabilities totaled $\$ 369$ million.

At June 30, 2012, total derivative assets were reduced by $\$ 51$ million of cash collateral received from counterparties and total derivative liabilities were reduced by $\$ 43$ million of cash collateral paid to counterparties related to instruments executed with the same counterparty under a master netting agreement.

A table showing the notional and fair value of derivative assets and liabilities on both a gross and net basis is presented in Note 3 to the Consolidated Financial Statements.

The fair value of derivative contracts reported as assets under these programs, net of cash margin held by the Company, by category of debtor at June 30, 2012 follows in Table 23.

Table 23 - Fair Value of Derivative Contracts (In thousands)
Customers ..... \$199,805
Banks and other financial institutions ..... 122,678
Exchanges ..... 30,806
Energy companies ..... 5,282
Fair value of customer hedge asset derivative contracts, net ..... \$358,571

The largest exposure to a single counterparty was to a loan customer for an interest rate swap which totaled $\$ 13$ million at June 30, 2012 used to convert their variable rate loan to a fixed rate.

Our aggregate gross exposure to all European banks totaled $\$ 4.5$ million at June 30, 2012. In addition, $\$ 8.5$ million is owed to

- 38 -
us by MF Global which filed for bankruptcy protection on October 31, 2011 after partial distributions from the bankruptcy trustee. The remaining amount due was written down in the fourth quarter of 2011 to $\$ 6.8$ million based on our evaluation of the amount we expect to recover.

Our customer derivative program also introduces liquidity and capital risk. We are required to provide cash margin to certain counterparties when the net negative fair value of the contracts exceeds established limits. Also, changes in commodity prices affect the amount of regulatory capital we are required to hold as support for the fair value of our derivative assets. These risks are modeled as part of the management of these programs. Based on current prices, a decrease in market prices equivalent to $\$ 19.65$ per barrel of oil would increase the fair value of derivative assets by $\$ 42$ million. An increase in prices equivalent to $\$ 153.99$ per barrel of oil would increase the fair value of derivative assets by $\$ 294$ million as current prices move away from the fixed prices embedded in our existing contracts. Liquidity requirements of this program are also affected by our credit rating. A decrease in credit rating from A1 to below investment grade would increase our obligation to post cash margin on existing contracts by approximately $\$ 38$ million. The fair value of our to-be-announced residential mortgage backed securities and interest rate swap derivative contracts is affected by changes in interest rates. Based on our assessment as of June 30, 2012, changes in interest rate would not materially impact regulatory capital or liquidity needed to support this portion of our customer derivative program.
Summary of Loan Loss Experience
We maintain an allowance for loan losses and an accrual for off-balance sheet credit risk. The combined allowance for loan losses and off-balance sheet credit losses totaled $\$ 241$ million or $2.09 \%$ of outstanding loans and $167.09 \%$ of nonaccruing loans at June 30, 2012. The allowance for loans losses was $\$ 232$ million and the accrual for off-balance sheet credit losses was $\$ 9.7$ million. At March 31, 2012, the combined allowance for credit losses was $\$ 254$ million or $2.20 \%$ of outstanding loans and $139 \%$ of nonaccruing loans at March 31, 2012. The allowance for loan losses was $\$ 244$ million and the accrual for off-balance sheet credit losses was $\$ 10$ million. The accruals for off-balance sheet credit losses for June 30, 2012, March 31, 2012 and December 31, 2011 included $\$ 7.1$ million which was refunded to the City of Tulsa subsequent to June 30, 2012, related to an Oklahoma Supreme Court ruling that reversed a loan settlement agreement between the Company and the City of Tulsa. The refund of this settlement will increase third quarter net charge-offs.

The provision for credit losses is the amount necessary to maintain the allowance for loan losses and an accrual for off-balance sheet credit risk at an amount determined by management to be appropriate based on its evaluation. The provision includes the combined charge to expense for both the allowance for loan losses and the accrual for off-balance sheet credit risk. All losses incurred from lending activities will ultimately be reflected in charge-offs against the allowance for loan losses following funds advanced against outstanding commitments and after exhaustion of collection efforts. An $\$ 8.0$ million negative provision for credit losses was recorded in the second quarter of 2012 based on a continued trend of declining charge-offs, reduced nonaccruing loans and improvements in other credit quality factors. No provision for credit losses was recorded in the first quarter of 2012 and the provision for credit losses totaled $\$ 2.7$ million in the second quarter of 2011.

Table 24 - Summary of Loan Loss Experience (In thousands)
Allowance for loan losses:

Beginning balance
Loans charged off:
Commercial
Commercial real estate
Residential mortgage
Consumer
Total
Recoveries of loans previously charged off:
Commercial
Commercial real estate
Residential mortgage
Consumer
Total
Net loans charged off
Provision for loan losses
Ending balance
Accrual for off-balance sheet credit losses:
Beginning balance
Provision for off-balance sheet credit losses
Ending balance
Total combined provision for credit losses
Allowance for loan losses to loans outstanding at period-end
Net charge-offs (annualized) to average loans
Total provision for credit losses (annualized) to average loans
Recoveries to gross charge-offs
Accrual for off-balance sheet credit losses to off-balance sheet credit

| \$ 10,048 |  | \$9,261 |  | \$15,746 |  | \$10,745 |  | \$13,625 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (301 | ) | 787 |  | (6,485 | ) | 5,001 |  | (2,880 | ) |
| \$9,747 |  | \$ 10,048 |  | \$9,261 |  | \$15,746 |  | \$ 10,745 |  |
| \$ 8,000 | ) | \$- |  | \$(15,000 | ) | \$- |  | \$2,700 |  |
| 2.00 | \% | 2.11 | \% | 2.25 | \% | 2.44 | \% | 2.67 | \% |
| 0.17 | \% | 0.30 | \% | 0.34 | \% | 0.37 | \% | 0.32 | \% |
| (0.28 | )\% | - | \% | (0.54 | )\% | - | \% | 0.10 | \% |
| 58.06 | \% | 37.95 | \% | 35.96 | \% | 27.59 | \% | 33.32 | \% |
| 0.15 | \% | 0.15 | \% | 0.14 | \% | 0.25 | \% | 0.18 | \% |
| 2.09 | \% | 2.20 | \% | 2.33 | \% | 2.58 | \% | 2.77 | \% | to loans outstanding at period-end Allowance for Loan Losses

The appropriateness of the allowance for loan losses is assessed by management based on an ongoing quarterly evaluation of the probable estimated losses inherent in the portfolio. The allowance consists of specific allowances attributed to certain impaired loans, general allowances based on expected loss rates by loan class and non-specific allowances based on general economic, risk concentration and related factors.

At June 30, 2012, risk-graded impaired loans totaled $\$ 126$ million, including $\$ 6.2$ million with specific allowances of $\$ 1.8$ million and $\$ 120$ million with no specific allowances because the loans balances represent the amounts we expect to recover. At March 31, 2012, risk-graded impaired loans totaled $\$ 160$ million, including $\$ 8.8$ million of impaired loans with specific allowances of $\$ 2.3$ million and $\$ 152$ million with no specific allowances.

General allowances for unimpaired loans are based on an estimated loss rate by loan class. Estimated loss rates for risk graded loans are either increased or decreased based on changes in risk grading for each loan class. Estimated loss rates for both risk

- 40 -
graded and non-risk graded loans may be further adjusted for inherent risk identified for the given loan class which have not yet been captured in the loss rate.

The aggregate amount of general allowances for all unimpaired loans totaled $\$ 189$ million at June 30, 2012 and $\$ 198$ million at March 31, 2012. The decrease in the aggregate amount of general allowance for unimpaired loans was primarily due to the declining trend of charge-offs.

Nonspecific allowances are maintained for risks beyond factors specific to a particular loan or loan class. These factors include trends in the economy in our primary lending areas, concentrations in loans with large balances and other relevant factors. Nonspecific allowances totaled $\$ 41$ million at June 30, 2012 and $\$ 44$ million at March 31, 2012. The nonspecific allowance at both June 30, 2012 and March 31, 2012 includes consideration of the bankruptcy filing by a major employer in the Tulsa, Dallas/Ft. Worth and Kansas City markets. Although, we have no direct exposure, the secondary effect on employees, retirees, vendors, suppliers and other business partners could be significant. The nonspecific allowance also considers the possible impact of the European debt crisis and similar economic factors on our loan portfolio.

An allocation of the allowance for loan losses by loan category is included in Note 4 to the Consolidated Financial Statements.

Our loan monitoring process also identified loans that possess more than the normal amount of risk due to deterioration in the financial condition of the borrower or the value of the collateral. Because the borrowers are still performing in accordance with the original terms of the loans agreements, and no loss of principal or interest is anticipated, these loans were not included in nonperforming assets. Known information does, however, cause management concern as to the borrowers' ability to comply with current repayment terms. The potential problem loans totaled $\$ 159$ million at June 30, 2012. The current composition of potential problem loans by primary industry included services - \$40 million, construction and land development - $\$ 27$ million, other commercial real estate - $\$ 14$ million, residential mortgage - $\$ 13$ million, wholesale / retail - $\$ 12$ million, commercial real estate secured by office buildings - $\$ 12$ million, and energy - $\$ 11$ million. Potential problem loans totaled $\$ 173$ million at March 31, 2012.

## Net Loans Charged Off

Loans are charged off against the allowance for loan losses when the loan balance or a portion of the loan balance is no longer covered by the paying capacity of the borrower based on an evaluation of available cash resources and collateralvalue. Commercial and commercial real estate loans are evaluated quarterly and charge-offs are taken in the quarter in which the loss is identified. Residential mortgage and consumer loans are generally charged off when payments are between 90 days and 180 days past due, depending on loan class.

Net loans charged off during the second quarter of 2012 totaled $\$ 4.8$ million compared to $\$ 8.5$ million in the previous quarter and $\$ 8.5$ million in the second quarter of 2011. The ratio of net loans charged off (annualized) to average outstanding loans was $0.17 \%$ for the second quarter of 2012 compared with $0.30 \%$ for the first quarter of 2012 and $0.32 \%$ for the second quarter of 2011 . Net loans charged off in the second quarter of 2012 decreased $\$ 3.6$ million compared to the previous quarter.

Net loans charged off (recovered) by category and principal market area during the second quarter of 2012 follow in Table 25.

Table 25 - Net Loans Charged Off (Recovered)
(In thousands)
Oklahoma Texas Colorado Arkansas New Arizona Kansas/ Total

|  |  |  |  | Mexico |  |  |  |  | Missouri |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial | \$20 | \$2,325 | \$- | \$ 2,094 | ) | \$(139 | ) | \$106 | \$(249 | ) | \$(31 | ) |
| Commercial real estate | 258 | - | 367 | - |  | (292 |  | 339 | - |  | 672 |  |
| Residential mortgage | 2,667 | 222 | 18 | (4 | ) | 75 |  | 333 | - |  | 3,311 |  |
| Consumer | 481 | 300 | 24 | (67 | ) | 126 |  | 19 | 6 |  | 889 |  |
| Total net loans charged off (recovered) | \$3,426 | \$2,847 | \$409 | \$ 2,165 | ) | \$(230 | ) | \$797 | \$(243 | ) | \$4,841 |  |

Net commercial loans charged off during the second quarter of 2012 decreased $\$ 1.0$ million compared to the prior quarter and were comprised primarily of a gross charge-off of $\$ 3.0$ million from a single healthcare sector loan in the Texas market offset by a $\$ 2.0$ million recovery from a single wholesale/retail sector customer in the Arkansas market and $\$ 1.1$ million recovery from the service sector of the loan portfolio, primarily in the Texas market.

Net charge-offs of commercial real estate loans decreased $\$ 4.7$ million from the first quarter of 2012 and were primarily comprised of net charge-offs of land and residential construction sector loans in the Arizona and Colorado markets.

Residential mortgage net charge-offs were up $\$ 1.9$ million over the previous quarter and consumer loan net charge-offs, which include indirect auto loan and deposit account overdraft losses, increased $\$ 180$ thousand over the previous quarter. All residential mortgage net charge-offs related to loans serviced by our mortgage company across our geographical footprint are attributed to the Oklahoma market.
Nonperforming Assets
Table 26 - Nonperforming Assets (In thousands)

|  | June 30, | March 31, | December 31, September 30, June 30, |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2012 | 2011 | 2011 | 2011 |
| Nonaccruing loans: |  |  |  |  |  |
| Commercial | $\$ 34,529$ | $\$ 61,750$ | $\$ 68,811$ | $\$ 83,736$ | $\$ 53,365$ |
| Commercial real estate | 80,214 | 86,475 | 99,193 | 110,048 | 110,363 |
| Residential mortgage | 22,727 | 27,462 | 29,767 | 31,731 | 31,693 |
| Consumer | 7,012 | 7,672 | 3,515 | 3,960 | 4,749 |
| Total nonaccruing loans | 144,482 | 183,359 | 201,286 | 229,475 | 200,170 |
| Renegotiated loans ${ }^{2}$ | 28,415 | 36,764 | 32,893 | 30,477 | 22,261 |
| Total nonperforming loans | 172,897 | 220,123 | 234,179 | 259,952 | 222,431 |
| Real estate and other repossessed assets | 105,708 | 115,790 | 122,753 | 127,943 | 129,026 |
| Total nonperforming assets | $\$ 278,605$ | $\$ 335,913$ | $\$ 356,932$ | $\$ 387,895$ | $\$ 351,457$ |
|  |  |  |  |  |  |
| Nonaccruing loans by principal market: |  |  |  | $\$ 73,794$ | $\$ 41,411$ |
| Oklahoma | $\$ 49,931$ | $\$ 64,097$ | $\$ 65,261$ | $\$ 73$ | 29,783 |
| Texas | 24,553 | 29,745 | 28,083 | 17,242 | 17,244 |
| New Mexico | 13,535 | 15,029 | 15,297 | 26,831 | 24,842 |
| Arkansas | 6,865 | 18,066 | 23,450 | 36,854 | 37,472 |
| Colorado | 28,239 | 28,990 | 33,522 | 44,929 | 43,307 |
| Arizona | 21,326 | 27,397 | 35,673 | 42 | 3,509 |
| Kansas / Missouri | 33 | 35 | - | $\$ 229,475$ | $\$ 200,170$ |

Nonaccruing loans by loan portfolio sector:
Commercial:

| Energy | $\$ 3,087$ | $\$ 336$ | $\$ 336$ | $\$ 3,900$ | $\$ 345$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Manufacturing | 12,230 | 23,402 | 23,051 | 27,691 | 4,366 |
| Wholesale / retail | 4,175 | 15,388 | 21,180 | 27,088 | 25,138 |
| Integrated food services | - | - | - | - | - |
| Services | 10,123 | 12,890 | 16,968 | 18,181 | 16,254 |
| Healthcare | 3,310 | 7,946 | 5,486 | 5,715 | 5,962 |
| Other | 1,604 | 1,788 | 1,790 | 1,161 | 1,300 |
| Total commercial | 34,529 | 61,750 | 68,811 | 83,736 | 53,365 |

- 42 -

Table 26 - Nonperforming Assets (In thousands)

|  | June 30, | March 31, | December 31, |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2012 | 2011 | 2011 | 2011 |
| Commercial real estate: |  |  |  |  |  |
| Land development and construction | 46,050 | 52,416 | 61,874 | 72,207 | 76,265 |
| Retail | 7,908 | 6,193 | 6,863 | 6,492 | 4,642 |
| Office | 10,589 | 10,733 | 11,457 | 11,967 | 11,473 |
| Multifamily | 3,219 | 3,414 | 3,513 | 4,036 | 4,717 |
| Industrial | - | - | - | - | $-15,346$ |
| Other commercial real estate | 12,448 | 13,719 | 15,486 | 110,048 | 110,363 |
| Total commercial real estate | 80,214 | 86,475 | 99,193 |  |  |
| Residential mortgage: |  |  |  | 27,486 | 27,991 |
| Permanent mortgage | 18,136 | 22,822 | 25,366 | 4,245 | 3,702 |
| Home equity | 4,591 | 4,640 | 4,401 | 31,731 | 31,693 |
| Total residential mortgage | 22,727 | 27,462 | 29,767 | 3,960 | 4,749 |
| Consumer | 7,012 | 7,672 | 3,515 | $\$ 229,475$ | $\$ 200,170$ |
| Total nonaccrual loans | $\$ 144,482$ | $\$ 183,359$ | $\$ 201,286$ |  |  |

Ratios:

| Allowance for loan losses to nonaccruing loans | 160.34 | \% | 133.19 | \% | 125.93 | \% | 118.29 | \% | 143.18 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nonaccruing loans to period-end loans | 1.25 | \% | 1.58 | \% | 1.79 | \% | 2.06 | \% | 1.86 |
| Accruing loans 90 days or more past due ${ }^{1}$ | \$691 |  | \$6,140 |  | \$2,496 |  | \$ 1,401 |  | \$2,341 |
| ${ }^{1}$ Excludes residential mortgages guaranteed by agencies of the U.S. |  |  |  |  |  |  |  |  |  |
| Government. <br> ${ }^{2}$ Includes residential mortgages guaranteed by agencies of the U.S. |  |  |  |  |  |  |  |  |  |
| Government. These loans have been modified to extend payment terms and/or reduce interest rates. | \$24,760 |  | \$32,770 |  | \$28,974 |  | \$26,670 |  | \$ 18,716 |

Nonperforming assets decreased $\$ 57$ million during the second quarter of 2012 to $\$ 279$ million or $2.38 \%$ of outstanding loans and repossessed assets at June 30, 2012. Nonaccruing loans totaled $\$ 144$ million, renegotiated residential mortgage loans totaled $\$ 28$ million (composed primarily of $\$ 25$ million of residential mortgage loans guaranteed by U.S. government agencies) and real estate and other repossessed assets totaled $\$ 106$ million. The Company generally retains nonperforming assets to maximize potential recovery which may cause future nonperforming assets to decrease more slowly.

Loans are classified as nonaccruing when it becomes probable that we will not collect the full contractual principal and interest. As more fully discussed in Note 4 to the Consolidated Financial Statements, we may modify nonaccruing commercial and commercial real estate loans in troubled debt restructuring. Modifications may include extension of payment terms and rate concessions. We do not forgive principal or accrued but unpaid interest. We may also renew matured nonaccruing loans. Nonaccuring loans, including those renewed or modified in troubled debt restructurings, are charged off when the loan balance is no longer covered by the paying capacity of the borrower based on a quarterly evaluation of available cash resources and collateral value. Nonaccruing loans generally remain on
nonaccrual status until full collection of principal and interest in accordance with the original terms, including principal previously charged off, is probable.

We generally do not voluntarily modify consumer loans to troubled borrowers.
Renegotiated loans consist primarily of accruing residential mortgage loans modified in troubled debt restructurings. See Note 4 to the Consolidated Financial Statement for additional discussion of troubled debt restructurings. Generally, we modify residential mortgage loans primarily by reducing interest rates and extending the number of payments in accordance with U.S. government agency guidelines. No unpaid principal or interest is forgiven. Interest continues to accrue based on the modified terms of the loan. If it becomes probable that we will not be able to collect all amounts due according to the modified loan terms, the loan is placed on nonaccrual status and included in nonaccrual loans. Modified loans guaranteed by U.S. government agencies under residential mortgage loan programs may be sold once they become eligible according to U.S. agency guidelines.

- 43 -

A rollforward of nonperforming assets for the second quarter of 2012 follows in Table 27.
Table 27 - Rollforward of Nonperforming Assets (In thousands)

Balance, March 31, 2012
Additions
Payments
Charge-offs
Net write-downs and losses
Foreclosure of nonperforming loans
Foreclosure of loans guaranteed by U.S. government agencies
Proceeds from sales
Conveyance to U.S. government agencies
Net transfers to nonaccruing loans
Return to accrual status
Other, net
Balance, June 30, 2012

Balance, December 31, 2011
Additions
Payments
Charge-offs
Net writedowns and losses
Foreclosure of nonperforming loans
Foreclosure of loans guaranteed by U.S. government agencies
Proceeds from sales
Conveyance to U.S. government agencies
Net transfers to nonaccruing loans
Return to accrual status
Other, net
Balance, June 30, 2012
We foreclose on loans guaranteed by U.S. government agencies in accordance with agency guidelines. Generally these loans are not eligible for modification programs or have failed to comply with modified loan terms. Principal is
guaranteed by agencies of the U.S. government, subject to limitations and credit risk is minimal. These properties will be conveyed to the agencies once applicable criteria have been met. During the second quarter of 2012, $\$ 21$ million of properties guaranteed by U.S. government agencies were foreclosed on and $\$ 20$ million of properties were conveyed to the applicable U.S. government agencies during the second quarter of 2012. For the six months ended June 30, 2012 , $\$ 39$ million of properties guaranteed by U.S. government agencies were foreclosed on and $\$ 34$ million of properties conveyed.

Nonaccruing loans totaled $\$ 144$ million or $1.25 \%$ of outstanding loans at June 30, 2012 and $\$ 183$ million or $1.58 \%$ of outstanding loans at March 31, 2012. Nonaccruing loans decreased $\$ 39$ million from March 31, 2012 due primarily to $\$ 38$ million of payments, $\$ 12$ million of charge-offs and $\$ 6.2$ million of foreclosures. Newly identified nonaccruing loans totaled \$18 million for the second quarter of 2012.

The distribution of nonaccruing loans among our various markets follows in Table 28.
Table 28 - Nonaccruing Loans by Principal Market
(Dollars In thousands)

|  | June 30, 2012 |  |  | March 31, 2012 |  |  | Change |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount |  |  | Amount |  |  | Amount |  | $\%$ of outst loans |  |
| Oklahoma | \$49,931 | 0.95 | \% | \$64,097 | 1.22 | \% | \$(14,166 | ) | (27 | bp |
| Texas | 24,553 | 0.70 | \% | 29,745 | 0.83 | \% | (5,192 | ) | (13 | ) |
| New Mexico | 13,535 | 1.91 | \% | 15,029 | 2.09 | \% | (1,494 |  | (18 | ) |
| Arkansas | 6,865 | 3.16 | \% | 18,066 | 7.05 | \% | (11,201 | ) | (389 | ) |
| Colorado | 28,239 | 3.25 | \% | 28,990 | 3.64 | \% | (751 |  |  | ) |
| Arizona | 21,326 | 3.93 | \% | 27,397 | 5.11 | \% | (6,071 |  | (118 | ) |
| Kansas / Missouri | 33 | 0.01 | \% | 35 | 0.01 | \% |  |  | - |  |
| Total | \$ 144,482 | 1.25 | \% | \$ 183,359 | 1.58 | \% | \$(38,877 |  | (33 | ) bp |

Nonaccruing loans in the Oklahoma market are primarily composed of $\$ 10$ million of manufacturing sector loans, $\$ 15$ million of residential mortgage loans and $\$ 15$ million of commercial real estate loans. All residential mortgage loans retained by the Company that were originated across our geographical footprint and serviced by our mortgage company are attributed to the Oklahoma market. Nonaccruing loans in the Arizona and Colorado markets consisted primarily of commercial real estate loans. Nonaccruing loans attributed to the Texas market included $\$ 9.0$ million of commercial real estate loans, $\$ 3.9$ million of residential mortgage loans and $\$ 4.0$ million of consumer loans. Commercial

Nonaccruing commercial loans totaled $\$ 35$ million or $0.49 \%$ of total commercial loans at June 30, 2012, down from $\$ 62$ million or $0.89 \%$ of total commercial loans at March 31, 2012. Nonaccruing commercial loans at June 30, 2012 were primarily composed of $\$ 12$ million or $3.37 \%$ of total manufacturing sector loans and $\$ 10$ million or $0.52 \%$ of total services sector loans. Nonaccruing manufacturing sectors loans were primarily composed of a single customer in the Oklahoma market totaling $\$ 9.5$ million at June 30, 2012, down from $\$ 21$ million at March 31, 2012 on payments received during the second quarter. Nonaccruing wholesale/retail sector loans were primarily composed of a single customer relationship in the Arkansas market totaling $\$ 11$ million at March 31, 2012. This loan was fully paid off during the second quarter including a recovery of $\$ 2.0$ million of amounts previously charged off and $\$ 2.9$ million of foregone interest and fees.

Nonaccruing commercial loans decreased $\$ 27$ million in the second quarter of 2012 primarily due to $\$ 29$ million in payments and $\$ 4$ million in charge-offs, partially offset by $\$ 8$ million of newly identified nonaccruing commercial loans during the quarter.

The distribution of nonaccruing commercial loans among our various markets was as follows in Table 29.

Table 29 - Nonaccruing Commercial Loans by Principal Market
(Dollars in thousands)

|  | June 30, 2012 |  | March 31, 2012 |  |  | Change |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% of outstanding loans |  | Amount | \% of outstanding loans |  | Amount |  | $\%$ of outsta loans |  |
| Oklahoma | \$17,320 | 0.56 | \% | \$26,456 | 0.85 | \% | \$(9,136 | ) | (29 | ) bp |
| Texas | 7,682 | 0.32 | \% | 11,751 | 0.50 | \% | (4,069 | ) | (18 | ) |
| New Mexico | 2,137 | 0.82 | \% | 2,854 | 1.04 | \% | (717 | ) | (22 | ) |
| Arkansas | 358 | 0.73 | \% | 11,369 | 17.60 | \% | (11,011 |  | (1,687 | ) |
| Colorado | 2,008 | 0.33 | \% | 3,037 | 0.56 | \% | (1,029 |  | (23 | ) |
| Arizona | 5,024 | 1.81 | \% | 6,283 | 2.33 | \% | (1,259 |  | (52 | ) |
| Kansas / Missouri | - | - | \% | - | - | \% | - |  | - |  |
| Total commercial | \$34,529 | 0.49 | \% | \$61,750 | 0.89 | \% | \$(27,221 |  |  | ) bp |

## Commercial Real Estate

Nonaccruing commercial real estate loans totaled $\$ 80$ million or $3.77 \%$ of outstanding commercial real estate loans at June 30, 2012 compared to $\$ 86$ million or $3.87 \%$ of outstanding commercial real estate loans at March 31, 2012. Nonaccruing commercial real estate loans continue to be largely concentrated in land development and residential construction loans. Nonaccruing commercial real estate loans were down $\$ 6.3$ million compared to the prior quarter. Newly identified nonaccruing commercial real estate loans totaled $\$ 5.0$ million, offset by $\$ 8.5$ million of cash payments received, $\$ 1.2$ million of charge-offs and $\$ 1.6$ million of foreclosures. The distribution of our nonaccruing commercial real estate loans among our geographic markets follows in Table 30.

Table 30 - Nonaccruing Commercial Real Estate Loans by Principal Market
(Dollars in thousands)


Nonaccruing commercial real estate loans are primarily concentrated in the Colorado, Oklahoma and Arizona markets. Nonaccruing commercial real estate loans attributed to the Colorado market consist primarily of nonaccruing residential construction and land development loans. Nonaccruing commercial real estate loans in the Oklahoma market consisted primarily of $\$ 5.3$ million of residential construction and land development loans, $\$ 3.2$ million of loans secured by multifamily residential properties, $\$ 2.5$ million of other commercial real estate loans and $\$ 2.4$ million of loans secured by retail facilities. Nonaccruing commercial real estate loans in the Arizona market primarily consist of $\$ 5.5$ million of other commercial real estate loans, $\$ 4.5$ million of residential construction and land development loans and $\$ 3.4$ million of loans secured by office buildings.

## Residential Mortgage and Consumer

Nonaccruing residential mortgage loans totaled $\$ 23$ million or $1.13 \%$ of outstanding residential mortgage loans at June 30, 2012 compared to $\$ 27$ million or $1.40 \%$ of outstanding residential mortgage loans at March 31, 2012. Newly identified nonaccrual residential mortgage loans totaled $\$ 2.9$ million, offset by $\$ 4.1$ million of loans charged off and $\$ 3.7$ million of foreclosures during the quarter. Nonaccruing residential mortgage loans primarily consist of permanent residential mortgage

- 46 -
loans which totaled $\$ 18$ million or $1.39 \%$ of outstanding permanent residential mortgage loans at June 30, 2012. Nonaccruing home equity loans totaled $\$ 4.6$ million or $0.66 \%$ of total home equity loans.

Payments of accruing residential mortgage loans and consumer loans may be delinquent. The composition of residential mortgage loans and consumer loans past due but still accruing is included in the following Table 31. Principally all non-guaranteed residential loans past due 90 days or more are nonaccruing. Residential mortgage loans 30 to 89 days past due increased $\$ 2.5$ million to $\$ 17$ million at June 30, 2012. Consumer loans past due 30 to 89 days decreased $\$ 1.2$ million from March 31, 2012.

Table 31 - Residential Mortgage and Consumer Loans Past Due (In thousands)

## Residential mortgage:

| Permanent mortgage ${ }^{1}$ | $\$ 495$ | $\$ 15,130$ | $\$ 54$ | $\$ 12,705$ |
| :--- | :--- | :--- | :--- | :--- |
| Home equity | 44 | 2,211 | - | 2,087 |
| Total residential mortgage | $\$ 539$ | $\$ 17,341$ | 54 | $\$ 14,792$ |
| Consumer: |  |  |  |  |
| Indirect automobile | $\$ 1$ | $\$ 1,771$ | $\$-$ | $\$ 2,231$ |
| Other consumer | 14 | 718 | 42 | 1,467 |
| Total consumer | $\$ 15$ | $\$ 2,489$ | $\$ 42$ | $\$ 3,698$ |

${ }^{1}$ Excludes past due residential mortgage loans guaranteed by agencies of the U.S. government.
Real Estate and Other Repossessed Assets
Real estate and other repossessed assets are assets acquired in partial or total forgiveness of loans. The assets are carried at the lower of cost as determined by fair value at date of foreclosure or current fair value, less estimated selling costs.

Real estate and other repossessed assets totaled $\$ 106$ million at June 30, 2012, a $\$ 10.1$ million decrease from March 31, 2012. The distribution of real estate and other repossessed assets attributed by geographical market is included in Table 32 following.

Table 32 - Real Estate and Other Repossessed Assets by Principal Market (In thousands)

|  | Oklahoma | Texas | Colorado | Arkansas | New <br> Mexico | Arizona | Kansas/ <br> Missouri | Other | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Developed commercial real estate properties | \$2,356 | \$8,066 | \$2,380 | \$1,506 | \$3,103 | \$14,633 | \$404 | \$- | \$32,448 |
| 1-4 family residential properties | 6,438 | 3,621 | 2,342 | 1,541 | 1,826 | 1,785 | 687 | 595 | 18,835 |
| 1-4 family residential properties guaranteed by | 4,919 | 1,685 | 229 | 326 | 12,208 | 283 | 1,068 | 687 | 21,405 |
| U.S. government agencies |  |  |  |  |  |  |  |  |  |
| Undeveloped land | 361 | 4,417 | 2,903 | 123 | 200 | 5,720 | 3,679 | - | 17,403 |
| Residential land development properties | 702 | 3,769 | 2,139 | 46 | 1,360 | 5,839 | 153 | - | 14,008 |
| Oil and gas properties | - | 709 | - | - | - | - | - | - | 709 |
| Construction equipment | - | - | - | - | - | - | 178 | - | 178 |
| Vehicles | 115 | 39 | - | 85 | - | - | - | - | 239 |
| Multifamily residential properties | - | - | - | 323 | - | 136 | - | - | 459 |
| Other | - | - | - | - | - | - | - | 24 | 24 |
| Total real estate and other repossessed assets | \$14,891 | \$22,306 | \$9,993 | \$3,950 | \$18,697 | \$28,396 | \$6,169 | \$1,306 | \$105,708 |

Undeveloped land is primarily zoned for commercial development. Developed commercial real estate properties are primarily completed with no additional construction necessary for sale.

[^1]
## Liquidity and Capital

## Subsidiary Bank

Deposits and borrowed funds are the primary sources of liquidity for the subsidiary bank. Based on the average balances for the second quarter of 2012, approximately $72 \%$ of our funding was provided by deposit accounts, $11 \%$ from borrowed funds, $1 \%$ from long-term subordinated debt and $11 \%$ from equity. Our funding sources, which primarily include deposits and borrowings from the Federal Home Loan Banks and other banks, provide adequate liquidity to meet our operating needs.

Deposit accounts represent our largest funding source. We compete for retail and commercial deposits by offering a broad range of products and services and focusing on customer convenience. Retail deposit growth is supported through our Perfect Banking sales and customer service program, free checking, online bill paying services, mobile banking services, an extensive network of branch locations and ATMs and a 24-hour Express Bank call center. Commercial deposit growth is supported by offering treasury management and lockbox services. We also acquire brokered deposits when the cost of funds is advantageous to other funding sources.

Average deposits for the second quarter of 2012 totaled $\$ 18.4$ billion and represented approximately $72 \%$ of total liabilities and capital compared with $\$ 18.7$ billion and $73 \%$ of total liabilities and capital for the first quarter of 2012. Average deposits decreased $\$ 206$ million compared to the first quarter of 2012. Average demand deposits increased $\$ 431$ million. Average interest-bearing transaction deposit accounts decreased $\$ 540$ million and average time deposits decreased $\$ 114$ million.

Average Commercial Banking deposit balances were down $\$ 143$ million compared to the first quarter of 2012. Growth in demand deposits was offset by decreased balances in interest-bearing transaction deposit accounts. Balances attributed to our treasury services customers were down $\$ 131$ million, balances related to our integrated food services customers were down $\$ 70$ million and balances related to our energy customers were down $\$ 26$ million. Small business customer balances grew by $\$ 30$ million, balances attributed to our commercial real estate customers were up $\$ 25$ million, and average deposits attributable to our commercial and industrial customers were up $\$ 18$ million. Commercial customers continue to retain large cash reserves primarily due to continued economic uncertainty and low yields available on other high quality investment alternatives. Average Consumer Banking deposit balances were down $\$ 38$ million compared to the first quarter of 2012. Time deposits balances were down $\$ 77$ million, partially offset by a $\$ 17$ million increase in saving accounts and a $\$ 16$ million increase in interest-bearing deposits accounts. Consumer demand deposit accounts were essentially flat compared to the first quarter of 2012. Wealth Management Deposits were down $\$ 19$ million compared to the first quarter of 2012 primarily due to a decrease in time deposits. Growth in demand deposits attributed to Wealth Management was largely offset by a decrease in interest-bearing deposit accounts.

The Dodd-Frank Wall Street Reform and Consumer Protection Act ("DFA") provided temporary unlimited deposit insurance coverage for noninterest-bearing transaction accounts at all FDIC-insured depository institutions effective December 31, 2010. This temporary program is set to expire on December 31, 2012 although an extension of this program is currently under consideration. Upon expiration, noninterest-bearing transaction accounts will be insured only up to $\$ 250,000$. Demand deposits represent $34 \%$ of total average deposits for the second quarter of 2012 . The impact of the expiration of this temporary program is uncertain, but could result in a decrease in average demand deposits held by customers.

Brokered deposits, which are included in time deposits, averaged $\$ 187$ million for the second quarter of 2012, flat compared to the first quarter of 2012.

The distribution of our period-end deposit account balances among principal markets follows in Table 33.

- 49 -

Table 33 - Period-end Deposits by Principal Market Area (In thousands)

|  | $\begin{aligned} & \text { June } 30, \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { March 31, } \\ & 2012 \end{aligned}$ | December 31, 2011 | $\begin{aligned} & \text { September 30, } \\ & 2011 \end{aligned}$ | $\begin{aligned} & \text { June } 30 \text {, } \\ & 2011 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oklahoma: |  |  |  |  |  |
| Demand | \$3,499, 834 | \$3,445,424 | \$3,223,201 | \$2,953,410 | \$2,486,671 |
| Interest-bearing: |  |  |  |  |  |
| Transaction | 5,412,002 | 5,889,625 | 6,050,986 | 6,038,770 | 5,916,784 |
| Savings | 150,353 | 148,556 | 126,763 | 122,829 | 120,278 |
| Time | 1,354,148 | 1,370,868 | 1,450,571 | 1,489,486 | 1,462,137 |
| Total interest-bearing | 6,916,503 | 7,409,049 | 7,628,320 | 7,651,085 | 7,499,199 |
| Total Oklahoma | 10,416,337 | 10,854,473 | 10,851,521 | 10,604,495 | 9,985,870 |
| Texas: |  |  |  |  |  |
| Demand | 1,966,465 | 1,876,133 | 1,808,491 | 1,710,315 | 1,528,772 |
| Interest-bearing: |  |  |  |  |  |
| Transaction | 1,813,209 | 1,734,655 | 1,940,819 | 1,820,116 | 1,741,176 |
| Savings | 51,114 | 50,331 | 45,872 | 42,272 | 42,185 |
| Time | 772,809 | 789,860 | 867,664 | 938,200 | 992,366 |
| Total interest-bearing | 2,637,132 | 2,574,846 | 2,854,355 | 2,800,588 | 2,775,727 |
| Total Texas | 4,603,597 | 4,450,979 | 4,662,846 | 4,510,903 | 4,304,499 |
| New Mexico: |  |  |  |  |  |
| Demand | 357,367 | 333,707 | 319,269 | 325,612 | 299,305 |
| Interest-bearing: |  |  |  |  |  |
| Transaction | 506,165 | 503,015 | 491,068 | 480,816 | 483,026 |
| Savings | 31,215 | 32,688 | 27,487 | 26,127 | 24,613 |
| Time | 383,350 | 392,234 | 410,722 | 431,436 | 449,618 |
| Total interest-bearing | 920,730 | 927,937 | 929,277 | 938,379 | 957,257 |
| Total New Mexico | 1,278,097 | 1,261,644 | 1,248,546 | 1,263,991 | 1,256,562 |
| Arkansas: |  |  |  |  |  |
| Demand | 16,921 | 22,843 | 18,513 | 21,809 | 17,452 |
| Interest-bearing: |  |  |  |  |  |
| Transaction | 172,829 | 151,708 | 131,181 | 181,486 | 138,954 |
| Savings | 2,220 | 2,358 | 1,727 | 1,735 | 1,673 |
| Time | 48,517 | 54,157 | 61,329 | 74,163 | 82,112 |
| Total interest-bearing | 223,566 | 208,223 | 194,237 | 257,384 | 222,739 |
| Total Arkansas | 240,487 | 231,066 | 212,750 | 279,193 | 240,191 |
| Colorado: |  |  |  |  |  |
| Demand | 301,646 | 311,057 | 272,565 | 217,394 | 196,915 |
| Interest-bearing: |  |  |  |  |  |
| Transaction | 465,276 | 476,718 | 511,993 | 520,743 | 509,738 |
| Savings | 24,202 | 23,409 | 22,771 | 22,599 | 21,406 |
| Time | 491,280 | 498,124 | 523,969 | 547,481 | 563,642 |
| Total interest-bearing | 980,758 | 998,251 | 1,058,733 | 1,090,823 | 1,094,786 |
| Total Colorado | 1,282,404 | 1,309,308 | 1,331,298 | 1,308,217 | 1,291,701 |

Table 33 - Period-end Deposits by Principal Market Area (In thousands)

|  | June 30, | March 31, | December 31, September 30, June 30, |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2012 | 2011 | 2011 | 2011 |
| Arizona: |  |  |  |  |  |
| Demand | 137,313 | 131,539 | 106,741 | 138,971 | 150,194 |
| Interest-bearing: | 113,310 | 95,010 | 104,961 | 101,933 | 107,961 |
| Transaction | 2,313 | 1,772 | 1,192 | 1,366 | 1,364 |
| Savings | 31,539 | 34,199 | 37,641 | 40,007 | 44,619 |
| Time | 147,162 | 130,981 | 143,794 | 143,306 | 153,944 |
| Total interest-bearing | 284,475 | 262,520 | 250,535 | 282,277 | 304,138 |
| Total Arizona |  |  |  |  |  |
|  |  |  |  |  | 46,773 |
| Kansas / Missouri: | 160,829 | 68,469 | 51,004 | 46,668 |  |
| Demand | 69,083 | 57,666 | 123,449 | 108,973 | 115,684 |
| Interest-bearing: | 581 | 505 | 545 | 503 | 358 |
| Transaction | 26,307 | 26,657 | 30,086 | 33,697 | 40,206 |
| Savings | 95,971 | 84,828 | 154,080 | 143,173 | 156,248 |
| Time | 256,800 | 153,297 | 205,084 | 189,946 | 202,916 |
| Total interest-bearing | $\$ 18,362,197$ | $\$ 18,523,287$ | $\$ 18,762,580$ | $\$ 18,439,022$ | $\$ 17,585,877$ |
| Total Kansas / Missouri |  |  |  |  |  |
| Total BOK Financial deposits |  |  |  |  |  |

In addition to deposits, subsidiary bank liquidity is provided primarily by federal funds purchased, securities repurchase agreements and Federal Home Loan Bank borrowings. Federal funds purchased consist primarily of unsecured, overnight funds acquired from other financial institutions. Funds are primarily purchased from bankers' banks and Federal Home Loan banks from across the country. The largest single source of federal funds purchased totaled $\$ 330$ million at June 30, 2012. Securities repurchase agreements generally mature within 90 days and are secured by certain available for sale securities. Federal Home Loan Bank borrowings are generally short term and are secured by a blanket pledge of eligible collateral (generally unencumbered U.S. Treasury and mortgage-backed securities, 1-4 family residential mortgage loans, multifamily and other qualifying commercial real estate loans). Amounts borrowed from the Federal Home Loan Bank of Topeka averaged $\$ 32$ million during the quarter.

At June 30, 2012, the estimated unused credit available to the subsidiary bank from collateralized sources was approximately $\$ 7.5$ billion.

A summary of other borrowing by the subsidiary bank follows in Table 34.

- 51 -

Table 34 - Other borrowings (In thousands)

Three Months Ended
June 30, 2012

| Average |  | Maximum |  |
| :---: | :---: | :---: | :---: |
|  |  | Outstanding |  |
| Balance | Rate | At Any | March 31, |
| During the | Ra | Month | 2012 |
| Quarter |  | End During the Quarter |  |

Three Months Ended
March 31, 2012

| Average | Maximum <br> Outstanding |
| :--- | :--- |
| Balance | Rate |
| At Any |  |
| During the |  |
| Quarter |  |
| Month |  |
| End During |  |
| the Quarter |  |

Parent Company and Other Non-Bank $\quad \$ \quad \$ 279 \quad$ - $\%$ \$- $\quad \$-\quad \$-\quad$ - $\%$ -
Subsidiaries -
Other debt

Subsidiary Bank:
Funds purchased
Repurchase agreements Federal Home Loan Bank advances Subordinated debentures
GNMA

| repurchase <br> liability | 37,397 | 37,513 | 5.98 | $\%$ | 37,864 | 37,504 | 48,012 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Other |  |  |  |  |  |  |  |


| Total Other |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Borrowings |$\quad 3,002,1323,279,928 \quad 0.65 \% \quad \$ 3,551,477 \quad \$ 2,991,743 \quad 0.96 \%$

In 2007, the Company issued $\$ 250$ million of subordinated debt due May 15 , 2017 to fund the Worth National Bank and First United Bank acquisitions and fund continued asset growth. Interest on this debt was based on a fixed rate of $5.75 \%$ through May 14, 2012 which then converted to a floating rate of three-month LIBOR plus $0.69 \%$. At June 30, 2012, $\$ 233$ million of this subordinated debt remains outstanding.

## Parent Company

The primary sources of liquidity for BOK Financial are cash on hand and dividends from the subsidiary bank. Dividends from the subsidiary bank are limited by various banking regulations to net profits, as defined, for the year plus retained profits for the two preceding years. Dividends are further restricted by minimum capital requirements. At June 30, 2012, based on the most restrictive limitations as well as management's internal capital policy, the subsidiary bank could declare up to $\$ 157$ million of dividends without regulatory approval. Future losses or increases in required regulatory capital at the subsidiary bank could affect its ability to pay dividends to the parent company.

The Company has a $\$ 100$ million senior unsecured 364 day revolving credit facility with Wells Fargo Bank, National Association, administrative agent and other commercial banks ("the Credit Facility").Interest on amounts outstanding under the Credit Facility is to be paid at a defined base rate minus $1.25 \%$ or LIBOR plus $1.25 \%$ based upon the Company's option. Interest on amounts borrowed for certain acquisitions converted to a term loan at the Company's option is to be paid at a defined base rate minus $1.25 \%$ or LIBOR plus $1.50 \%$. A commitment fee equal to $0.20 \%$ shall be paid quarterly on the unused portion of the credit commitment under the Credit Facility and there are no prepayment penalties. Any amounts outstanding at the end of the Credit Facility term shall be converted into a term loan which, except for amounts borrowed for certain acquisitions, shall be payable June 7, 2013. The Credit Agreement contains customary representations and warranties, as well as affirmative and negative covenants including limits on the Company's ability to borrow additional funds, make investments and sell assets. These covenants also require BOKF to maintain minimum capital levels. No amounts were outstanding under the Credit Facility at June 30, 2012 and the Company met all of the covenants.

Our equity capital at June 30, 2012 was $\$ 2.9$ billion, up $\$ 52$ million over March 31, 2012. Net income less cash dividends paid increased equity $\$ 72$ million during the second quarter of 2012. Capital is managed to maximize long-term value to the

- 52 -
shareholders. Factors considered in managing capital include projections of future earnings, asset growth and acquisition strategies, and regulatory and debt covenant requirements. Capital management may include subordinated debt issuance, share repurchase and stock and cash dividends.

On April 24, 2012, the Board of Directors authorized the Company to purchase up to two million shares of our common stock. The specific timing and amount of shares repurchased will vary based on market conditions, regulatory limitations and other factors. Repurchases may be made over time in open market or privately negotiated transactions. The repurchase program may be suspended or discontinued at any time without prior notice. As of June 30, 2012, the Company has repurchased 39,496 shares for $\$ 2.1$ million under this program. The Company repurchased 345,300 shares for $\$ 18.4$ million in the first quarter of 2012 under a previously approved program. No shares were repurchased in the second quarter of 2011.

BOK Financial and subsidiary bank are subject to various capital requirements administered by federal agencies. Failure to meet minimum capital requirements can result in certain mandatory and possibly additional discretionary actions by regulators that could have a material impact on operations. These capital requirements include quantitative measures of assets, liabilities and off-balance sheet items. The capital standards are also subject to qualitative judgments by the regulators.

For a banking institution to qualify as well capitalized, its Tier 1, Total and Leverage capital ratios must be at least $6 \%, 10 \%$ and $5 \%$, respectively. The Company's banking subsidiary exceeded the regulatory definitions of well capitalized. The capital ratios for BOK Financial on a consolidated basis are presented in Table 35.

Table 35 - Capital Ratios

|  | Well <br> Capitalized <br> Minimums | $\begin{aligned} & \text { June } 30, \\ & 2012 \end{aligned}$ |  | March 3 $2012$ |  | $\begin{aligned} & \text { Decem } \\ & 2011 \end{aligned}$ |  | $\begin{aligned} & \text { Septer } \\ & 2011 \end{aligned}$ |  | $\begin{aligned} & \text { June } \\ & 2011 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average total equity to average assets | - | 11.23 | \% | 11.11 | \% | 10.81 | \% | 11.12 | \% | 11.05 | \% |
| Tangible common equity ratio | - | 10.07 | \% | 9.75 | \% | 9.56 | \% | 9.65 | \% | 9.71 | \% |
| Tier 1 common equity ratio | - | 13.41 | \% | 12.83 | \% | 13.06 | \% | 12.93 | \% | 13.15 | \% |
| Risk-based capital: |  |  |  |  |  |  |  |  |  |  |  |
| Tier 1 capital | 6.00 | \% 13.62 | \% | 13.03 | \% | 13.27 | \% | 13.14 | \% | 13.30 | \% |
| Total capital | 10.00 | \% 16.19 | \% | 16.16 | \% | 16.49 | \% | 16.55 | \% | 16.80 | \% |
| Leverage | 5.00 | \% 9.64 | \% | 9.35 | \% | 9.15 | \% | 9.37 | \% | 9.29 | \% |

In June, banking regulators issued a Notice of Proposed Rulemaking that will incorporate Basel III capital changes for substantially all U.S. banking organizations. If adopted as proposed, these changes will establish a $7 \%$ threshold for the Tier 1 common equity ratio consisting of a minimum level plus capital conservation buffer. BOK Financial's Tier 1 common equity ratio based on the existing Basel I standards was $13.41 \%$ as of June 30, 2012. Our estimated Tier 1 common equity ratio under a fully phased in Basel III framework is approximately $12.75 \%$, nearly 575 basis points above the $7 \%$ regulatory threshold. This estimate is subject to interpretation of rules that are not yet final.
Additionally, the proposed definition of Tier 1 common equity includes unrealized gains and losses on available for sale securities which are subject to changes from market conditions and inherently volatile.

Capital resources of financial institutions are also regularly measured by the tangible common shareholders' equity ratio. Tangible common shareholders' equity is shareholders' equity as defined by generally accepted accounting principles in the United States of America ("GAAP") less intangible assets and equity which does not benefit common shareholders. Equity that does not benefit common shareholders includes preferred equity. Tier 1 common equity is tier 1 equity as defined by banking regulations, adjusted for other comprehensive income (loss) and equity which does not benefit common shareholders. These non-GAAP measures are valuable indicators of a financial institution's capital
strength since it eliminates intangible assets from shareholders' equity and retains the effect of unrealized losses on securities and other components of accumulated other comprehensive income in shareholders' equity.

In accordance with the Dodd-Frank Act, the Federal Reserve must publish regulations that require bank holding companies with $\$ 10$ billion to $\$ 50$ billion in assets to perform annual capital stress tests. We expect to be subject to such regulations when they are finalized and effective. The resulting capital stress test process may place constraints on capital distributions or increases in required regulatory capital under certain circumstances.

Table 36 following provides a reconciliation of the non-GAAP measures with financial measures defined by GAAP.

Table 36 - Non-GAAP Measures
(Dollars in thousands)


Off-Balance Sheet Arrangements
See Note 7 to the Consolidated Financial Statements for a discussion of the Company's significant off-balance sheet commitments.

## Market Risk

Market risk is a broad term for the risk of economic loss due to adverse changes in the fair value of a financial instrument. These changes may be the result of various factors, including interest rates, foreign exchange rates, commodity prices or equity prices. Financial instruments that are subject to market risk can be classified either as held for trading or held for purposes other than trading. Market risk excludes changes in fair value due to credit of the individual issuers of financial instruments.

BOK Financial is subject to market risk primarily through the effect of changes in interest rates on both its assets held for purposes other than trading and trading assets. The effects of other changes, such as foreign exchange rates, commodity prices or equity prices do not pose significant market risk to BOK Financial. BOK Financial has no material investments in assets that are affected by changes in foreign exchange rates or equity prices. Energy and agricultural product derivative contracts, which are affected by changes in commodity prices, are matched against offsetting contracts as previously discussed.

The Asset / Liability Committee is responsible for managing market risk in accordance with policy guidelines established by the Board of Directors. The Committee monitors projected variation in net interest revenue, net interest income and economic value of equity due to specified changes in interest rates. The internal policy limit for net interest revenue variation is a maximum decline of $5 \%$ to an up or down 200 basis point change over twelve months. These guidelines also set maximum levels for short-term borrowings, short-term assets, public funds and brokered deposits and establish minimum levels for unpledged assets, among other things. Compliance with these internal guidelines is reviewed monthly.

Interest Rate Risk - Other than Trading
As previously noted in the Net Interest Revenue section of this report, management has implemented strategies to manage the Company's balance sheet to have relatively limited exposure to changes in interest rates over a twelve month period. The effectiveness of these strategies in managing the overall interest rate risk is evaluated through the use of an asset/liability model. BOK Financial performs a sensitivity analysis to identify more dynamic interest rate risk exposures, including embedded option positions, on net interest revenue, net income and economic value of equity. A simulation model is used to estimate the effect of changes in interest rates over the next 12 months and longer time periods based on multiple interest rate scenarios. Two specified interest rate scenarios are used to evaluate interest rate risk against policy guidelines. The first assumes a sustained parallel 200 basis point increase and the second assumes a sustained parallel 50 basis point decrease in interest rates. Management historically evaluated interest rate sensitivity for a sustained 200 basis point decrease in interest

- 54 -
rates. However, the results of a 200 basis point decrease in interest rates in the current low-rate environment are not meaningful.

The Company's primary interest rate exposures included the Federal Funds rate, which affects short-term borrowings, and the prime lending rate and LIBOR, which are the basis for much of the variable-rate loan pricing. Additionally, residential mortgage rates directly affect the prepayment speeds for residential mortgage-backed securities and mortgage servicing rights. Derivative financial instruments and other financial instruments used for purposes other than trading are included in this simulation. The model incorporates assumptions regarding the effects of changes in interest rates and account balances on indeterminable maturity deposits based on a combination of historical analysis and expected behavior. The impact of planned growth and new business activities is factored into the simulation model. The effects of changes in interest rates on the value of mortgage servicing rights are excluded from Table 37 due to the extreme volatility over such a large rate range and our active risk management approach for that asset. The effects of interest rate changes on the value of mortgage servicing rights and financial instruments identified as economic hedges are presented in Note 5 to the Consolidated Financial Statements.

The simulations used to manage market risk are based on numerous assumptions regarding the effects of changes in interest rates on the timing and extent of re-pricing characteristics, future cash flows and customer behavior. These assumptions are inherently uncertain and, as a result, the model cannot precisely estimate net interest revenue, net income or economic value of equity or precisely predict the impact of higher or lower interest rates on net interest revenue, net income or economic value of equity. Actual results will differ from simulated results due to timing, magnitude and frequency of interest rate changes, market conditions and management strategies, among other factors.

Table 37 - Interest Rate Sensitivity
(Dollars in thousands)

|  | 200 bp Increase |  | 50 bp Decrease |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2011 | 2012 |  | 2011 |  |
| Anticipated impact over the next twelve months on net interest revenue | \$27,360 | \$3,552 | \$(16,658 | ) | \$(17,884 |  |
|  | 4.11 | \% 0.50 | \% (2.50 | )\% | (2.50 |  |

## Trading Activities

BOK Financial enters into trading activities both as an intermediary for customers and for its own account. As an intermediary, BOK Financial will take positions in securities, generally residential mortgage-backed securities, government agency securities and municipal bonds. These securities are purchased for resale to customers, which include individuals, corporations, foundations and financial institutions. On a limited basis, BOK Financial may also take trading positions in U.S. Treasury securities, residential mortgage-backed securities, municipal bonds and derivative contracts to enhance returns on its securities portfolios. Both of these activities involve interest rate risk.

A variety of methods are used to manage the interest rate risk of trading activities. These methods include daily marking of all positions to market value, independent verification of inventory pricing, and position limits for each trading activity. Hedges in either the futures or cash markets may be used to reduce the risk associated with some trading programs.

Management uses a Value at Risk ("VAR") methodology to measure the market risk inherent in its trading activities. VAR is calculated based upon historical simulations over the past five years using a variance / covariance matrix of interest rate changes. It represents an amount of market loss that is likely to be exceeded only one out of every 100 two-week periods. Trading positions are managed within guidelines approved by the Board of Directors. These
guidelines limit the VAR to $\$ 7.3$ million. At June 30, 2012, the VAR was $\$ 2.3$ million. The greatest value at risk during the second quarter of 2012 was $\$ 4.3$ million. At June 30, 2012, there were no trading positions for the purposes of enhancing returns on the Company's securities portfolio.
Controls and Procedures
As required by Rule 13a-15(b), BOK Financial's management, including the Chief Executive Officer and Chief Financial Officer, conducted an evaluation as of the end of the period covered by their report, of the effectiveness of the Company's disclosure controls and procedures as defined in Exchange Act Rule 13a-15(e). Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that the disclosure controls and procedures were effective as of the end of the

- 55 -
period covered by this report. As required by Rule 13a-15(d), BOK Financial's management, including the Chief Executive Officer and Chief Financial Officer, also conducted an evaluation of the Company's internal controls over financial reporting to determine whether any changes occurred during the quarter covered by this report that have materially affected, or are reasonably likely to materially affect, the Company's internal controls over financial reporting. Based on that evaluation, there has been no such change during the quarter covered by this report.


## Forward-Looking Statements

This report contains forward-looking statements that are based on management's beliefs, assumptions, current expectations, estimates, and projections about BOK Financial, the financial services industry and the economy in general. Words such as "anticipates," "believes," "estimates," "expects," "forecasts," "plans," "projects," variations of such wo and similar expressions are intended to identify such forward-looking statements. Management judgments relating to and discussion of the provision and allowance for loan losses involve judgments as to expected events and are inherently forward-looking statements. Assessments that BOK Financial's acquisitions and other growth endeavors will be profitable are necessary statements of belief as to the outcome of future events, based in part on information provided by others that BOK Financial has not independently verified. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict with regard to timing, extent, likelihood and degree of occurrence. Therefore, actual results and outcomes may materially differ from what is expressed, implied, or forecasted in such forward-looking statements. Internal and external factors that might cause such a difference include, but are not limited to: (1) the ability to fully realize expected cost savings from mergers within the expected time frames, (2) the ability of other companies on which BOK Financial relies to provide goods and services in a timely and accurate manner, (3) changes in interest rates and interest rate relationships, (4) demand for products and services, (5) the degree of competition by traditional and nontraditional competitors, (6) changes in banking regulations, tax laws, prices, levies, and assessments, (7) the impact of technological advances and (8) trends in customer behavior as well as their ability to repay loans. BOK Financial and its affiliates undertake no obligation to update, amend, or clarify forward-looking statements, whether as a result of new information, future events or otherwise.

Consolidated Statements of Earnings (Unaudited) (In thousands, except share and per share data)

Interest revenue
Loans
Residential mortgage loans held for sale
Trading securities
Taxable securities
Tax-exempt securities
Total investment securities
Taxable securities
Tax-exempt securities
Total available for sale securities
Fair value option securities
Funds sold and resell agreements
Total interest revenue
Interest expense
Deposits
Borrowed funds
Subordinated debentures
Total interest expense
Net interest revenue
Provision for credit losses
Net interest revenue after provision for credit losses
Other operating revenue
Brokerage and trading revenue
Transaction card revenue
Trust fees and commissions
Deposit service charges and fees
Mortgage banking revenue
Bank-owned life insurance
Other revenue
Total fees and commissions
Gain on sales of assets, net
Gain (loss) on derivatives, net
Gain on fair value option securities, net
Gain on available for sale securities, net
Total other-than-temporary impairment losses
Portion of loss reclassified from other comprehensive income
Net impairment losses recognized in earnings
Total other operating revenue
Other operating expense
Personnel
Business promotion
Professional fees and services
Net occupancy and equipment
Insurance
Data processing and communications

| Three Months Ended |  | Six Months Ended |  |
| :---: | :---: | :---: | :---: |
| June 30, |  | June 30, |  |
| 2012 | 2011 | 2012 | 2011 |
| \$131,175 | \$ 123,830 | \$258,158 | \$247,570 |
| 1,784 | 1,505 | 3,552 | 2,844 |
| 364 | 434 | 664 | 848 |
| 4,282 | 2,800 | 8,716 | 5,145 |
| 921 | 1,324 | 1,898 | 2,720 |
| 5,203 | 4,124 | 10,614 | 7,865 |
| 61,583 | 69,978 | 121,239 | 138,992 |
| 631 | 600 | 1,232 | 1,207 |
| 62,214 | 70,578 | 122,471 | 140,199 |
| 2,311 | 5,243 | 5,798 | 8,473 |
| 4 | 3 | 6 | 7 |
| 203,055 | 205,717 | 401,263 | 407,806 |
| 16,390 | 23,160 | 33,888 | 47,202 |
| 1,792 | 3,015 | 3,381 | 4,846 |
| 3,512 | 5,541 | 9,064 | 11,118 |
| 21,694 | 31,716 | 46,333 | 63,166 |
| 181,361 | 174,001 | 354,930 | 344,640 |
| (8,000 | ) 2,700 | (8,000 | ) 8,950 |
| 189,361 | 171,301 | 362,930 | 335,690 |
| 32,600 | 23,725 | 63,711 | 49,101 |
| 26,758 | 31,024 | 52,188 | 59,469 |
| 19,931 | 19,150 | 38,369 | 37,572 |
| 25,216 | 23,857 | 49,595 | 46,337 |
| 39,548 | 19,356 | 72,626 | 36,712 |
| 2,838 | 2,872 | 5,709 | 5,735 |
| 7,559 | 7,842 | 16,586 | 16,174 |
| 154,450 | 127,826 | 298,784 | 251,100 |
| 3,765 | 3,344 | 3,409 | 3,276 |
| 2,345 | 1,225 | (128 | ) $(1,188$ |
| 6,852 | 9,921 | 5,119 | 6,403 |
| 20,481 | 5,468 | 24,812 | 10,370 |
| (135 | ) (74 | ) $(640$ | ) $(74$ |
| (723 | ) $(4,750$ | ) $(3,940$ | ) $(9,349$ |
| (858 | ) $(4,824$ | ) $(4,580$ | ) $(9,423$ |
| 187,035 | 142,960 | 327,416 | 260,538 |
| 122,297 | 105,603 | 237,066 | 205,597 |
| 6,746 | 4,777 | 11,134 | 9,401 |
| 8,343 | 6,258 | 15,942 | 13,716 |
| 16,906 | 15,554 | 32,929 | 31,158 |
| 4,011 | 4,771 | 7,877 | 10,957 |
| 25,264 | 24,428 | 47,408 | 46,931 |


| Printing, postage and supplies | 3,903 | 3,586 | 7,214 | 6,668 |
| :--- | :--- | :--- | :--- | :--- |
| Net losses and expenses of repossessed assets | 5,912 | 5,859 | 8,157 | 11,874 |
| Amortization of intangible assets | 545 | 896 | 1,120 | 1,792 |
| Mortgage banking costs | 11,173 | 8,968 | 18,746 | 15,439 |
| Change in fair value of mortgage servicing rights | 11,450 | 13,493 | 4,323 | 10,364 |
| Other expense | 7,236 | 9,016 | 17,107 | 17,761 |
| Total other operating expense | 223,786 | 203,209 | 409,023 | 381,658 |
| Income before taxes | 152,610 | 111,052 | 281,323 | 214,570 |
| Federal and state income tax | 53,149 | 39,357 | 98,669 | 78,109 |
| Net income | 99,461 | 71,695 | 182,654 | 136,461 |
| Net income attributable to non-controlling interest | 1,833 | 2,688 | 1,411 | 2,680 |
| Net income attributable to BOK Financial Corp. | $\$ 97,628$ | $\$ 69,007$ | $\$ 181,243$ | $\$ 133,781$ |
| shareholders |  |  |  |  |
| Earnings per share: | $\$ 1.43$ | $\$ 1.01$ | $\$ 2.66$ | $\$ 1.96$ |
| Basic | $\$ 1.43$ | $\$ 1.00$ | $\$ 2.65$ | $\$ 1.95$ |
| Diluted |  |  |  |  |
| Average shares used in computation: | $67,472,665$ | $67,898,483$ | $67,573,280$ | $67,900,279$ |
| Basic | $67,744,828$ | $68,169,485$ | $67,847,659$ | $68,173,182$ |
| Diluted | $\$ 0.38$ | $\$ 0.275$ | $\$ 0.71$ | $\$ 0.525$ |

See accompanying notes to consolidated financial statements.

- 57 -

Consolidated Statements of Comprehensive Income (Unaudited)
(In thousands, except share and per share data)

|  | Three Months Ended |  | Six Months Ended |  |
| :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  | $\text { June } 30 \text {, }$ |  |
|  | 2012 | 2011 | 2012 | 2011 |
| Net income | \$99,461 | \$71,695 | \$ 182,654 | \$136,461 |
| Other comprehensive income before income taxes: |  |  |  |  |
| Net change in unrealized gain (loss) | (15,401 ) | 62,502 | 40,034 | 63,943 |
| Other-than-temporary impairment losses recognized in earnings | 858 | 4,824 | 4,580 | 9,423 |
| Reclassification adjustment for net (gains) losses realized and included in earnings | (20,202 ) | (5,395 | (24,481 | ) $(10,214$ |
| Amortization of unrealized gain on investment securities transferred from available for sale | (1,633 ) | - | (3,421 | - |
| Other comprehensive income (loss) before income taxes | (36,378) | 61,931 | 16,712 | 63,152 |
| Income tax expense | 14,150 | $(23,989)$ | (6,501 | (24,736 |
| Other comprehensive income (loss), net of income taxes | ( 22,228 ) | 37,942 | 10,211 | 38,416 |
| Comprehensive income | 77,233 | 109,637 | 192,865 | 174,877 |
| Comprehensive income (loss) attributable to non-controlling interests | 1,833 | 2,688 | 1,411 | 2,680 |
| Comprehensive income attributed to BOK Financial Corp. shareholders | 75,400 | 106,949 | 191,454 | 172,197 |

- 58 -

Consolidated Balance Sheets
(In thousands, except share data)

Assets
Cash and due from banks
Funds sold and resell agreements
Trading securities
Investment securities (fair value: June 30, 2012 - \$440,638; December
31, 2011 - \$462,657; June 30, 2011 - \$369,247)
Available for sale securities
Fair value option securities
Residential mortgage loans held for sale
Loans
Less allowance for loan losses
Loans, net of allowance
Premises and equipment, net
Receivables
Goodwill
Intangible assets, net
Mortgage servicing rights, net
Real estate and other repossessed assets
Bankers' acceptances
Derivative contracts
Cash surrender value of bank-owned life insurance
Receivable on unsettled securities trades
Other assets
Total assets

Noninterest-bearing demand deposits
Interest-bearing deposits:
Transaction
Savings
Time
Total deposits
Funds purchased
Repurchase agreements
Other borrowings
Subordinated debentures
Accrued interest, taxes and expense
Bankers' acceptances
Derivative contracts
Due on unsettled securities trades
Other liabilities
Total liabilities
Shareholders' equity:
Common stock (\$.00006 par value; 2,500,000,000 shares authorized; 4
shares issued and outstanding: June 30, 2012 - 72,006,628; December

| Jun 30, | Dec 31, | Jun 30, |
| :--- | :--- | :--- |
| 2012 | 2011 | 2011 |
| (Unaudited) | (Footnote 1) | (Unaudited) |
|  |  |  |
| $\$ 628,092$ | $\$ 976,191$ | $\$ 1,098,721$ |
| 11,171 | 10,174 | 12,040 |
| 149,317 | 76,800 | 99,846 |
| 412,479 | 439,236 | 349,583 |
| $10,395,415$ | $10,179,365$ | $9,567,008$ |
| 325,177 | 651,226 | 553,231 |
| 259,174 | 188,125 | 169,609 |
| $11,576,431$ | $11,269,743$ | $10,737,544$ |
| $(231,669$ | ) 253,481 | ) 286,611 |
| $11,344,762$ | $11,016,262$ | $10,450,933$ |
| 261,508 | 262,735 | 265,057 |
| 121,944 | 123,257 | 129,944 |
| 335,601 | 335,601 | 335,601 |
| 9,098 | 10,219 | 12,010 |
| 91,783 | 86,783 | 109,192 |
| 105,708 | 122,753 | 129,026 |
| 2,873 | 1,881 | 1,661 |
| 366,204 | 293,859 | 229,887 |
| 269,093 | 263,318 | 261,203 |
| 32,876 | 75,151 | 170,600 |
| 453,771 | 381,010 | 293,030 |
| $\$ 25,576,046$ | $\$ 25,493,946$ | $\$ 24,238,182$ |
|  |  |  |
| $\$ 6,440,375$ | $\$ 5,799,785$ | $\$ 4,725,977$ |
|  |  |  |
| $8,551,874$ | $9,354,456$ | $9,013,323$ |
| 261,998 | 226,357 | 211,877 |
| $3,107,950$ | $3,381,982$ | $3,634,700$ |
| $18,362,197$ | $18,762,580$ | $17,585,877$ |
| $1,453,750$ | $1,063,318$ | $1,706,893$ |
| $1,136,948$ | $1,233,064$ | $1,106,163$ |
| 58,056 | 74,485 | 149,03 |
| 353,378 | 398,881 | 398,788 |
| 140,434 | 149,508 | 104,493 |
| 2,873 | 1,881 | 1,661 |
| 370,053 | 236,522 | 173,917 |
| 603,800 | 653,371 | 166,607 |
| 171,836 | 133,684 | 151,906 |
| $22,653,325$ | $22,707,294$ | $21,546,008$ |
| 4 | 4 | 4 |
| 4 | 4 | 4 |
|  |  |  |


| 31, $2011-71,533,354 ;$ June 30, 2011-71,100,444) |  |  |  |
| :--- | :--- | :--- | :--- |
| Capital surplus | 836,065 | 818,817 | 794,292 |
| Retained earnings | $2,086,565$ | $1,953,332$ | $1,842,022$ |
| Treasury stock (shares at cost: June 30, 2012 - 3,862,469; December $31,(175,890$ | $)(150,664$ | $)(114,856$ |  |
| 2011-3,380,310; June 30, 2011 - 2,637,575) | 139,190 | 128,979 | 146,255 |
| Accumulated other comprehensive income | $2,885,934$ | $2,750,468$ | $2,667,717$ |
| Total shareholders' equity | 36,787 | 36,184 | 24,457 |
| Non-controlling interest | $2,922,721$ | $2,786,652$ | $2,692,174$ |
| Total equity | $\$ 25,576,046$ | $\$ 25,493,946$ | $\$ 24,238,182$ |

See accompanying notes to consolidated financial statements.

- 59 -

Consolidated Statements of Changes in Equity (Unaudited)
(In thousands)


Balance,
December 31, 70,816 \$4 \$107,839 \$782,805 \$1,743,880 2,608 \$(112,802) \$2,521,726 \$22,152 \$2,543,878 2010
Comprehensive
income:

| Net income | - | - - | - | 133,781 | - | - | 133,781 | 2,680 | 136,461 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other comprehensive income | - | - 38,416 | - | - | - | - | 38,416 | - | 38,416 |
| Exercise of stock options | 284 | - - | 6,345 | - | 30 | (2,054 | ) 4,291 | - | 4,291 |
| Tax benefit on exercise of stock options | - | - - | 339 | - | - | - | 339 | - | 339 |
| Stock-based compensation | - | - - | 4,803 | - | - | - | 4,803 | - | 4,803 |
| Cash dividends on common | - | - - | - | (35,639 | - | - | (35,639 | - | (35,639 |

stock
Capital calls
$\left.\begin{array}{llllllllllll}\text { and } & - & - & - & - & - & - & - & (375 & ) & (375 & \end{array}\right)$
distributions,
net
Balance, June 30, 2011
$71,100 \$ 4 \$ 146,255 \$ 794,292 \quad \$ 1,842,022 \quad 2,638 \$(114,856) \$ 2,667,717 \quad \$ 24,457 \quad \$ 2,692,174$

Balances
at December $\quad 71,533 \$ 4 \$ 128,979 \$ 818,817 \quad \$ 1,953,332 \quad 3,380 \$(150,664) \$ 2,750,468 \quad \$ 36,184 \quad \$ 2,786,652$
31, 2011
Comprehensive
income:

| Net income | - | - - | - | 181,243 | - | - | 181,243 | 1,411 | 182,654 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other comprehensive income | - | - 10,211 | - | - | - | - | 10,211 | - | 10,211 |
| Treasury stock purchases | - | - - | - | - | 384 | (20,558 | ) $(20,558$ | ) - | (20,558 |
| Exercise of stock options | 473 | - - | 13,122 | - | 98 | (4,668 | ) 8,454 | - | 8,454 |
|  | - | - - | (677 | - | - | - | (677 | ) - | (677 |

Tax benefit on exercise of stock options

| Stock-based <br> compensation | - | - | 4,803 | - | - | - | 4,803 | - | 4,803 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Cash dividends <br> on common <br> stock | - | - | - | - | $(48,010$ | $)$ | - | - | $(48,010$ | $)$ | - |
| Capital calls <br> and <br> distributions, | - | - |  | - | - | - | - | - | - | $(88,010$ | $)$ |
| net |  |  |  |  |  |  |  |  |  |  |  |

Balance, June 30, 2012

See accompanying notes to consolidated financial statements.

- 60 -

Consolidated Statements of Cash Flows (Unaudited) (in thousands)

Cash Flows From Operating Activities:
Net income
Adjustments to reconcile net income to net cash provided by operating activities:
Provision for credit losses
Change in fair value of mortgage servicing rights
Unrealized (gains) losses from derivatives
Tax benefit on exercise of stock options
Change in bank-owned life insurance
Stock-based compensation
Depreciation and amortization
Net amortization of securities discounts and premiums
Net realized gains on financial instruments and other assets
Mortgage loans originated for resale
Proceeds from sale of mortgage loans held for resale
Capitalized mortgage servicing rights
Change in trading and fair value option securities
Change in receivables
Change in other assets
Change in accrued interest, taxes and expense
Change in other liabilities
Net cash provided by operating activities
Cash Flows From Investing Activities:
Proceeds from maturities or redemptions of investment securities
Proceeds from maturities or redemptions of available for sale securities
Purchases of investment securities
Purchases of available for sale securities
Proceeds from sales of available for sale securities
Change in amount receivable on unsettled securities transactions
Loans originated net of principal collected
Proceeds from derivative asset contracts
Proceeds from disposition of assets
Purchases of assets
Net cash used in investing activities
Cash Flows From Financing Activities:
Net change in demand deposits, transaction deposits and savings accounts
Net change in time deposits
Net change in other borrowings
Repayment of subordinated debt
Net payments or proceeds on derivative liability contracts
Net change in derivative margin accounts
Change in amount due on unsettled security transactions
Issuance of common and treasury stock, net
Tax benefit on exercise of stock options
Repurchase of common stock
Dividends paid

Six Months Ended June 30, 20122011
\$182,654 \$136,461
(8,000 ) 8,950
4,323 10,364
(7,626 ) 5,834
677 (339 )
(5,709 ) (5,735 )
4,803 4,803
24,636 24,529
47,789 48,751
(60,122 ) (16,789 )
(1,588,200 ) (902,774 )
1,569,921 1,013,516
(17,647 ) (10,767 )
251,682 (169,581 )
(9,667 ) 18,996
2,838 17,073
(9,074 ) (29,614 )
7,888 (35,125 )
391,166 118,553
43,678 26,986
2,486,198 1,216,168
$(16,971)(37,085)$
(4,162,486 ) (2,967,565 )
1,451,551 1,447,073
42,275 (35,541 )
(327,349 ) (87,541 )
(119,495 ) 55,877
101,550 62,060
(40,991 ) (19,984 )
(542,040 ) (339,552 )
(126,351 ) 281,284
(274,032 ) 125,692
229,401 (214,296 )
(46,882 ) -
110,249 (58,891 )
21,749 (46,606 )
(49,571 ) 6,182
8,454 4,291
(677 ) 339
(20,558 ) -
(48,010 ) (35,639 )

Net cash provided by (used in) financing activities
(196,228 ) 62,356

Net decrease in cash and cash equivalents
Cash and cash equivalents at beginning of period
(347,102 ) (158,643 )
Cash and cash equivalents at end of period
986,365 1,269,404
\$639,263 \$1,110,761
Cash paid for interest
\$48,536 \$63,563
Cash paid for taxes
\$81,738 \$87,888
Net loans and bank premises transferred to repossessed real estate and other assets
\$55,821 \$33,894
Increase in U.S. government guaranteed loans eligible for repurchase
\$48,486 \$59,697
Increase in receivables from conveyance of other real estate owned guaranteed by U.S. government agencies
\$34,247 \$—

See accompanying notes to consolidated financial statements.

- 61 -

Notes to Consolidated Financial Statements (Unaudited)
(1) Significant Accounting Policies

Basis of Presentation
The accompanying unaudited condensed consolidated financial statements of BOK Financial Corporation ("BOK Financial" or "the Company") have been prepared in accordance with accounting principles for interim financial information generally accepted in the United States and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included.

The unaudited consolidated financial statements include accounts of BOK Financial and its subsidiaries, principally BOKF, NA ("the Bank"), BOSC, Inc., and Cavanal Hill Investment Management Inc. Operating divisions of the Bank include Bank of Albuquerque, Bank of Arizona, Bank of Arkansas, Bank of Oklahoma, Bank of Texas, Colorado State Bank and Trust, Bank of Kansas City and the TransFund electronic funds network.

Certain reclassifications have been made to conform to the current period presentation.
The financial information should be read in conjunction with BOK Financial's 2011 Form 10-K filed with the Securities and Exchange Commission, which contains audited financial statements. Amounts presented as of December 31, 2011 have been derived from the audited financial statements included in BOK Financial's 2011 Form $10-\mathrm{K}$ but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. Operating results for the three-month and six-month periods ended June 30, 2012 are not necessarily indicative of the results that may be expected for the year ending December 31, 2012.

Newly Adopted and Pending Accounting Policies
Financial Accounting Standards Board ("FASB")
FASB Accounting Standards Update No. 2011-03, Reconsideration of Effective Control for Repurchase Agreements ("ASU 2011-03")

On April 29, 2011, the FASB issued ASU 2011-03 that eliminates the collateral maintenance requirement under GAAP for entities to consider in determining whether a transfer of financial assets subject to a repurchase agreement is accounted for as a sale or as a secured borrowing. ASU 2011-03 was effective for the Company January 1, 2012 and did not have a material impact on the Company's consolidated financial statements.

FASB Accounting Standards Update No. 2011-04, Fair Value Measurement (Topic 820): Amendments to Achieve Common Fair Value Measurements and Disclosure Requirements in U.S. GAAP and IFRSs ("ASU 2011-04")

On May 12, 2011, the FASB issued ASU 2011-04 to provide clarified and converged guidance on fair value measurement and expand disclosures concerning fair value measurements. ASU 2011-04 is largely consistent with the existing fair value measurement principles contained in ASC 820, Fair Value Measurement. ASU 2011-04 was effective for the Company January 1, 2012.

FASB Accounting Standards Update No. 2011-05, Comprehensive Income (Topic 220): Presentation of Comprehensive Income ("ASU 2011-05")

On June 16, 2011 the FASB issued ASU 2011-05 which revises the manner in which entities present comprehensive income in their financial statements by removing the presentation option in ASC 220, Comprehensive Income, and requires entities to report components of comprehensive income in either a continuous statement of comprehensive income or two separate but consecutive statements. ASU 2011-05 was effective for the Company January 1, 2012.

FASB Accounting Standards Update No. 2011-11, Disclosures about Offsetting Assets and Liabilities ("ASU 2011-11")
On December 16, 2011, the FASB issued ASU 2011-11 which contains new disclosure requirements regarding the nature of an entity right of setoff and related arrangements associated with its financial instruments and derivative instruments. The new disclosures are anticipated to facilitate comparison between financial statements prepared under generally accepted accounting principles in the United States of America and financial statements prepared under International Financial Reporting Standards by providing information about gross and net exposures. The new disclosure requirements are effective for interim and annual reporting periods beginning on or after January 1, 2013.

FASB Accounting Standards Update No. 2011-12, Deferral of the Effective Date for Amendments to the Presentation of Reclassifications of Items Out of Accumulated Other Comprehensive Income in Accounting Standards No. 2011-05 ("ASU 2011-12")

On December 23, 2011, FASB issued ASU 2011-12, which defers the requirement in ASU 2011-05 for presentation of reclassification adjustments for each component of accumulated other comprehensive income ("AOCI") in both net income and other comprehensive income on the face of the financial statements. This deferral will enable FASB to address certain concerns raised with regards to presentation requirements for reclassification adjustments. The amendment is effective at the same time as ASU 2011-05 which was effective for the Company on January 1, 2012.
(2) Securities

Trading Securities
The fair value and net unrealized gain (loss) included in trading securities is as follows (in thousands):

|  | June 30, 2012 |  | December 31, 2011 |  | June 30, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Net |  | Net |  | Net |
|  | Fair Value | Unrealized Gain (Loss) | Fair Value | Unrealized <br> Gain (Loss) | Fair <br> Value | Unrealized Gain (Loss) |
| U.S. Government agency obligations | \$53,514 | \$23 | \$22,203 | \$63 | \$11,825 | \$(37 |
| U.S. agency residential mortgage-backed securities | 46,502 | 222 | 12,379 | 59 | 22,739 | 9 |
| Municipal and other tax-exempt securities | 44,632 | 9 | 39,345 | 652 | 62,285 | (249 |
| Other trading securities | 4,669 | (14 | 2,873 | 9 | 2,997 | (13 ) |
| Total | \$149,317 | \$240 | \$76,800 | \$783 | \$99,846 | \$(290 |

The amortized cost and fair values of investment securities are as follows (in thousands):

|  | June 30, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized | Carrying | Fair | Gross Un | $\mathrm{lized}^{2}$ |
|  | Cost | Value ${ }^{1}$ | Value | Gain | Loss |
| Municipal and other tax-exempt | \$126,168 | \$126,168 | \$130,308 | \$4,165 | \$(25 |
| U.S. agency residential mortgage-backed securities Other | 94,126 | 102,347 | 105,535 | 3,188 | - |
| Other debt securities | 183,964 | 183,964 | 204,795 | 20,831 | - |
| Total | \$404,258 | \$412,479 | \$440,638 | \$28,184 | \$ 25 |

Carrying value includes $\$ 7.5$ million of net unrealized gain which remains in Accumulated other comprehensive
${ }^{1}$ income ("AOCI") related to certain securities transferred from the Available for Sale securities portfolio to the Investment securities portfolio as discussed in greater detail following.
${ }^{2}$ Gross unrealized gains and losses are not recognized in AOCI in the Consolidated Balance Sheets.

- 63 -

|  | December 31, 2011 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized | Carrying | Fair | Gross Unrealized ${ }^{2}$ |  |
|  | Cost | Value | Value | Gain | Loss |
| Municipal and other tax-exempt | \$ 128,697 | \$128,697 | \$133,670 | \$4,975 | \$(2 |
| U.S. agency residential mortgage-backed securities Other | 110,062 | 121,704 | 120,536 | 602 | (1,770 |
| Other debt securities | 188,835 | 188,835 | 208,451 | 19,616 | - |
| Total | \$427,594 | \$439,236 | \$462,657 | \$25,193 | \$(1,772 |

Carrying value includes $\$ 12$ million of net unrealized gain which remains in Accumulated other comprehensive
${ }^{1}$ income ("AOCI") in the Consolidated Balance Sheets related to certain securities transferred from the Available for Sale securities portfolio to the Investment securities portfolio as discussed in greater detail following.
${ }^{2}$ Gross unrealized gains and losses are not recognized in AOCI in the Consolidated Balance Sheets.
During the three months ended September 30, 2011, the Company transferred certain U.S. government agency residential mortgage-backed securities from the available for sale portfolio to the investment securities (held-to-maturity) portfolio as the Company has the positive intent and ability to hold these securities to maturity. No gains or losses were recognized in the Consolidated Statement of Earnings at the time of the transfer. Transfers of debt securities into the investment securities portfolio (held-to-maturity) are made at fair value at the date of transfer. The unrealized holding gain or loss at the date of transfer is retained in accumulated other comprehensive income and in the carrying value of the investment securities portfolio. Such amounts are amortized over the estimated remaining life of the security as an adjustment to yield, offsetting the related amortization of the premium or accretion of the discount on the transferred securities. At the time of transfer, the fair value totaled $\$ 131$ million, amortized cost totaled $\$ 118$ million and the pretax unrealized gain totaled $\$ 13$ million.

$$
\text { June 30, } 2011
$$

|  | Amortized | Fair | Gross Unrealized ${ }^{1}$ |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Cost | Value | Gain | Loss |
| U.S. agency residential mortgage-backed securities - Other | $\$ 160,870$ | $\$ 165,449$ | $\$ 4,583$ | $\$(4$ |
| Other debt securities | 188,713 | 203,798 | 15,085 | - |
| Total | $\$ 349,583$ | $\$ 369,247$ | $\$ 19,668$ | $\$(4)$ |

[^2]The amortized cost and fair values of investment securities at June 30, 2012, by contractual maturity, are as shown in the following table (dollars in thousands):

|  | Less than <br> One Year | One to <br> Five Years | Six to <br> Ten Years | Over <br> Ten Years | Weighted <br> Average |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Maturity |  |  |  |  |  |

[^3]Available for Sale Securities
The amortized cost and fair value of available for sale securities are as follows (in thousands):
June 30, 2012

| Amortized | Fair | Gross Unrealized $^{1}$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| Cost | Value | Gain | Loss | OTTI $^{2}$ |
| $\$ 1,001$ | $\$ 1,003$ | $\$ 3$ | $\$-$ | $\$-$ |
| 86,808 | 88,458 | 2,430 | $(187$ | $(593$ |

U.S. Treasury
Municipal and other tax-exempt

Residential mortgage-backed securities:
U. S. agencies:

FNMA
FHLMC
GNMA
Other
Total U.S. agencies

| $5,270,918$ | $5,426,832$ | 156,699 | $(785$ | $)-$ |
| :--- | :--- | :--- | :--- | :--- |
| $3,527,123$ | $3,607,060$ | 81,679 | $(1,742$ | $)-$ |
| 645,103 | 674,006 | 28,973 | $(70$ | $)-$ |
| 188,831 | 195,634 | 6,803 | - | - |
| $9,631,975$ | $9,903,532$ | 274,154 | $(2,597$ | $)-$ |

Private issue:
Alt-A loans
Jumbo-A loans
Total private issue
Total residential mortgage-backed securities
Other debt securities
Perpetual preferred stock
Equity securities and mutual funds
Total
${ }^{1}$ Gross unrealized gain/ loss recognized in AOCI in the consolidated balance sheet.
${ }^{2}$ Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

## U.S. Treasury

Municipal and other tax-exempt
Residential mortgage-backed securities:
U. S. agencies:

FNMA
FHLMC
GNMA
Other
Total U.S. agencies
Private issue:
Alt-A loans
Jumbo-A loans
Total private issue
Total residential mortgage-backed securities
Other debt securities
Perpetual preferred stock
Equity securities and mutual funds
Total
December 31, 2011

| Amortized | Fair | Gross Unrealized $^{1}$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Cost | Value | Gain | Loss | OTTI $^{2}$ |
| $\$ 1,001$ | $\$ 1,006$ | $\$ 5$ | $\$-$ | $\$-$ |
| 66,435 | 68,837 | 2,543 | $(141$ | $)$ |

${ }^{1}$ Gross unrealized gain/loss recognized in AOCI in the consolidated balance sheet
${ }^{2}$ Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

- 66 -
U.S. Treasury

Municipal and other tax-exempt
Residential mortgage-backed securities:
U. S. agencies:

FNMA
FHLMC
GNMA
Other
Total U.S. agencies
Private issue:
Alt-A loans
Jumbo-A loans
Total private issue
Total residential mortgage-backed securities
Other debt securities
Perpetual preferred stock
Equity securities and mutual funds
Total

June 30, 2011

| Amortized | Fair | Gross Unrealized ${ }^{1}$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Cost | Value | Gain | Loss | OTTI $^{2}$ |
| $\$ 1,001$ | $\$ 1,003$ | $\$ 2$ | $\$-$ | $\$-$ |
| 68,502 | 70,210 | 2,375 | $(146$ | $(521$ |$)$


| $5,359,939$ | $5,524,849$ | 166,016 | $(1,106$ | $)-$ |
| :--- | :--- | :--- | :--- | :--- |
| $2,447,830$ | $2,544,684$ | 97,575 | $(721$ | $)-$ |
| 704,168 | 742,411 | 38,243 | - | - |
| 76,971 | 81,845 | 4,874 | - | - |
| $8,588,908$ | $8,893,789$ | 306,708 | $(1,827$ | $)-$ |

$\left.\begin{array}{llllll}195,932 & 166,757 & 46 & (104 & ) & (29,117 \\ 385,371 & 346,465 & 513 & (11,949 & ) & (27,470 \\ \hline\end{array}\right)$

1. Gross unrealized gain/loss recognized in AOCI in the consolidated balance sheet
2. Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

- 67 -

The amortized cost and fair values of available for sale securities at June 30, 2012, by contractual maturity, are as shown in the following table (dollars in thousands):

| Less than | One to | Six to | Over |  | Weighted |
| :--- | :--- | :--- | :--- | :--- | :--- |
| One Year | Five Years | Ten Years | Ten Years ${ }^{6}$ | Total | Average |
|  |  |  | Maturity ${ }^{5}$ |  |  |

U.S. Treasuries:

Amortized cost
Fair value
Nominal yield ${ }^{1}$
\$ 1,00
\$ 1,001
0.86

1,003
1,003
Municipal and other tax-exempt:
Amortized cost

| 587 | 25,541 | 15,146 | 45,534 | 86,808 | 15.20 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 589 | 26,729 | 16,049 | 45,091 | 88,458 |  |
| 0.09 | 0.71 | 1.23 | 2.78 | 1.88 |  |

Nominal yield ${ }^{1}$
0.09
$\begin{array}{llll}0.71 & 1.23 & 2.78 & 1.88\end{array}$
Other debt securities:
Amortized cost
Fair value
Nominal yield ${ }^{1}$
Total fixed maturity securities:
Amortized cost
\$1,588 \$55,880 \$15,146 \$50,934 \$123,548
12.63

Fair value
Nominal yield

| 1,592 | 57,627 | 16,049 | 50,479 | 125,747 |
| :--- | :--- | :--- | :--- | :--- |

$\begin{array}{lllll}0.38 & 1.30 & 1.23 & 2.67 & 1.85\end{array}$

| 30,339 | 5,400 | 35,739 | 6.96 |
| :--- | :--- | :--- | :--- |

30,898 $\quad 5,388 \quad 36,286$

Residential mortgage-backed securities:
Amortized cost
9,986,158 $\quad 2$
Fair value
10,221,293
Nominal yield ${ }^{4}$ 2.72

Equity securities and mutual funds:
Amortized cost 43,456
48,375
Fair value
Nominal yield
1.20

Total available-for-sale securities:
Amortized cost \$10,153,162
Fair value
10,395,415
Nominal yield 2.70
${ }^{1}$ Calculated on a taxable equivalent basis using a $39 \%$ effective tax rate.
${ }_{2}$ The average expected lives of mortgage-backed securities were 2.0 years based upon current prepayment assumptions.
${ }^{3}$ Primarily common stock and preferred stock of corporate issuers with no stated maturity. The nominal yield on mortgage-backed securities is based upon prepayment assumptions at the purchase 4 date. Actual yields earned may differ significantly based upon actual prepayments. See Quarterly Financial Summary - Unaudited following for current yields on available for sale securities portfolio.
${ }_{5}$ Expected maturities may differ from contractual maturities, because borrowers may have the right to call or prepay obligations with or without penalty.
${ }_{6}$ Nominal yield on municipal and other tax-exempt securities and other debt securities with contractual maturity dates over ten years are based on variable rates which generally are reset within 35 days.

Sales of available for sale securities resulted in gains and losses as follows (in thousands):
Three Months Ended Six Months Ended June 30, June 30,
$\left.\begin{array}{lllll} & 2012 & 2011 & 2012 & 2011 \\ \text { Proceeds } & \$ 459,610 & \$ 653,921 & \$ 1,451,551 & \$ 1,447,073 \\ \text { Gross realized gains } & 20,481 & 9,122 & 32,166 & 19,602 \\ \text { Gross realized losses } & - & (3,654 & ) & (7,354 \\ \text { Related federal and state income tax expense } & 7,967 & 2,127 & 9,652 & 4,032\end{array}\right)$

- 68 -

Securities with an amortized cost of $\$ 3.7$ billion at June 30, 2012, $\$ 4.4$ billion at December 31, 2011 and $\$ 3.6$ billion at June 30, 2011 have been pledged as collateral for repurchase agreements, public and trust funds on deposit and for other purposes, as required by law. The secured parties do not have the right to sell or re-pledge these securities.

Temporarily Impaired Securities as of June 30, 2012 (in thousands):


[^4]Temporarily Impaired Securities as of December 31, 2011
(In thousands)


1. Includes the following securities for which an unrealized loss remains in AOCI after an other-than-temporary credit loss has been recognized in income:

| Alt-A loans | 19 | $\$-$ | $\$-$ |  | $\$ 132,242$ | $\$ 36,219$ | $\$ 132,242$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Jumbo-A loans | 36 | 3,809 | 256 | 202,874 | 36,331 | 206,683 | \$36,589 |

Temporarily Impaired Securities as of June 30, 2011
(In thousands)


On a quarterly basis, the Company performs separate evaluations of impaired debt and equity investment and available for sale securities to determine if the unrealized losses are temporary.

For debt securities, management determines whether it intends to sell or if it is more-likely-than-not that it will be required to sell impaired securities. This determination considers current and forecasted liquidity requirements, regulatory and capital requirements and securities portfolio management. Based on this evaluation as of June 30, 2012, we do not intend to sell any impaired available for sale securities before fair value recovers to our current amortized cost and it is more-likely-than-not that we will not be required to sell impaired securities before fair value
recovers, which may be maturity.
Impairment of debt securities rated investment grade by all nationally-recognized rating agencies are considered temporary unless specific contrary information is identified. None of the debt securities rated investment grade were considered to be other-than-temporarily impaired at June 30, 2012.

- 71 -

At June 30, 2012, the composition of the Company's investment and available for sale securities portfolios by the lowest current credit rating assigned by any of the three nationally-recognized rating agencies is as follows (in thousands):


Perpetual preferred stock
Equity securities and mutual funds
Total available for sale securities \$9,632,976 \$9,904,535 \$65,774 \$67,753 \$64,128 \$66,059 \$367,579 \$330,565 \$22,705 \$26,503 \$
${ }_{1}$ U.S. government and government sponsored enterprises are not rated by the nationally-recognized rating agencies as these securities are guaranteed by agencies of the U.S. government or government-sponsored enterprises.

At June 30, 2012, the entire $\$ 354$ million portfolio of privately issued residential mortgage-backed securities (based on amortized cost after impairment charges) was rated below investment grade by at least one of the nationally-recognized rating agencies. The net unrealized loss on these securities totaled $\$ 36$ million. Ratings by the nationally recognized rating agencies are subjective in nature

- 72 -
and accordingly ratings can vary significantly amongst the agencies. Limitations generally expressed by the rating agencies include statements that ratings do not predict the specific percentage default likelihood over any given period of time and that ratings do not opine on expected loss severity of an obligation should the issuer default. As such, the impairment of securities rated below investment grade by at least one of the nationally-recognized rating agencies was evaluated to determine if we expect not to recover the entire amortized cost basis of the security. This evaluation was based on projections of estimated cash flows based on individual loans underlying each security using current and anticipated increases in unemployment and default rates, decreases in housing prices and estimated liquidation costs at foreclosure.

The primary assumptions used in this evaluation were:
Unemployment rates - increasing to $9.5 \%$ over the next 12 months, dropping to $8 \%$ over the following 21 months, and holding at $8 \%$ thereafter.
Housing price depreciation - starting with current depreciated housing prices based on information derived from the Federal Housing Finance Agency ("FHFA") data, decreasing by an additional 6\% over the next twelve months and then growing at $2 \%$ per year thereafter. At December 31, 2011, we assumed that housing prices would decrease an additional $8 \%$ over the next twelve months and then grow at $2 \%$ per year thereafter.
Estimated Liquidation Costs - reflect actual historical liquidation costs observed on Jumbo and Alt-A residential mortgage loans in the securities owned by the Company.
Discount rates - estimated cash flows were discounted at rates that range from $2.00 \%$ to $6.25 \%$ based on our current expected yields.

We also consider the current loan-to-value ratio and remaining credit enhancement as part of the assessment of the cash flows available to recover the amortized cost of the debt securities. Each factor is considered in the evaluation.

The Company calculates the current loan-to-value ratio for each mortgage-backed security using loan-level data. Current loan-to-value ratio is the current outstanding loan amount divided by an estimate of the current home value. The current home value is derived from FHFA data. FHFA provides historical information on home price depreciation at both the Metropolitan Statistical Area and state level. This information is matched to each loan to estimate the home price depreciation. Data is accumulated from the loan level to determine the current loan-to-value ratio for the security as a whole.

Remaining credit enhancement is the amount of credit enhancement available to absorb current projected losses within the pool of loans that support the security. The Company acquires the benefit of credit enhancement by investing in super-senior tranches for many of our residential mortgage-backed securities. Subordinated tranches held by other investors are specifically designed to absorb losses before the super-senior tranches which effectively doubled the typical credit support for these types of bonds. Current projected losses consider depreciation of home prices based on FHFA data, estimated costs and additional losses to liquidate collateral and delinquency status of the individual loans underlying the security.

Credit loss impairment is recorded as a charge to earnings. Additional impairment based on the difference between the total unrealized loss and the estimated credit loss on these securities was charged against other comprehensive income, net of deferred taxes.

Based upon projected declines in expected cash flows from certain private-label residential mortgage-backed securities, the Company recognized $\$ 858$ thousand of additional credit loss impairments in earnings during the three months ended June 30, 2012.

A distribution of the amortized cost (after recognition of the other-than-temporary impairment), fair value and credit loss impairments recognized on our privately issued residential mortgage-backed securities is as follows (in thousands, except for number of securities):

|  |  |  |  | Credit Loss <br> Three mon | cognized <br> ded |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | June 30, 20 |  | Life-to-date |  |
| Current LTV | Number of | Amortized | Fair Value | Number of | Amount | Number of | Amount |
| Alt-A | 16 | \$ 134,266 | \$118,414 | 3 | \$739 | 16 | \$47,417 |
| Jumbo-A | 33 | 219,917 | 199,347 | 2 | 119 | 31 | 22,921 |
| Total | 49 | \$354,183 | \$317,761 | 5 | \$858 | 47 | \$70,338 |

Impaired equity securities, including perpetual preferred stocks, are evaluated based on management's ability and intent to hold the securities until fair value recovers over periods not to exceed three years. The assessment of the ability and intent to hold these

- 73 -
securities focuses on the liquidity needs, asset/liability management objectives and securities portfolio objectives. Factors considered when assessing recovery include forecasts of general economic conditions and specific performance of the issuer, analyst ratings and credit spreads for preferred stocks which have debt-like characteristics. The Company has evaluated the near-term prospects of the investments in relation to the severity and duration of the impairment and based on that evaluation has the ability and intent to hold these investments until a recovery in fair value. Accordingly, all impairment of equity securities was considered temporary at June 30, 2012.

The following is a tabular roll forward of the amount of credit-related OTTI recognized on available for sale debt securities in earnings (in thousands):

|  | Three Months Ended <br> June 30, |  | Six Months Ended <br> June 30, |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2011 | 2012 | 2011 |
| Balance of credit-related OTTI recognized on available for <br> sale debt, beginning of period | $\$ 72,057$ | $\$ 57,223$ | $\$ 76,131$ | $\$ 52,624$ |
| Additions for credit-related OTTI not previously recognized | 135 | 37 | 248 | 37 |
| Additions for increases in credit-related OTTI previously <br> recognized when there is no intent to sell and no <br> requirement to sell before recovery of amortized cost | 723 | 4,787 | 4,332 | 9,386 |
| Sales | - | - | $(7,796$ | $)-$ |
| Balance of credit-related OTTI recognized on available for <br> sale debt securities, end of period | $\$ 72,915$ | $\$ 62,047$ | $\$ 72,915$ | $\$ 62,047$ |

Fair Value Option Securities
Fair value option securities represent securities which the Company has elected to carry at fair value and separately identified on the Consolidated Balance Sheets with changes in the fair value recognized in earnings as they occur. Certain residential mortgage-backed securities issued by U.S. government agencies and derivative contracts are held as an economic hedge of the mortgage servicing rights. In addition, certain corporate debt securities are economically hedged by derivative contracts to manage interest rate risk. Derivative contracts that have not been designated as hedging instruments effectively modify these fixed rate securities into variable rate securities.

The fair value and net unrealized gain (loss) included in Fair value option securities is as follows (in thousands):

|  | June 30, 2012 |  | December 31, 2011 |  | June 30, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Net <br> Unrealized <br> Gain | Fair Value | Net <br> Unrealized <br> Gain | Fair <br> Value | Net <br> Unrealized <br> Gain |
| U.S. agency residential mortgage-backed securities | \$299,467 | \$8,373 | \$626,109 | \$19,233 | \$553,231 | \$5,731 |
| Corporate debt securities | 25,710 | 621 | 25,117 | 18 | - | - |
| Total | \$325,177 | \$8,994 | \$651,226 | \$19,251 | \$553,231 | \$5,731 |

(3) Derivatives

The following table summarizes the fair values of derivative contracts recorded as "derivative contracts" assets and liabilities in the balance sheet at June 30, 2012 (in thousands):

| Gross Basis |  |  |
| :--- | :--- | :--- |
| Assets |  | Liabilities |
| Notional $^{1}$ | Fair Value | Notional $^{1}$ |


|  | Net Basis $^{2}$ |  |
| :--- | :--- | :--- |
| Fair Value | Assets | Liabilities |
| Fair Value | Fair Value |  |

Customer risk management programs:
Interest rate contracts ${ }^{3}$
To-be-announced mortgage-backed securities
Interest rate swaps
Energy contracts
Agricultural contracts
Foreign exchange contracts
Equity option contracts
Total customer derivative
before cash collateral
Less: cash collateral
Total customer derivatives
Interest rate risk management
programs
Total derivative contracts

| $\$ 13,724,514$ | $\$ 144,158$ | $\$ 13,579,184$ | $\$ 140,873$ | $\$ 104,781$ | $\$ 101,496$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $1,271,138$ | 77,121 | $1,271,138$ | 77,671 | 77,121 | 77,671 |
| $1,667,819$ | 150,754 | $1,653,592$ | 156,690 | 75,625 | 81,561 |
| 140,722 | 4,655 | 140,255 | 4,604 | 1,125 | 1,074 |
| 136,815 | 136,815 | 136,483 | 136,483 | 136,815 | 136,483 |
| 218,149 | 13,726 | 218,149 | 13,726 | 13,726 | 13,726 |
| $17,159,157$ | 527,229 | $16,998,801$ | 530,047 | 409,193 | 412,011 |
| - | - | - | - | $(50,622$ | $)(42,559$ |
| $17,159,157$ | 527,229 | $16,998,801$ | 530,047 | 358,571 | 369,452 |
| 66,000 | 7,633 | 25,000 | 601 | 7,633 | 601 |
| $\$ 17,225,157$ | $\$ 534,862$ | $\$ 17,023,801$ | $\$ 530,648$ | $\$ 366,204$ | $\$ 370,053$ |

, Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract.
Derivative contracts are recorded on a net basis in the balance sheet in recognition of master netting agreements that
${ }^{2}$ enable the Company to settle all derivative positions with a given counterparty in total and to offset the net derivative position with the related cash collateral.
${ }_{3}$ Includes interest rate swaps used by borrowers to modify interest rate terms of their loans and to be announced securities used by mortgage banking customers to hedge their loan production.

When bilateral netting agreements exist between the Company and its counterparties that create a single legal claim or obligation to pay or receive the net amount in settlement of the individual derivative contracts, the Company reports derivative assets and liabilities on a net by counterparty basis.

Derivative contracts may also require the Company to provide or receive cash margin as collateral for derivative assets and liabilities. Derivative assets and liabilities are reported net of cash margin when certain conditions are met. As of June 30, 2012, a decrease in credit rating from A1 to below investment grade would increase our obligation to post cash margin on existing contracts by approximately $\$ 38$ million.

The following table summarizes the fair values of derivative contracts recorded as "derivative contracts" assets and liabilities in the balance sheet at December 31, 2011 (in thousands):

Gross Basis
$\begin{array}{lll}\text { Assets } & & \text { Liabilities } \\ \text { Notional } & \text { Fair Value } & \text { Notional }^{1}\end{array}$
Notional $^{1}$ Fair Value Notional $^{1}$ Fair Value Fair Value Fair Value

Customer risk management programs:
Interest rate contracts ${ }^{3}$
To-be-announced residential mortgage-backed securities Interest rate swaps
Energy contracts
Agricultural contracts
Foreign exchange contracts
Equity option contracts
Total customer derivative
before cash collateral
Less: cash collateral
Total customer derivatives
Interest rate risk management
programs
Total derivative contracts
$\left.\begin{array}{llllll}\$ 9,118,627 & \$ 101,189 & \$ 9,051,627 & \$ 99,211 & \$ 68,519 & \$ 66,541 \\ 1,272,617 & 81,261 & 1,272,617 & 81,891 & 81,261 & 81,891 \\ 1,554,400 & 158,625 & 1,799,367 & 171,050 & 62,945 & 75,370 \\ 146,252 & 4,761 & 148,924 & 4,680 & 782 & 701 \\ 73,153 & 73,153 & 72,928 & 72,928 & 73,153 & 72,928 \\ 208,647 & 12,508 & 208,647 & 12,508 & 12,508 & 12,508 \\ 12,373,696 & 431,497 & 12,554,110 & 442,268 & 299,168 & 309,939 \\ - & - & - & - & (11,690 & )(73,712\end{array}\right)$
, Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract.
Derivative contracts are recorded on a net basis in the balance sheet in recognition of master netting agreements that
${ }^{2}$ enable the Company to settle all derivative positions with a given counterparty in total and to offset the net derivative position with the related cash collateral.
${ }_{3}$ Includes interest rate swaps used by borrowers to modify interest rate terms of their loans and to be announced securities used by mortgage banking customers to hedge their loan production.

The following table summarizes the fair values of derivative contracts recorded as "derivative contracts" assets and liabilities in the balance sheet at June 30, 2011 (in thousands):

| Gross Basis |  |  |
| :--- | :--- | :--- |
| Assets |  | Liabilities |
| Notional $^{1}$ | Fair Value | Notional $^{1}$ |


|  | Net Basis $^{2}$ |  |
| :--- | :--- | :--- |
| Fair Value | Assets | Liabilities |
| Fair Value | Fair Value |  |

Customer risk management programs:
Interest rate contracts ${ }^{3}$ To-be-announced residential mortgage-backed securities Interest rate swaps
Energy contracts
Agricultural contracts
Foreign exchange contracts
Equity option contracts
Total customer derivative before cash collateral
Less: cash collateral
$\left.\begin{array}{llllll}\$ 7,060,740 & \$ 51,503 & \$ 6,899,052 & \$ 49,483 & \$ 27,997 & \$ 25,977 \\ 1,197,499 & 64,051 & 1,197,499 & 64,051 & 63,442 & 64,051 \\ 1,917,521 & 158,922 & 2,094,878 & 157,998 & 51,820 & 50,896 \\ 125,644 & 6,025 & 132,573 & 5,961 & 1,847 & 1,783 \\ 78,471 & 78,471 & 78,572 & 78,572 & 78,471 & 78,572 \\ 181,964 & 18,112 & 181,964 & 18,112 & 18,112 & 18,112 \\ 10,561,839 & 377,084 & 10,584,538 & 374,177 & 241,689 & 239,391 \\ - & - & - & - & (14,014 & (65,474\end{array}\right)$

|  | 10,561,839 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate risk management programs |  | 2,212 |  |  | 2,212 |  |
| Total derivative contracts | \$10,605,839 | \$379,296 | \$10,584,538 | \$374,17 | 22, |  |
| Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract. <br> Derivative contracts are recorded on a net basis in the balance sheet in recognition of master netting agreements that |  |  |  |  |  |  |
| ${ }^{2}$ enable the Company to settle all derivative positions with a given counterparty in total and to offset the net derivative position with the related cash collateral. |  |  |  |  |  |  |
|  |  |  |  |  |  | und |

- 76 -

The following summarizes the pre-tax net gains (losses) on derivative instruments and where they are recorded in the income statement (in thousands):

|  | Three Months Ended June 30, 2012 |  | Three Months Ended June 30, 2011 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Brokerage and Trading Revenue | Gain (Loss) <br> on <br> Derivatives, <br> Net | Brokerage and Trading Revenue | Gain (Loss) <br> on <br> Derivatives, <br> Net |
| Customer Risk Management Programs: <br> Interest rate contracts |  |  |  |  |
|  |  |  |  |  |
| To-be-announced residential mortgage-backed securities | \$186 | \$- | \$(648 | ) \$- |
| Interest rate swaps | 1,231 | - | 672 | - |
| Energy contracts | 2,588 | - | 912 | - |
| Agricultural contracts | 92 | - | 92 | - |
| Foreign exchange contracts | 125 | - | 118 | - |
| Equity option contracts | - | - | - | - |
| Total Customer Derivatives | 4,222 | - | 1,146 | - |
| Interest Rate Risk Management Programs | - | 2,345 | - | 1,225 |
| Total Derivative Contracts | \$4,222 | \$2,345 | \$1,146 | \$1,225 |
|  | Six Months Ended June 30, 2012 |  | Six Months Ended June 30, 2011 |  |
|  | Brokerage and Trading Revenue | Gain (Loss) <br> on <br> Derivatives, <br> Net | Brokerage and Trading Revenue | Gain (Loss) <br> on <br> Derivatives, <br> Net |
| Customer Risk Management Programs: <br> Interest rate contracts |  |  |  |  |
| To-be-announced residential mortgage-backed securities | \$1,307 | \$- | \$(4,055 | ) \$- |
| Interest rate swaps | 2,144 | - | 1,542 | - |
| Energy contracts | 4,898 | - | 4,399 | - |
| Agricultural contracts | 183 | - | 160 | - |
| Foreign exchange contracts | 331 | - | 227 | - |
| Equity option contracts | - | - | - | - |
| Total Customer Derivatives | 8,863 | - | 2,273 | - |
| Interest Rate Risk Management Programs | - | (128 | - | (1,348 |
| Total Derivative Contracts | \$8,863 | \$(128 | \$2,273 | \$(1,348 |

## Customer Risk Management Programs

BOK Financial offers programs to permit its customers to manage various risks, including fluctuations in energy, cattle and other agricultural products, interest rates and foreign exchange rates, or to take positions in derivative contracts. Derivative contracts are executed between the customers and BOK Financial. Offsetting contracts are executed between BOK Financial and other selected counterparties to minimize its risk of changes in commodity prices, interest rates or foreign exchange rates. The counterparty contracts are identical to customer contracts, except for a fixed pricing spread or fee paid to BOK Financial as profit and compensation for administrative costs and credit risk which is recognized over the life of the contracts and included in other operating revenue - brokerage and trading revenue in the Consolidated Statements of Earnings.

## Interest Rate Risk Management Programs

BOK Financial may use interest rate swaps in managing its interest rate sensitivity and as part of its economic hedge of the change in the fair value of mortgage servicing rights. Interest rate swaps are generally used to reduce overall asset sensitivity by converting specific fixed rate liabilities to floating rate based on LIBOR. Net interest revenue was not significantly impacted by the settlement of amounts receivable or payable on interest rate swaps for the three and six months ended June 30, 2012 and

- 77 -

2011, respectively. As of June 30, 2012, BOK Financial had interest rate swaps with a notional value of $\$ 66$ million used as part of the economic hedge of the change in the fair value of the mortgage servicing rights.

As discussed in Note 5, certain derivative contracts not designated as hedging instruments related to mortgage loan commitments and forward sales contracts are included in Residential mortgage loans held for sale on the Consolidated Balance Sheets. See Note 5, for additional discussion of notional, fair value and impact on earnings of these contracts. Forward sales contracts are not considered swaps under the Commodity and Futures Trading Commission final rules.

None of these derivative contracts have been designated as hedging instruments.
(4) Loans and Allowances for Credit Losses

Loans are either secured or unsecured based on the type of loan and the financial condition of the borrower. Repayment is generally expected from cash flow or proceeds from the sale of selected assets of the borrower. BOK Financial is exposed to risk of loss on loans due to the borrower's difficulties, which may arise from any number of factors, including problems within the respective industry or local economic conditions. Access to collateral, in the event of borrower default, is reasonably assured through adherence to applicable lending laws and through sound lending standards and credit review procedures.

Performing loans may be renewed under then current collateral value, debt service ratio and other underwriting standards. Nonperforming loans may be renewed and will remain on nonaccrual status. Nonperforming loans renewed will be evaluated and may be charged off if the loan balance is no longer covered by the paying capacity of the borrower based on an evaluation of available cash resources and collateral value.

Interest is accrued at the applicable interest rate on the principal amount outstanding. Loans are placed on nonaccrual status when, in the opinion of management, full collection of principal or interest is uncertain. Internally risk graded loans are individually evaluated for nonaccrual status quarterly. Non-risk graded loans are generally placed on nonaccrual status when more than 90 days past due. Interest previously accrued but not collected is charged against interest income when the loan is placed on nonaccrual status. Payments on nonaccrual loans are applied to principal or reported as interest income, according to management's judgment as to the collectability of principal. Loans may be returned to accruing status when, in the opinion of management, full collection of principal and interest, including principal previously charged off, is probable based on improvements in the borrower's financial condition or a sustained period of performance.

All distressed commercial and commercial real estate loans are placed on nonaccrual status. Modifications of nonaccruing loans to distressed borrowers generally consists of extension of payment terms, renewal of matured nonaccruing loans or interest rate concession. Principal and accrued but unpaid interest is not forgiven. Renewed or modified nonaccruing loans are charged off when the loan balance is no longer covered by the paying capacity of the borrower based on a quarterly evaluation of cash resources and collateral value. Renewed or modified nonperforming loans generally remain on nonaccrual status until full collection of principal and interest in accordance with original terms, including principal previously charged off, is probable. Consumer loans to troubled borrowers are not voluntarily modified.

Residential mortgage loans are modified in accordance with U.S. government agency guidelines by reducing interest rates and extending the number of payments. No unpaid principal or interest is forgiven. Interest guaranteed by U.S. government agencies under residential mortgage loan programs continues to accrue based on the modified terms of the loan. Renegotiated loans may be sold after a period of satisfactory performance. If it becomes probable that all amounts due according to the modified loan terms will not be collected, the loan is placed on nonaccrual status and included in nonaccrual loans.

Loan origination and commitment fees and direct loan acquisition and origination costs are deferred and amortized as an adjustment to yield over the life of the loan or over the commitment period, as applicable.

Certain residential mortgage loans originated by the Company are held for sale and are carried at fair value based on sales commitments or market quotes and reported separately in the Consolidated Balance Sheets. Changes in fair value are recorded in other operating revenue - mortgage banking revenue in the Consolidated Statements of Earnings.

Loans are disaggregated into portfolio segments and further disaggregated into classes. The portfolio segment is the level at which the Company develops and documents a systematic method for determining its allowance for credit losses. Classes are a further disaggregation of portfolio segments based on the risk characteristics of the loans and the Company's method for monitoring and assessing credit risk.

- 78 -

Portfolio segments of the loan portfolio are as follows (in thousands):

|  | June 30, 2012 |  |  |  | December 31, 2011 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fixed <br> Rate | Variable <br> Rate | Non-accrualTotal |  | Fixed <br> Rate | Variable <br> Rate | Non-accrualTotal |  |
| Commercial | \$3,536,199 | \$3,481,816 | \$34,529 | \$7,052,544 | \$3,261,344 | \$3,224,915 | \$ 68,811 | \$6,555,070 |
| Commercial real estate | 864,077 | 1,181,923 | 80,214 | 2,126,214 | 896,820 | 1,295,290 | 99,193 | 2,291,303 |
| Residential mortgage | 1,708,252 | 274,118 | 22,727 | 2,005,097 | 1,646,554 | 298,206 | 29,767 | 1,974,527 |
| Consumer | 200,897 | 184,667 | 7,012 | 392,576 | 245,711 | 199,617 | 3,515 | 448,843 |
| Total <br> Accruing | \$6,309,425 | \$5,122,524 | \$ 144,482 | \$11,576,431 | \$6,050,429 | \$5,018,028 | \$ 201,286 | \$11,269,743 |
| loans past <br> due (90 |  |  |  | \$691 |  |  |  | \$2,496 |

Commercial \$2,847,559 \$3,269,321 \$53,365 \$6,170,245

Commercial real
estate
Residential
mortgage
Consumer
Total
June 30, 2011
$\begin{array}{lll}\text { Fixed } & \text { Variable } & \\ \text { Rate } & \text { Rate } & \text { Noccrual Total }\end{array}$

| \$2,847,559 | $\$ 3,269,321$ | $\$ 53,365$ | $\$ 6,170,245$ |
| :--- | :--- | :--- | :--- |
| 868,513 | $1,209,155$ | 110,363 | $2,188,031$ |

Accruing loans past
due ( 90 days) ${ }^{1}$

| $1,517,676$ | 322,585 | 31,693 | $1,871,954$ |
| :--- | :--- | :--- | :--- |
| 296,595 | 205,970 | 4,749 | 507,314 |
| $\$ 5,530,343$ | $\$ 5,007,031$ | $\$ 200,170$ | $\$ 10,737,544$ |

${ }^{1}$ Excludes residential mortgage loans guaranteed by agencies of the U.S. government
At June 30, 2012, $\$ 5.3$ billion or $46 \%$ of the total loan portfolio is to businesses and individuals in Oklahoma and $\$ 3.5$ billion or $30 \%$ of our total loan portfolio is to businesses and individuals in Texas. These geographic concentrations subject the loan portfolio to the general economic conditions within these areas.

## Commercial

Commercial loans represent loans for working capital, facilities acquisition or expansion, purchases of equipment and other needs of commercial customers primarily located within our geographical footprint. Commercial loans are underwritten individually and represent on-going relationships based on a thorough knowledge of the customer, the customer's industry and market. While commercial loans are generally secured by the customer's assets including real property, inventory, accounts receivable, operating equipment, interest in mineral rights and other property and may also include personal guarantees of the owners and related parties, the primary source of repayment of the loans is the on-going cash flow from operations of the customer's business. Inherent lending risk is centrally monitored on a continuous basis from underwriting throughout the life of the loan for compliance with commercial lending policies.

At June 30, 2012, commercial loans to businesses in Oklahoma totaled $\$ 3.1$ billion or $44 \%$ of the commercial loan portfolio segment and loans to businesses in Texas totaled $\$ 2.4$ billion or $34 \%$ of the commercial loan portfolio segment. The commercial loan portfolio segment is further divided into loan classes. The energy loan class totaled $\$ 2.2$ billion or $20 \%$ of total loans at June 30, 2012, including $\$ 2.0$ billion of outstanding loans to energy producers.

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Approximately 55\% of committed production loans are secured by properties primarily producing oil and $45 \%$ are secured by properties producing natural gas. The services loan class totaled $\$ 1.9$ billion at June 30, 2012.
Approximately $\$ 1.0$ billion of loans in the services category consists of loans with individual balances of less than $\$ 10$ million. Businesses included in the services class include community foundations, communications, education, gaming and transportation.

## Commercial Real Estate

Commercial real estate loans are for the construction of buildings or other improvements to real estate and property held by borrowers for investment purposes primarily within our geographical footprint. We require collateral values in excess of the loan amounts, demonstrated cash flows in excess of expected debt service requirements, equity investment in the project and a

- 79 -
portion of the project already sold, leased or permanent financing already secured. The expected cash flows from all significant new or renewed income producing property commitments are stress tested to reflect the risks in varying interest rates, vacancy rates and rental rates. As with commercial loans, inherent lending risks are centrally monitored on a continuous basis from underwriting throughout the life of the loan for compliance with applicable lending policies.

At June 30, 2012, $32 \%$ of commercial real estate loans are secured by properties primarily located in the Dallas and Houston areas of Texas. An additional $30 \%$ of commercial real estate loans are secured by properties located primarily in the Tulsa and Oklahoma City metropolitan areas of Oklahoma.

## Residential Mortgage and Consumer

Residential mortgage loans provide funds for our customers to purchase or refinance their primary residence or to borrow against the equity in their home. Residential mortgage loans are secured by a first or second-mortgage on the customer's primary residence. Consumer loans include direct loans secured by and for the purchase of automobiles, recreational and marine equipment as well as other unsecured loans. Consumer loans also include indirect automobile loans made through primary dealers. Residential mortgage and consumer loans are made in accordance with underwriting policies we believe to be conservative and are fully documented. Credit scoring is assessed based on significant credit characteristics including credit history, residential and employment stability. Residential mortgage loans retained in the Company's portfolio are primarily composed of various mortgage programs to support customer relationships including jumbo mortgage loans, non-builder construction loans and special loan programs for high net worth individuals and certain professionals. Jumbo loans may be fixed or variable rate and are fully amortizing. Jumbo loans generally conform to government sponsored entity standards, except that the loan size exceeds maximums required under these standards. These loans generally require a minimum FICO score of 720 and a maximum debt-to-income ratio ("DTI") of $38 \%$. Loan-to-value ("LTV") ratios are tiered from $60 \%$ to $100 \%$, depending on the market. Special mortgage programs include fixed and variable fully amortizing loans tailored to the needs of certain healthcare professionals. Variable rate loans are fully indexed at origination and may have fixed rates for three to ten years, then adjust annually thereafter.

At June 30, 2012, residential mortgage loans included $\$ 168$ million of loans guaranteed by U.S. government agencies previously sold into GNMA mortgage pools. These loans either have been repurchased or are eligible to be repurchased by the Company when certain defined delinquency criteria are met. Although payments on these loans generally are past due more than 90 days, interest continues to accrue based on the government guarantee.

Home equity loans totaled $\$ 696$ million at June 30, 2012. Approximately, $39 \%$ of the home equity portfolio is comprised of junior lien loans and $61 \%$ of the home equity loan portfolio is comprised of first lien loans. Junior lien loans are distributed $79 \%$ to amortizing term loans and $21 \%$ to revolving lines of credit. Home equity loans generally require a minimum FICO score of 700 and a maximum DTI of $40 \%$. The maximum loan amount available for our home equity loan products is generally $\$ 400$ thousand.

## Credit Commitments

Commitments to extend credit are agreements to lend to a customer as long as there is no violation of conditions established in the contract. Commitments generally have fixed expiration dates or other termination clauses and may require payment of a fee. At June 30, 2012, outstanding commitments totaled $\$ 6.1$ billion. Because some commitments are expected to expire before being drawn upon, the total commitment amounts do not necessarily represent future cash requirements. BOK Financial uses the same credit policies in making commitments as it does loans.

The amount of collateral obtained, if deemed necessary, is based upon management's credit evaluation of the borrower.
Standby letters of credit are conditional commitments issued to guarantee the performance of a customer to a third party. Because the credit risk involved in issuing standby letters of credit is essentially the same as that involved in extending loan commitments, BOK Financial uses the same credit policies in evaluating the creditworthiness of the customer. Additionally, BOK Financial uses the same evaluation process in obtaining collateral on standby letters of credit as it does for loan commitments. The term of these standby letters of credit is defined in each commitment and typically corresponds with the underlying loan commitment. At June 30, 2012, outstanding standby letters of credit totaled $\$ 449$ million. Commercial letters of credit are used to facilitate customer trade transactions with the drafts being drawn when the underlying transaction is consummated. At June 30, 2012, outstanding commercial letters of credit totaled $\$ 8$ million.

- 80 -


## Allowances for Credit Losses

BOK Financial maintains an allowance for loan losses and an accrual for off-balance sheet credit risk related to commitments to extend credit and standby letters of credit. As discussed in greater detail in Note 5 , the Company also has separate accruals related to off-balance sheet credit risk related to residential mortgage loans previously sold with full or partial recourse and for residential mortgage loans sold to government sponsored agencies under standard representations and warranties.

The appropriateness of the allowance for loan losses and accrual for off-balance sheet credit losses is assessed by management based on an on-going quarterly evaluation of the probable estimated losses inherent in the portfolio, including probable losses on both outstanding loans and unused commitments.

The allowance for loan losses consists of specific allowances attributed to impaired loans that have not yet been charged down to amounts we expect to recover, general allowances for unimpaired loans based on estimated loss rates by loan class and nonspecific allowances based on general economic conditions, risk concentration and related factors. There have been no material changes in the approach or techniques utilized in developing the allowance for loan losses and the accrual for off-balance sheet credit losses for the three and six months ended June 30, 2012.

Internally risk graded loans are evaluated individually for impairment. Substantially all commercial and commercial real estate loans and certain residential mortgage and consumer loans are risk graded based on evaluation of the borrowers' ability to repay. Certain commercial loans and most residential mortgage and consumer loans are small balance, homogeneous pools of loans that are not risk graded.

Loans are considered to be impaired when it becomes probable that BOK Financial will be unable to collect all amounts due according to the contractual terms of the loan agreements. This is substantially the same criteria used to determine when a loan should be placed on nonaccrual status. All commercial and commercial real estate loans that have been modified in a troubled debt restructuring are considered to be impaired and remain classified as nonaccrual. Specific allowances for impaired loans are measured by an evaluation of estimated future cash flows discounted at the loans' initial effective interest rate or the fair value of collateral for certain collateral dependent loans. Collateral value of real property is generally based on third party appraisals that conform to Uniform Standards of Professional Appraisal Practice, less estimated selling costs. Appraised values are on an "as-is" basis and are not adjusted by the Company. Collateral value of mineral rights is generally determined by our internal staff of engineers based on projected cash flows under current market conditions. Collateral values and available cash resources that support impaired loans are evaluated quarterly. Updated appraisals are obtained at least annually or more frequently if market conditions indicate collateral values have declined. Historical statistics may be used in limited situations to assist in estimating future cash flows or collateral values, such as when an impaired collateral dependent loan is identified at the end of a reporting period. Historical statistics are a practical way to estimate impairment until an updated appraisal of collateral value is received or a full assessment of future cash flows is completed. Estimates of future cash flows and collateral values require significant judgments and are subject to volatility.

General allowances for unimpaired loans are based on estimated loss rates by loan class. For risk-graded loans, loss rates are developed using historical gross loss rates, as adjusted for changes in risk grading and inherent risks identified by loan class. Loss rates for each loan class are determined by the current loss rate based on the most recent twelve months or a long-term gross loss rate that most appropriately represents the current economic environment. For each loan class, current average risk grades are compared to long-term average risk grades to determine if risk is increasing or decreasing. Loss rates are accordingly adjusted upward or downward in proportion to increasing or decreasing risk. Historical loss rates may be further adjusted for inherent risks identified for the given loan class which have not yet been captured in the actual gross loss rates or risk gradings.

Nonspecific allowances are maintained for risks beyond factors specific to a particular loan or loan class. These factors include trends in the economy in our primary lending areas, concentrations in loans with large balances and other relevant factors.
An accrual for off-balance sheet credit losses is included in Other liabilities in the Consolidated Balance Sheets. The appropriateness of this accrual is determined in the same manner as the allowance for loan losses. Changes in the accrual for off-balance sheet credit losses are recognized through the provision for credit losses in the Consolidated Statements of Earnings.

The activity in the allowance for loan losses and the allowance for off-balance sheet credit losses related to loan commitments and standby letters of credit for the three months ended June 30, 2012 is summarized as follows (in thousands):
$\left.\begin{array}{llllllll} & \text { Commercial } & \begin{array}{lllll}\text { Commercial } \\ \text { Real Estate }\end{array} & \begin{array}{l}\text { Residential } \\ \text { Mortgage }\end{array} & \text { Consumer } & \begin{array}{l}\text { Nonspecific } \\ \text { allowance }\end{array} & \text { Total } \\ \begin{array}{llllll}\text { Allowance for loan losses: }\end{array} & \$ 85,972 & \$ 62,742 & \$ 41,628 & \$ 9,517 & \$ 44,350 & \$ 244,209 \\ \text { Beginning balance } & (2,526 & )(6,264 & ) & 4,371 & 212 & (3,492 & ) \\ \text { Provision for loan losses } & (7,699\end{array}\right)$

The activity in the allowance for loan losses and the allowance for off-balance sheet credit losses related to loan commitments and standby letters of credit for the six months ended June 30, 2012 is summarized as follows (in thousands):
$\left.\begin{array}{llllllll} & \text { Commercial } & \begin{array}{l}\text { Commercial } \\ \text { Real Estate }\end{array} & \begin{array}{l}\text { Residential } \\ \text { Mortgage }\end{array} & \text { Consumer } & \begin{array}{l}\text { Nonspecific } \\ \text { allowance }\end{array} & \text { Total } \\ \begin{array}{lllllll}\text { Allowance for loan losses: } \\ \text { Beginning balance }\end{array} & \$ 83,443 & \$ 67,034 & \$ 46,476 & \$ 10,178 & \$ 46,350 & \$ 253,481 \\ \text { Provision for loan losses } & 991 & (5,143 & ) & 898 & 260 & (5,492 & ) \\ \hline \begin{array}{l}\text { Loans charged off }\end{array} & (7,028 & )(7,941 & ) & (5,847 & )(4,401 & ) & (25,217\end{array}\right)$

[^5]The activity in the allowance for loan losses and the allowance for off-balance sheet credit losses related to loan commitments and standby letters of credit for the three months ended June 30, 2011 is summarized as follows (in thousands):
$\left.\begin{array}{lllllll} & \text { Commercial } & \begin{array}{l}\text { Commercial } \\ \text { Real Estate }\end{array} & \begin{array}{l}\text { Residential } \\ \text { Mortgage }\end{array} & \text { Consumer } & \begin{array}{l}\text { Nonspecific } \\ \text { allowance }\end{array} & \text { Total } \\ \begin{array}{lllllll}\text { Allowance for loan losses: }\end{array} & \$ 113,706 & \$ 94,535 & \$ 45,649 & \$ 10,410 & \$ 25,249 & \$ 289,549 \\ \begin{array}{l}\text { Beginning balance } \\ \text { Provision for loan losses }\end{array} & 980 & 289 & 2,721 & (286 & ) 1,876 & 5,580 \\ \text { Loans charged off } & (3,302 & )(3,380 & )(3,381 & )(2,711 & ) & (12,774\end{array}\right)$

The activity in the allowance for loan losses and the allowance for off-balance sheet credit losses related to loan commitments and standby letters of credit for the six months ended June 30, 2011 is summarized as follows (in thousands):


A provision for credit losses is charged against earnings in amounts necessary to maintain an appropriate allowance for loan and accrual for off-balance sheet credit losses. All loans are charged off when the loan balance or a portion of the loan balance is no longer covered by the paying capacity of the borrower based on an evaluation of available cash resources and collateral value. Internally risk graded loans are evaluated quarterly and charge-offs are taken in the quarter in which the loss is identified. Non-risk graded loans are generally charged off when payments are between 90

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days and 180 days past due, depending on loan class. Recoveries of loans previously charged off are added to the allowance.

- 83 -

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at June 30, 2012 is as follows (in thousands):

|  | Collectively Measured for Impairment |  | Individually Measured for Impairment |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Recorded | Related | Recorded | Related | Recorded | Related |
|  | Investment | Allowance | Investment | Allowance | Investment | Allowance |
| Commercial | \$7,018,115 | \$83,199 | \$34,429 | \$278 | \$7,052,544 | \$83,477 |
| Commercial real estate | 2,046,006 | 54,526 | 80,208 | 1,280 | 2,126,214 | 55,806 |
| Residential mortgage | 1,997,887 | 42,453 | 7,210 | 235 | 2,005,097 | 42,688 |
| Consumer | 388,106 | 8,798 | 4,470 | 42 | 392,576 | 8,840 |
| Total | 11,450,114 | 188,976 | 126,317 | 1,835 | 11,576,431 | 190,811 |
| Nonspecific allowance | - | - | - | - | - | 40,858 |
| Total | \$11,450,114 | \$188,976 | \$126,317 | \$1,835 | \$11,576,431 | \$231,669 |

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at December 31, 2011 is as follows (in thousands):

|  | Collectively Measured for Impairment |  | Individually Measured for Impairment |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Recorded | Related | Recorded | Related | Recorded | Related |
|  | Investment | Allowance | Investment | Allowance | Investment | Allowance |
| Commercial | \$6,486,311 | \$81,907 | \$68,759 | \$1,536 | \$6,555,070 | \$83,443 |
| Commercial real estate | 2,192,110 | 63,092 | 99,193 | 3,942 | 2,291,303 | 67,034 |
| Residential mortgage | 1,967,086 | 46,178 | 7,441 | 298 | 1,974,527 | 46,476 |
| Consumer | 447,747 | 10,178 | 1,096 | - | 448,843 | 10,178 |
| Total | 11,093,254 | 201,355 | 176,489 | 5,776 | 11,269,743 | 207,131 |
| Nonspecific allowance | - | - | - | - | - | 46,350 |
| Total | \$ 11,093,254 | \$201,355 | \$176,489 | \$5,776 | \$11,269,743 | \$253,481 |

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at June 30, 2011 is as follows (in thousands):

|  | Collectively Measured <br> for Impairment |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Individually Measured <br> Recorded |  | Related | Tor Impairment | Recorded | Related | Recorded | Related

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Total
$\begin{array}{llllll}\$ 10,561,213 & \$ 252,803 & \$ 176,331 & \$ 6,683 & \$ 10,737,544 & \$ 286,611\end{array}$

- 84 -


## Credit Quality Indicators

The Company utilizes loan class and risk grading as a primary credit quality indicator. Substantially all commercial and commercial real estate loans and certain residential mortgage and consumer loans are risk graded based on a quarterly evaluation of the borrowers' ability to repay the loans. Certain commercial loans and most residential mortgage and consumer loans are small, homogeneous pools that are not risk graded.

The allowance for loan losses and recorded investment of the related loans by portfolio segment for risk graded and non-risk graded loans at June 30, 2012 is as follows (in thousands):

|  | Internally Risk Graded <br> Recorded |  | Related | Non-Graded |  | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Recorded | Related | Recorded | Related |  |  |
|  | Investment | Allowance | Investment | Allowance | Investment | Allowance |
| Commercial | $\$ 7,034,934$ | $\$ 82,357$ | $\$ 17,610$ | $\$ 1,120$ | $\$ 7,052,544$ | $\$ 83,477$ |
| Commercial real estate | $2,126,208$ | 55,806 | 6 | - | $2,126,214$ | 55,806 |
| Residential mortgage | 283,031 | 6,987 | $1,722,066$ | 35,701 | $2,005,097$ | 42,688 |
| Consumer | 201,044 | 1,895 | 191,532 | 6,945 | 392,576 | 8,840 |
| Total | $9,645,217$ | 147,045 | $1,931,214$ | 43,766 | $11,576,431$ | 190,811 |
|  |  |  |  |  |  |  |
| Nonspecific allowance | - | - | - | - | 40,858 |  |
|  |  |  |  |  |  |  |
| Total | $\$ 9,645,217$ | $\$ 147,045$ | $\$ 1,931,214$ | $\$ 43,766$ | $\$ 11,576,431$ | $\$ 231,669$ |

The allowance for loan losses and recorded investment of the related loans by portfolio segment for risk graded and non-risk graded loans at December 31, 2011 is as follows (in thousands):

|  | Internally Risk Graded <br> Recorded |  | Related | Non-Graded |  | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Recorded | Related | Recorded | Related |  |  |
|  | Investment | Allowance | Investment | Allowance | Investment | Allowance |
| Commercial | $\$ 6,536,602$ | $\$ 82,263$ | $\$ 18,468$ | $\$ 1,180$ | $\$ 6,555,070$ | $\$ 83,443$ |
| Commercial real estate | $2,291,303$ | 67,034 | - | - | $2,291,303$ | 67,034 |
| Residential mortgage | 317,798 | 8,262 | $1,656,729$ | 38,214 | $1,974,527$ | 46,476 |
| Consumer | 217,195 | 2,527 | 231,648 | 7,651 | 448,843 | 10,178 |
| Total | $9,362,898$ | 160,086 | $1,906,845$ | 47,045 | $11,269,743$ | 207,131 |
|  |  |  |  |  |  |  |
| Nonspecific allowance | - | - | - | - | 46,350 |  |
|  |  |  |  |  |  |  |
| Total | $\$ 9,362,898$ | $\$ 160,086$ | $\$ 1,906,845$ | $\$ 47,045$ | $\$ 11,269,743$ | $\$ 253,481$ |

- 85 -

The allowance for loan losses and recorded investment of the related loans by portfolio segment for risk graded and non-risk graded loans at June 30, 2011 is as follows (in thousands):

|  | Internally Risk Graded <br> Recorded |  | Related | Non-Graded |  | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Recorded | Related | Recorded | Related |  |  |
|  | Investment | Allowance | Investment | Allowance | Investment | Allowance |
| Commercial | $\$ 6,151,384$ | $\$ 111,392$ | $\$ 18,861$ | $\$ 2,179$ | $\$ 6,170,245$ | $\$ 113,571$ |
| Commercial real estate | $2,188,031$ | 91,750 | - | - | $2,188,031$ | 91,750 |
| Residential mortgage | 355,102 | 7,911 | $1,516,852$ | 37,332 | $1,871,954$ | 45,243 |
| Consumer | 220,300 | 1,877 | 287,014 | 7,045 | 507,314 | 8,922 |
| Total | $8,914,817$ | 212,930 | $1,822,727$ | 46,556 | $10,737,544$ | 259,486 |
|  |  |  | - | - | - | 27,125 |
| Nonspecific allowance | - | - | - | - |  |  |
| Total | $\$ 8,914,817$ | $\$ 212,930$ | $\$ 1,822,727$ | $\$ 46,556$ | $\$ 10,737,544$ | $\$ 286,611$ |

Loans are considered to be performing if they are in compliance with the original terms of the agreement which is consistent with the regulatory guideline of "pass." Performing also includes loans considered to be "other loans especially mentioned" by regulatory guideline. Other loans especially mentioned are in compliance with the original terms of the agreement but may have a weakness that deserves management's close attention. Performing loans also include past due residential mortgages that are guaranteed by agencies of the U.S. government.

The risk grading process identified certain criticized loans as potential problem loans. These loans have a well-defined weakness (e.g. inadequate debt service coverage or liquidity or marginal capitalization; repayment may depend on collateral or other risk mitigation) that may jeopardize liquidation of the debt and represent a greater risk due to deterioration in the financial condition of the borrower. This is consistent with the regulatory guideline for "substandard." Because the borrowers are still performing in accordance with the original terms of the loan agreements, these loans were not placed in nonaccrual status. Known information does, however, cause concern as to the borrowers' continued compliance with current repayment terms. Nonaccrual loans represent loans for which full collection of principal and interest is uncertain. This is substantially the same criteria used to determine whether a loan is impaired and includes certain loans considered "substandard" and all loans considered "doubtful" by regulatory guidelines.

The following table summarizes the Company's loan portfolio at June 30, 2012 by the risk grade categories (in thousands):

|  | Internally Risk Graded |  |  | Non-Graded |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Performing | Potential Problem | Nonaccrual | Performing | Nonaccrual | Total |
| Commercial: |  |  |  |  |  |  |
| Energy | \$2,264,290 | \$ 10,959 | \$3,087 | \$- | \$- | \$2,278,336 |
| Services | 1,881,143 | 40,254 | 10,123 | - | - | 1,931,520 |
| Wholesale/retail | 944,412 | 11,597 | 4,175 | - | - | 960,184 |
| Manufacturing | 340,815 | 9,832 | 12,230 | - | - | 362,877 |
| Healthcare | 1,004,773 | 1,045 | 3,310 | - | - | 1,009,128 |
| Integrated food services | 216,282 | 696 | - | - | - | 216,978 |
| Other commercial and industrial | 274,082 | 325 | 1,504 | 17,510 | 100 | 293,521 |
| Total commercial | 6,925,797 | 74,708 | 34,429 | 17,510 | 100 | 7,052,544 |
| Commercial real estate: |  |  |  |  |  |  |
| Construction and land development | 214,263 | 26,746 | 46,050 | - | - | 287,059 |
| Retail | 476,179 | 8,290 | 7,908 | - | - | 492,377 |
| Office | 361,451 | 12,352 | 10,589 | - | - | 384,392 |
| Multifamily | 352,269 | 6,677 | 3,219 | - | - | 362,165 |
| Industrial | 230,760 | 273 | - | - | - | 231,033 |
| Other commercial real estate | 342,815 | 13,925 | 12,442 | - | 6 | 369,188 |
| Total commercial real estate | 1,977,737 | 68,263 | 80,208 | - | 6 | 2,126,214 |
| Residential mortgage: |  |  |  |  |  |  |
| Permanent mortgage | 262,423 | 13,398 | 7,210 | 847,414 | 10,926 | 1,141,371 |
| Permanent mortgages guaranteed by U.S. government agencies | - | - | - | 168,059 | - | 168,059 |
| Home equity | - | - | - | 691,076 | 4,591 | 695,667 |
| Total residential mortgage | 262,423 | 13,398 | 7,210 | 1,706,549 | 15,517 | 2,005,097 |
| Consumer: |  |  |  |  |  |  |
| Indirect automobile | - | - | - | 60,667 | 2,257 | 62,924 |
| Other consumer | 193,521 | 3,053 | 4,470 | 128,323 | 285 | 329,652 |
| Total consumer | 193,521 | 3,053 | 4,470 | 188,990 | 2,542 | 392,576 |
| Total | \$9,359,478 | \$ 159,422 | \$ 126,317 | \$ 1,913,049 | \$ 18,165 | \$ 11,576,431 |

[^6]The following table summarizes the Company's loan portfolio at December 31, 2011 by the risk grade categories (in thousands):

|  | Internally Risk Graded |  |  | Non-Graded |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Performing | Potential <br> Problem | Nonaccrual | Performing | Nonaccrual | Total |
| Commercial: |  |  |  |  |  |  |
| Energy | \$2,003,288 | \$1,417 | \$336 | \$- | \$- | \$2,005,041 |
| Services | 1,713,232 | 31,338 | 16,968 | - | - | 1,761,538 |
| Wholesale/retail | 912,090 | 34,156 | 21,180 | - | - | 967,426 |
| Manufacturing | 311,292 | 2,390 | 23,051 | - | - | 336,733 |
| Healthcare | 969,260 | 3,414 | 5,486 | - | - | 978,160 |
| Integrated food services | 203,555 | 756 | - | - | - | 204,311 |
| Other commercial and industrial | 281,645 | 10 | 1,738 | 18,416 | 52 | 301,861 |
| Total commercial | 6,394,362 | 73,481 | 68,759 | 18,416 | 52 | 6,555,070 |
| Commercial real estate: |  |  |  |  |  |  |
| Construction and land development | 252,936 | 27,244 | 61,874 | - | - | 342,054 |
| Retail | 499,295 | 3,244 | 6,863 | - | - | 509,402 |
| Office | 381,918 | 12,548 | 11,457 | - | - | 405,923 |
| Multifamily | 357,436 | 8,079 | 3,513 | - | - | 369,028 |
| Industrial | 277,906 | 280 | - | - | - | 278,186 |
| Other commercial real estate | 355,381 | 15,843 | 15,486 | - | - | 386,710 |
| Total commercial real estate | 2,124,872 | 67,238 | 99,193 | - | - | 2,291,303 |
| Residential mortgage: |  |  |  |  |  |  |
| Permanent mortgage | 294,478 | 15,879 | 7,441 | 817,921 | 17,925 | 1,153,644 |
| Permanent mortgages guaranteed by U.S. government agencies | - | - | - | 188,462 | - | 188,462 |
| Home equity | - | - | - | 628,020 | 4,401 | 632,421 |
| Total residential mortgage | 294,478 | 15,879 | 7,441 | 1,634,403 | 22,326 | 1,974,527 |
| Consumer: |  |  |  |  |  |  |
| Indirect automobile | - | - | - | 102,955 | 2,194 | 105,149 |
| Other consumer | 212,150 | 3,949 | 1,096 | 126,274 | 225 | 343,694 |
| Total consumer | 212,150 | 3,949 | 1,096 | 229,229 | 2,419 | 448,843 |
| Total | \$9,025,862 | \$160,547 | \$176,489 | \$ 1,882,048 | \$24,797 | \$11,269,743 |

- 88 -

The following table summarizes the Company's loan portfolio at June 30, 2011 by the risk grade categories (in thousands):

|  | Internally Risk Graded |  |  | Non-Graded |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Performing | Potential Problem | Nonaccrual | Performing | Nonaccrual | Total |
| Commercial: |  |  |  |  |  |  |
| Energy | \$ 1,705,073 | \$4,688 | \$345 | \$- | \$- | \$ 1,710,106 |
| Services | 1,675,545 | 33,490 | 16,254 | - | - | 1,725,289 |
| Wholesale/retail | 988,076 | 40,935 | 25,138 | - | - | 1,054,149 |
| Manufacturing | 360,221 | 2,827 | 4,366 | - | - | 367,414 |
| Healthcare | 846,790 | 2,992 | 5,962 | - | - | 855,744 |
| Integrated food services | 186,573 | 1,260 | - | - | - | 187,833 |
| Other commercial and industrial | 246,342 | 3,410 | 1,097 | 18,658 | 203 | 269,710 |
| Total commercial | 6,008,620 | 89,602 | 53,162 | 18,658 | 203 | 6,170,245 |
| Commercial real estate: |  |  |  |  |  |  |
| Construction and land development | 280,210 | 15,750 | 76,265 | - | - | 372,225 |
| Retail | 438,129 | 7,013 | 4,642 | - | - | 449,784 |
| Office | 459,507 | 14,751 | 11,473 | - | - | 485,731 |
| Multifamily | 323,964 | 5,860 | 4,717 | - | - | 334,541 |
| Industrial | 159,518 | 288 | - | - | - | 159,806 |
| Other commercial real estate | 351,640 | 21,038 | 13,266 | - | - | 385,944 |
| Total commercial real estate | 2,012,968 | 64,700 | 110,363 | - | - | 2,188,031 |
| Residential mortgage: |  |  |  |  |  |  |
| Permanent mortgage | 330,464 | 13,752 | 10,885 | 783,084 | 17,106 | 1,155,291 |
| Permanent mortgages guaranteed by U.S. government agencies | - | - | - | 134,458 | - | 134,458 |
| Home equity | - | - | - | 578,503 | 3,702 | 582,205 |
| Total residential mortgage | 330,464 | 13,752 | 10,885 | 1,496,045 | 20,808 | 1,871,954 |
| Consumer: |  |  |  |  |  |  |
| Indirect automobile | - | - | - | 159,771 | 2,729 | 162,500 |
| Other consumer | 215,056 | 3,245 | 1,921 | 124,493 | 99 | 344,814 |
| Total consumer | 215,056 | 3,245 | 1,921 | 284,264 | 2,828 | 507,314 |
| Total | \$8,567,108 | \$ 171,299 | \$ 176,331 | \$ 1,798,967 | \$23,839 | \$ 10,737,544 |

[^7]Impaired Loans
Loans are considered to be impaired when it is probable that the Company will not be able to collect all amounts due according to the contractual terms of the loan agreement.

A summary of risk-graded impaired loans follows (in thousands):


Consumer:

Indirect automobile

| Other consumer | 5,056 | 4,470 | 4,428 | 42 | 42 | 4,621 | - | 2,784 | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Total consumer | 5,056 | 4,470 | 4,428 | 42 | 42 | 4,621 | - | 2,784 | - |
| Total | $\$ 190,325$ | $\$ 126,317$ | $\$ 120,122$ | $\$ 6,195$ | $\$ 1,835$ | $\$ 143,379$ | $\$-$ | $\$ 151,407$ | $\$-$ |

Generally, no interest income is recognized on impaired loans until all principal balances, including amounts charged-off, have been recovered.

- 90 -

A summary of risk-graded impaired loans at December 31, 2011 follows (in thousands):
Recorded Investment

|  | Unpaid <br> Principal <br> Balance | Total | With No <br> Allowance | With <br> Allowance | Related <br> Allowance |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Commercial: | $\$ 336$ | $\$ 336$ | $\$ 336$ | $\$-$ | $\$-$ |
| Energy | 26,916 | 16,968 | 16,200 | 768 | 360 |
| Services | 24,432 | 21,180 | 19,702 | 1,478 | 1,102 |
| Wholesale/retail | 26,186 | 23,051 | 23,051 | - | - |
| Manufacturing | 6,825 | 5,486 | 5,412 | 74 | 74 |
| Healthcare | - | - | - | - | - |
| Integrated food services | 9,237 | 1,738 | 1,738 | - | - |
| Other commercial and industrial | 93,932 | 68,759 | 66,439 | 2,320 | 1,536 |
| Total commercial |  |  |  |  |  |
| Commercial real estate: | 98,053 | 61,874 | 56,740 | 5,134 | 1,777 |
| Construction and land development | 8,645 | 6,863 | 4,373 | 2,490 | 1,062 |
| Retail | 14,588 | 11,457 | 9,567 | 1,890 | 291 |
| Office | 3,512 | 3,513 | 3,513 | - | - |
| Multifamily | - | - | - | - | - |
| Industrial | 16,702 | 15,486 | 7,887 | 7,599 | 812 |
| Other real estate loans | 141,500 | 99,193 | 82,080 | 17,113 | 3,942 |
| Total commercial real estate |  |  |  |  |  |
| Residential mortgage: | 8,697 | 7,441 | 4,980 | 2,461 | 298 |
| Permanent mortgage | - | - | - | - | - |
| Home equity | 8,697 | 7,441 | 4,980 | 2,461 | 298 |
| Total residential mortgage |  |  |  |  |  |
| Consumer: | - | - | - | - | - |
| Indirect automobile | 1,727 | 1,096 | 1,096 | - | - |
| Other consumer | 1,727 | 1,096 | 1,096 | - | - |
| Total consumer | $\$ 245,856$ | $\$ 176,489$ | $\$ 154,595$ | $\$ 21,894$ | $\$ 5,776$ |
| Total |  |  |  |  |  |

A summary of risk-graded impaired loans follows (in thousands):


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- 92 -

Troubled Debt Restructurings
Troubled debt restructurings of internally risk graded impaired loans at June 30, 2012 were as follows (in thousands):

|  | As of June 30, 2012 |  |  |  | Amounts Charged-off During: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Recorded Investment | Performing in Accordance With Modified Terms | Not <br> Performing in Accordance With Modified Terms | Specific <br> Allowance | Three months ended June 30, 2012 | Six months <br> ended <br> June 30, $2012$ |
| Commercial: |  |  |  |  |  |  |
| Energy | \$- | \$- | \$- | \$- | \$- | \$- |
| Services | 2,700 | 1,381 | 1,319 | - | - | - |
| Wholesale/retail | 1,612 | 1,428 | 184 | 20 | - | - |
| Manufacturing | - | - | - | - | - | - |
| Healthcare | 77 | 77 | - | - | - | - |
| Integrated food services | - | - | - | - | - | - |
| Other commercial and industrial | 779 | - | 779 | - | - | - |
| Total commercial | 5,168 | 2,886 | 2,282 | 20 | - | - |
| Commercial real estate: |  |  |  |  |  |  |
| Construction and land development | 18,217 | 4,238 | 13,979 | 76 | 769 | 2,579 |
| Retail | 3,618 | 3,618 | - | - | - | - |
| Office | 3,387 | 2,489 | 898 | - | - | 269 |
| Multifamily | - | - | - | - | - | - |
| Industrial | - | - | - | - | - | - |
| Other real estate loans | 5,730 | 1,933 | 3,797 | 103 | - | 2,182 |
| Total commercial real estate | 30,952 | 12,278 | 18,674 | 179 | 769 | 5,030 |
| Residential mortgage: |  |  |  |  |  |  |
| Permanent mortgage | 4,646 | 4,327 | 319 | 54 | 121 | 145 |
| Home equity | - | - | - | - | - | - |
| Total residential mortgage | 4,646 | 4,327 | 319 | 54 | 121 | 145 |
| Consumer: |  |  |  |  |  |  |
| Indirect automobile | - | - | - | - | - | - |
| Other consumer | 3,502 | 3,502 | - | - | - | - |
| Total consumer | 3,502 | 3,502 | - | - | - | - |
| Total | \$44,268 | \$22,993 | \$21,275 | \$253 | \$890 | \$5,175 |

The financial impact of troubled debt restructurings primarily consist of specific allowances for credit losses and principal amounts charged off. Internally risk graded loans that have been modified in troubled debt restructurings generally remain classified as nonaccruing. Other financial impacts, such as foregone interest, are not material to the
financial statements.

In addition to risk graded loans discussed above, non-risk graded residential mortgage loans may be modified in troubled debt restructurings primarily consist of loans that are guaranteed by U.S. government agencies. At June 30, 2012, approximately $\$ 11$ million of the renegotiated residential mortgage loans are currently performing in accordance with the modified terms, $\$ 7.0$ million are 30 to 89 days past due and $\$ 10$ million are past due 90 days or more. Restructured residential mortgage loans guaranteed by agencies of the U.S. government in accordance with agency guidelines represent $\$ 25$ million of our $\$ 28$ million
portfolio of renegotiated loans. All renegotiated loans past due 90 days or more are guaranteed by U.S. government agencies.

Troubled debt restructurings of internally risk graded impaired loans at December 31, 2011 were as follows (in thousands):

|  | $\begin{array}{l}\text { As of } \\ \text { December 31, } 2011\end{array}$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $\begin{array}{l}\text { Recorded } \\ \text { Investment }\end{array}$ | $\begin{array}{l}\text { Performing } \\ \text { in Accordance With } \\ \text { Modified Terms }\end{array}$ | $\begin{array}{l}\text { Not } \\ \text { Performing in } \\ \text { Accordance With } \\ \text { Modified Terms }\end{array}$ | $\begin{array}{l}\text { Specific }\end{array}$ |
|  |  |  |  |  |
| Allowance |  |  |  |  |$]$

At December 31, 2011, approximately $\$ 13$ million of the renegotiated residential mortgage loans are currently performing in accordance with the modified terms, $\$ 5.8$ million are 30 to 89 days past due and $\$ 14$ million are past due 90 days or more. Restructured residential mortgage loans guaranteed by agencies of the U.S. government in accordance with agency guidelines represent $\$ 29$ million of our $\$ 33$ million portfolio of renegotiated loans. All renegotiated loans past due 90 days or more are guaranteed by U.S. government agencies.

Nonaccrual \& Past Due Loans
Past due status for all loan classes is based on the actual number of days since the last payment was due according to the contractual terms of the loans.

A summary of loans currently performing, loans past due and accruing and nonaccrual loans as of June 30, 2012 is as follows (in thousands):

| 为 | Current | Past Due 30 to 89 Days | 90 Days or More | Nonaccrual | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial: |  |  |  |  |  |
| Energy | \$2,272,989 | \$2,260 | \$- | \$3,087 | \$2,278,336 |
| Services | 1,917,655 | 3,705 | 37 | 10,123 | 1,931,520 |
| Wholesale/retail | 954,475 | 1,534 | - | 4,175 | 960,184 |
| Manufacturing | 350,647 | - | - | 12,230 | 362,877 |
| Healthcare | 1,005,538 | 180 | 100 | 3,310 | 1,009,128 |
| Integrated food services | 212,075 | 4,903 | - | - | 216,978 |
| Other commercial and industrial | 291,328 | 589 | - | 1,604 | 293,521 |
| Total commercial | 7,004,707 | 13,171 | 137 | 34,529 | 7,052,544 |
| Commercial real estate: |  |  |  |  |  |
| Construction and land development | 240,208 | 801 | - | 46,050 | 287,059 |
| Retail | 478,843 | 5,626 | - | 7,908 | 492,377 |
| Office | 373,278 | 525 | - | 10,589 | 384,392 |
| Multifamily | 358,204 | 742 | - | 3,219 | 362,165 |
| Industrial | 230,641 | 392 | - | - | 231,033 |
| Other real estate loans | 353,412 | 3,328 | - | 12,448 | 369,188 |
| Total commercial real estate | 2,034,586 | 11,414 | - | 80,214 | 2,126,214 |
| Residential mortgage: |  |  |  |  |  |
| Permanent mortgage | 1,107,610 | 15,130 | 495 | 18,136 | 1,141,371 |
| Permanent mortgages guaranteed by U.S. government agencies | 26,460 | 14,473 | 127,126 | - | 168,059 |
| Home equity | 688,821 | 2,211 | 44 | 4,591 | 695,667 |
| Total residential mortgage | 1,822,891 | 31,814 | 127,665 | 22,727 | 2,005,097 |
| Consumer: |  |  |  |  |  |
| Indirect automobile | 58,895 | 1,771 | 1 | 2,257 | 62,924 |
| Other consumer | 324,165 | 718 | 14 | 4,755 | 329,652 |
| Total consumer | 383,060 | 2,489 | 15 | 7,012 | 392,576 |
| Total | \$11,245,244 | \$58,888 | \$ 127,817 | \$144,482 | \$11,576,431 |

A summary of loans currently performing, loans past due and accruing and nonaccrual loans as of December 31, 2011 is as follows (in thousands):

|  | Current | Past Due 30 to 89 Days | 90 Days or More | Nonaccrual | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial: |  |  |  |  |  |
| Energy | \$2,003,192 | \$ 1,065 | \$448 | \$336 | \$2,005,041 |
| Services | 1,729,775 | 13,608 | 1,187 | 16,968 | 1,761,538 |
| Wholesale/retail | 945,776 | 470 | - | 21,180 | 967,426 |
| Manufacturing | 313,028 | 654 | - | 23,051 | 336,733 |
| Healthcare | 971,265 | 1,362 | 47 | 5,486 | 978,160 |
| Integrated food services | 204,306 | - | 5 | - | 204,311 |
| Other commercial and industrial | 298,105 | 1,966 | - | 1,790 | 301,861 |
| Total commercial | 6,465,447 | 19,125 | 1,687 | 68,811 | 6,555,070 |
| Commercial real estate: |  |  |  |  |  |
| Construction and land development | 278,901 | 1,279 | - | 61,874 | 342,054 |
| Retail | 502,167 | 372 | - | 6,863 | 509,402 |
| Office | 394,227 | 239 | - | 11,457 | 405,923 |
| Multifamily | 365,477 | 38 | - | 3,513 | 369,028 |
| Industrial | 278,186 | - | - | - | 278,186 |
| Other real estate loans | 367,643 | 3,444 | 137 | 15,486 | 386,710 |
| Total commercial real estate | 2,186,601 | 5,372 | 137 | 99,193 | 2,291,303 |
| Residential mortgage: |  |  |  |  |  |
| Permanent mortgage | 1,110,418 | 17,259 | 601 | 25,366 | 1,153,644 |
| Permanent mortgages guaranteed by U.S. government agencies | 20,998 | 12,163 | 155,301 | - | 188,462 |
| Home equity | 624,942 | 3,036 | 42 | 4,401 | 632,421 |
| Total residential mortgage | 1,756,358 | 32,458 | 155,944 | 29,767 | 1,974,527 |
| Consumer: |  |  |  |  |  |
| Indirect automobile | 98,345 | 4,581 | 29 | 2,194 | 105,149 |
| Other consumer | 340,087 | 2,286 | - | 1,321 | 343,694 |
| Total consumer | 438,432 | 6,867 | 29 | 3,515 | 448,843 |
| Total | \$ 10,846,838 | \$63,822 | \$ 157,797 | \$201,286 | \$ 11,269,743 |

[^8]A summary of loans currently performing, loans past due and accruing and nonaccrual loans as of June 30, 2011 is as follows (in thousands):

|  | Current | Past Due 30 to 89 Days | 90 Days or More | Nonaccrual | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial: |  |  |  |  |  |
| Energy | \$ 1,709,608 | \$153 | \$- | \$345 | \$1,710,106 |
| Services | 1,703,683 | 3,759 | 1,593 | 16,254 | 1,725,289 |
| Wholesale/retail | 1,027,827 | 697 | 487 | 25,138 | 1,054,149 |
| Manufacturing | 363,048 | - | - | 4,366 | 367,414 |
| Healthcare | 849,605 | 177 | - | 5,962 | 855,744 |
| Integrated food services | 187,833 | - | - | - | 187,833 |
| Other commercial and industrial | 268,161 | 192 | 57 | 1,300 | 269,710 |
| Total commercial | 6,109,765 | 4,978 | 2,137 | 53,365 | 6,170,245 |
| Commercial real estate: |  |  |  |  |  |
| Construction and land development | 293,627 | 2,333 | - | 76,265 | 372,225 |
| Retail | 442,231 | 2,911 | - | 4,642 | 449,784 |
| Office | 471,938 | 2,320 | - | 11,473 | 485,731 |
| Multifamily | 329,824 | - | - | 4,717 | 334,541 |
| Industrial | 159,422 | 384 | - | - | 159,806 |
| Other real estate loans | 370,110 | 2,393 | 175 | 13,266 | 385,944 |
| Total commercial real estate | 2,067,152 | 10,341 | 175 | 110,363 | 2,188,031 |
| Residential mortgage: |  |  |  |  |  |
| Permanent mortgage | 1,108,565 | 18,735 | - | 27,991 | 1,155,291 |
| Permanent mortgages guaranteed by U.S. government agencies | 8,426 | 3,728 | 122,304 | - | 134,458 |
| Home equity | 576,045 | 2,450 | 8 | 3,702 | 582,205 |
| Total residential mortgage | 1,693,036 | 24,913 | 122,312 | 31,693 | 1,871,954 |
| Consumer: |  |  |  |  |  |
| Indirect automobile | 152,496 | 7,256 | 19 | 2,729 | 162,500 |
| Other consumer | 341,761 | 1,031 | 2 | 2,020 | 344,814 |
| Total consumer | 494,257 | 8,287 | 21 | 4,749 | 507,314 |
| Total | \$ 10,364,210 | \$48,519 | \$ 124,645 | \$200,170 | \$10,737,544 |

- 97 -
(5) Mortgage Banking Activities

Residential Mortgage Loan Production
The Company originates, markets and services conventional and government-sponsored residential mortgage loans. Generally, conforming fixed-rate residential mortgage loans are held for sale in the secondary market and non-conforming and adjustable-rate residential mortgage loans are held for investment. All residential mortgage loans originated for sale by the Company are carried at fair value based on sales commitments and market quotes. Changes in the fair value of mortgage loans held for sale are included in Other operating revenue - Mortgage banking revenue. Residential mortgage loans held for sale also includes the fair value of residential mortgage loan commitments and forward sale commitments which are considered derivative contracts that have not been designated as hedging instruments. The volume of mortgage loans originated for sale and secondary market prices are the primary drivers of originating and marketing revenue.

Residential mortgage loan commitments are generally outstanding for 60 to 90 days, which represents the typical period from commitment to originate a residential mortgage loan to when the closed loan is sold to an investor. Residential mortgage loan commitments are subject to both credit and interest rate risk. Credit risk is managed through underwriting policies and procedures, including collateral requirements, which are generally accepted by the secondary loan markets. Exposure to interest rate fluctuations is partially managed through forward sales of residential mortgage-backed securities and forward sales contracts. These latter contracts set the price for loans that will be delivered in the next 60 to 90 days.

The unpaid principal balance of residential mortgage loans held for sale, notional amounts of derivative contracts related to residential mortgage loans commitments and forward contract sales and their related fair values included in Mortgage loans held for sale on the Consolidated Balance Sheets were (in thousands):

|  | June 30, 2012 |  | December 31, 2011 |  | June 30, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Unpaid |  | Unpaid |  | Unpaid |  |
|  | Principal <br> Balance/ <br> Notional | Fair Value | Principal <br> Balance/ <br> Notional | Fair Value | Principal Balance/ Notional | Fair Value |
| Residential mortgage loans held for sale | \$236,160 | \$247,893 | \$177,319 | \$184,816 | \$162,579 | \$167,300 |
| Residential mortgage loan commitments | 392,247 | 15,807 | 189,770 | 6,597 | 156,209 | 2,793 |
| Forward sales contracts | 605,856 | (4,526 | 349,447 | (3,288 ) | 302,526 | (484 |
|  |  | \$259,174 |  | \$188,125 |  | \$169,609 |

No residential mortgage loans held for sale were 90 days or more past due or considered impaired as of June 30, 2012, December 31, 2011 or June 30, 2011. No credit losses were recognized on residential mortgage loans held for sale for the three and six month periods ended June 30, 2012 and 2011.

Mortgage banking revenue was follows (in thousands):

Originating and marketing revenue:
Residential mortgages loan held for sale

| Three Months Ended |  | Six Months Ended |  |
| :---: | :---: | :---: | :---: |
| June 30, $2012$ | June 30, | $\text { June } 30 \text {, }$ $2012$ | June 30, <br> 2011 |
| \$27,706 | \$ 10,037 | \$44,798 | \$23,37 |


| Residential mortgage loan commitments | 6,900 | $(702$ | $)$ | 9,210 |
| :--- | :--- | :--- | :--- | :--- |
| Forward sales contracts | $(4,917$ | $)$ | 74 | $(1,238$ |
| $)$ | $(6,977$ |  |  |  |
| Total originating and marketing revenue | 29,689 | 9,409 | 52,770 | 16,938 |
| Servicing revenue | 9,859 | 9,947 | 19,856 | 19,774 |
| Total mortgage banking revenue | $\$ 39,548$ | $\$ 19,356$ | $\$ 72,626$ | $\$ 36,712$ |

Originating and marketing revenue includes gain (loss) on residential mortgage loans held for sale and changes in the fair value of derivative contracts not designated as hedging instruments related to residential mortgage loan commitments and forward sales contracts. Servicing revenue includes servicing fee income and late charges on loans serviced for others.

- 98 -


## Residential Mortgage Servicing

Mortgage servicing rights may be recognized when mortgage loans are originated pursuant to an existing plan for sale or, if no such plan exists, when the mortgage loans are sold. Mortgage servicing rights may also be purchased. Both originated or purchased mortgage servicing rights are initially recognized at fair value. The Company has elected to carry all mortgage servicing rights at fair value. Changes in the fair value are recognized in earnings as they occur. The unpaid principal balance of loans serviced for others is the primary driver of servicing revenue.

The following represents a summary of mortgage servicing rights (Dollars in thousands):

|  | June 30, | December 31, | June 30, |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 2012 | 2011 | 2011 |  |
|  | Number of residential mortgage loans serviced for others | 96,772 | 95,841 | 96,578 |
| Outstanding principal balance of residential mortgage loans | $\$ 11,564,643$ | $\$ 11,300,986$ | $\$ 11,283,442$ |  |
| serviced for others | 4.99 | $\%$ | 5.19 | $\%$ |
| Weighted average interest rate | 289 | 290 | 290 | $\%$ |
| Remaining term (in months) |  |  |  |  |

Activity in capitalized mortgage servicing rights during the three months ended June 30, 2012 is as follows (in thousands):

Balance at March 31, 2012
Purchased Originated Total
Additions, net
Change in fair value due to loan runoff
Change in fair value due to market changes
Balance, June 30, 2012

| $\$ 21,204$ | $\$ 76,934$ | $\$ 98,138$ |  |
| :--- | :--- | :--- | :--- |
| - | 9,275 | 9,275 |  |
| $(950$ | $)$ | $(3,230$ | $)$ |
| $(3,180$ | $)$ |  |  |
| $(3,893$ | $)$ | $(7,557$ | $)$ |
| $\$ 16,361$ | $\$ 75,422$ | $\$ 91,783$ | $)$ |

Activity in capitalized mortgage servicing rights during the six months ended June 30, 2012 is as follows (in thousands):

Balance, December 31, 2011
Additions, net
Change in fair value due to loan runoff
Change in fair value due to market changes
Balance, June 30, 2012

| Purchased | Originated | Total |  |
| :--- | :--- | :--- | :--- |
| $\$ 18,903$ | $\$ 67,880$ | $\$ 86,783$ |  |
| - | 17,647 | 17,647 |  |
| $(1,960$ | $)$ | $(6,364$ | $)$ |
| $(582$ | $)$ | $(3,741$ | $)$ |
| $\$ 16,361$ | $\$ 75,422$ | $\$ 91,783$ | $)$ |

Activity in capitalized mortgage servicing rights during the three months ended June 30, 2011 is as follows (in thousands):

Balance at March 31, 2011
Additions, net
Change in fair value due to loan runoff
Change in fair value due to market changes
Balance, June 30, 2011
$\left.\begin{array}{llll}\text { Purchased } & \text { Originated } & \text { Total } \\ \$ 38,343 & \$ 82,002 & \$ 120,345 \\ - & 5,798 & 5,798 \\ (1,218 & ) & (2,240 & ) \\ (4,259 & (9,458 & ) \\ \$ 32,866 & \$ 76,326 & (13,493 & \$ 109,192\end{array}\right)$

Activity in capitalized mortgage servicing rights during the six months ended June 30, 2011 is as follows (in thousands):

|  |  | Purchased | Originated |
| :--- | :--- | :--- | :--- |
| Batance, December 31, 2010 | $\$ 37,900$ | $\$ 77,823$ | $\$ 115,723$ |


| Additions, net | - | 10,767 | 10,767 |  |
| :--- | :--- | :--- | :--- | :--- |
| Change in fair value due to loan runoff | $(2,551$ | $)$ | $(4,383$ | $)$ |
| Change in fair value due to market changes | $(2,483$ | $)(7,881$ | $)(10,364)$ |  |
| Balance, June 30, 2011 | $\$ 32,866$ | $\$ 76,326$ | $\$ 109,192$ |  |

- 99 -

Changes in the fair value of mortgage servicing rights are included in Other operating expense in the Consolidated Statements of Earnings. Changes in fair value due to loan runoff are included in Mortgage banking costs. Changes in fair value due to market changes are reported separately. Changes in fair value due to market changes during the period relate to assets held at the reporting date.

There is no active market for trading in mortgage servicing rights after origination. Fair value is determined by discounting the projected net cash flows. Significant assumptions considered significant unobservable inputs used to determine fair value are:

Discount rate - risk-free rate plus a market premium
Prepayment rate - based upon loan interest rate, original term and loan type
Loan servicing costs - annually per loan based upon loan type
Escrow earnings rate - indexed to rates paid on deposit accounts with comparable average life

| June 30, 2012 | December 31, <br> 2011 | June 30, <br> $10.33 \%$ |
| :--- | :--- | :--- |
| $10.34 \%$ | $10.4 \%$ |  |
| $11.44 \%-53.10 \%$ | $10.88 \%-49.68 \%$ | $10.26 \%-38.37 \%$ |
| $\$ 55-\$ 105$ | $\$ 55-\$ 105$ | $\$ 55-\$ 105$ |
| $0.97 \%$ | $1.21 \%$ | $2.02 \%$ |

The Company is exposed to interest rate risk as benchmark residential mortgage interest rates directly affect the prepayment speeds used in valuing our mortgage servicing rights, which is partially managed through forward sales of residential mortgage-backed securities and forward sales contracts. A separate third party model is used to estimate prepayment speeds based on interest rates, housing turnover rates, estimated loan curtailment, anticipated defaults and other relevant factors. The prepayment model is updated daily for changes in market conditions and adjusted to better correlate with actual performance of BOK Financial's servicing portfolio.

Stratification of the residential mortgage loan servicing portfolio and outstanding principal of loans serviced for others by interest rate at June 30, 2012 follows (in thousands):

|  | $<5.00 \%$ | $5.00 \%$ |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\$ 56,00 \%-6.99$ | $>6.99 \%$ | Total |  |  |  |  |
| Fair value | $\$ 28,724$ | $\$ 5,152$ | $\$ 1,153$ | $\$ 91,783$ |  |  |  |
| Outstanding principal of loans | $\$ 5,976,173$ | $\$ 3,652,815$ | $\$ 1,558,553$ | $\$ 377,102$ | $\$ 11,564,643$ |  |  |
| serviced for others | $\%$ | $\%$ | 20.00 | $\%$ | 46.08 | $\%$ | 21.50 |

${ }^{1}$ Annual prepayment estimates based upon loan interest rate, original term and loan type
The interest rate sensitivity of our mortgage servicing rights and securities and derivative contracts held as an economic hedge is modeled over a range of $+/-50$ basis points. At June 30, 2012, a 50 basis point increase in mortgage interest rates is expected to increase the fair value of our mortgage servicing rights, net of economic hedge by $\$ 3.3$ million. A 50 basis point decrease in mortgage interest rates is expected to decrease the fair value of our mortgage servicing rights, net of economic hedge by $\$ 7.8$ million. In the model, changes in the value of servicing rights due to changes in interest rates assume stable relationships between residential mortgage rates and prepayment speeds. Changes in market conditions can cause variations from these assumptions. These factors and others may cause changes in the value of our mortgage servicing rights to differ from our expectations.

The aging status of our mortgage loans serviced for others by investor at June 30, 2012 follows (in thousands): Past Due

| Current | 30 to 59 <br> Days | 60 to 89 <br> Days | 90 Days or <br> More | Total |
| :--- | :--- | :--- | :--- | :--- |


| FHLMC | $\$ 5,000,735$ | $\$ 47,486$ | $\$ 13,663$ | $\$ 46,600$ | $\$ 5,108,484$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| FNMA | $1,961,099$ | 21,050 | 5,632 | 20,711 | $2,008,492$ |
| GNMA | $3,764,570$ | 129,482 | 34,188 | 27,953 | $3,956,193$ |
| Other | 464,850 | 9,930 | 3,056 | 13,638 | 491,474 |
| Total | $\$ 11,191,254$ | $\$ 207,948$ | $\$ 56,539$ | $\$ 108,902$ | $\$ 11,564,643$ |

The Company has off-balance sheet credit risk related to residential mortgage loans sold to U.S. government agencies with recourse prior to 2008 under various community development programs. These loans consist of first lien, fixed rate residential mortgage loans underwritten to standards approved by the agencies including full documentation and originated under programs available only for owner-occupied properties. However, these loans have a higher risk of delinquency and loss given

- 100 -
default than traditional residential mortgage loans. The Company no longer sells residential mortgage loans with recourse other than obligations under standard representations and warranties. The recourse obligation relates to loan performance for the life of the loan and the Company is obligated to repurchase the loan at the time of foreclosure for the unpaid principal balance plus unpaid interest. The principal balance of residential mortgage loans sold subject to recourse obligations totaled $\$ 241$ million at June 30, 2012, $\$ 259$ million at December 31, 2011 and $\$ 274$ million at June 30, 2011. A separate accrual for these off-balance sheet commitments is included in Other liabilities in the Consolidated Balance Sheets totaling $\$ 18$ million at June 30, 2012, $\$ 19$ million at December 31, 2011 and $\$ 18$ million at June 30, 2011. At June 30, 2012, approximately $5 \%$ of the loans sold with recourse with an outstanding principal balance of $\$ 12$ million were either delinquent more than 90 days, in bankruptcy or in foreclosure and $6 \%$ with an outstanding balance of $\$ 14$ million were past due 30 to 89 days. The provision for credit losses on loans sold with recourse is included in Mortgage banking costs in the Consolidated Statements of Earnings.

The activity in the allowance for losses on loans sold with recourse included in Other liabilities in the Consolidated Balance Sheets is summarized as follows (in thousands):

Beginning balance
Provision for recourse losses
Loans charged off, net
Ending balance


The Company also has off-balance sheet credit risk for residential mortgage loans sold to government sponsored entities due to standard representations and warranties made under contractual agreements. At June 30, 2012, we have unresolved deficiency requests from the agencies on 303 loans with an aggregate outstanding principal balance of $\$ 40$ million. At December 31, 2011, the Company had unresolved deficiency requests from the agencies on 247 loans with an aggregate principal balance of $\$ 37$ million. For the six months ended June 30, 2012, the Company has repurchased 30 loans for $\$ 3.0$ million from the agencies and provided indemnification for 3 loans for $\$ 58$ thousand. Losses incurred on these loans as of June 30, 2012 totaled $\$ 1.0$ million. The Company has established an accrual for credit losses related to potential loan repurchases under representations and warranties is included in Other liabilities in the Consolidated Balance Sheets and in Mortgage banking costs in the Consolidated Statement of Earnings. While the level of repurchases and indemnifications related to standard representations and warranties has remained low, the severity of the losses have trended higher. Accordingly, the Company increased its accrual for credit losses related to potential loan repurchases under representations and warranties to $\$ 5.0$ million at June 30, 2012. The accrual was $\$ 2.2$ million at December 31, 2011.
(6) Employee Benefits

BOK Financial has sponsored a defined benefit Pension Plan for all employees who satisfied certain age and service requirements. Pension Plan benefits were curtailed as of April 1, 2006. The Company recognized periodic pension expense of $\$ 1.0$ million and $\$ 1.2$ million for the three months ended June 30, 2012 and 2011, respectively, and $\$ 1.9$ million for each of the six months ended June 30, 2012 and 2011. The Company made no Pension Plan contributions during the six months ended June 30, 2012 and 2011.

Management has been advised that the maximum allowable contribution for 2012 is $\$ 28$ million. No minimum contribution is required for 2012.
(7) Commitments and Contingent Liabilities

Litigation Contingencies

In 2010, the Bank was named as a defendant in three class actions alleging that the manner in which the bank posted charges to its consumer deposit accounts was improper. These actions were consolidated and settled on November 23, 2011 in Multi-District Litigation pending in the United States District Court for the Southern District of Florida. The settlement is scheduled for approval by the Court on August 29, 2012. The settlement amount of $\$ 19$ million was paid to the plaintiff class pending

- 101 -

Court approval and had been fully accrued as of March 31, 2012.
In an opinion dated October 11, 2011, the Oklahoma Supreme Court invalidated, pursuant to a petition brought by certain taxpayers, a $\$ 7.1$ million settlement agreement between the Bank and the City of Tulsa ("the City"). The agreement settled claims asserted by the Bank against the City and against the Tulsa Airports Improvement Trust ("the Trust") related to a defaulted loan made by the Bank to a start-up airline. The Trust agreed to purchase the loan and its collateral from the Bank in the event of a default by the airline. As of June 30, 2012, the $\$ 7.1$ million settlement amount was included in the accrual for off-balance sheet credit risk. On July 18, 2012, the Company paid the $\$ 7.1$ million to the City and is pursuing its claims against the Trust.

As a member of Visa, BOK Financial is obligated for a proportionate share of certain covered litigation losses incurred by Visa under a retrospective responsibility plan. A contingent liability was recognized for the Company's share of Visa's covered litigation liabilities. Visa funded an escrow account to cover litigation claims, including covered litigation losses under the retrospective responsibility plan, with proceeds from its initial public offering in 2008 and from available cash.

BOK Financial currently owns 251,837 Visa Class B shares which are convertible into Visa Class A shares after the final settlement of all covered litigation. Class B shares may be diluted in the future if the escrow fund is not adequate to cover future covered litigation costs. Therefore, no value has been currently assigned to the Class B shares and no value may be assigned until the Class B shares are converted into a known number of Class A shares.

In July 2012, Visa announced it had reached an agreement in principle to resolve pending litigation and provide for settlement payments from the previously funded litigation escrow account. In conjunction with this agreement, Visa deposited an additional $\$ 150$ million to the litigation escrow account which reduced the exchange rate to approximately 0.4206 Class A shares for each Class B share.

In the ordinary course of business, BOK Financial and its subsidiaries are subject to legal actions and complaints. Management believes, based upon the opinion of counsel, that the actions and liability or loss, if any, resulting from the final outcomes of the proceedings, will not have a material effect on the Company's financial condition, results of operations or cash flows.

## Alternative Investment Commitments

The Company sponsors two private equity funds and invests in several tax credit entities and other funds as permitted by banking regulations. Consolidation of these investments is based on the variable interest model determined by the nature of the entity. Variable interest entities are generally defined as entities that either do not have sufficient equity to finance their activities without support from other parties or whose equity investors lack a controlling financial interest. Variable interest entities are consolidated based on the determination that the Company is the primary beneficiary including the power to direct the activities that most significantly impact the variable interest's economic performance and the obligation to absorb losses of the variable interest or the right to receive benefits of the variable interest that could be significant to the variable interest.

BOKF Equity, LLC, an indirect wholly-owned subsidiary, is the general partner of two consolidated private equity funds ("the Funds"). The Funds provide alternative investment opportunities to certain customers, some of which are related parties, through unaffiliated limited partnerships. These unaffiliated limited partnerships generally invest in distressed assets, asset buy-outs or venture capital companies. As general partner, BOKF Equity, LLC has the power to direct activities that most significantly affect the Funds' performance and contingent obligations to make additional investments totaling $\$ 10$ million at June 30, 2012. Substantially all of the obligations are offset by limited partner commitments. The Company does not accrue its contingent liability to fund investments. The Volcker Rule in Title VI
of the Dodd-Frank Act limits both the amount and structure of these type of investments. As a result, the Company's private equity activity might be curtailed.

Consolidated tax credit entities represent the Company's interest in entities earning federal new market tax credits related to qualifying loans for which the Company has the power to direct the activities that most significantly impact the variable interest's economic performance of the entity including being the primary beneficiary of or the obligation to absorb losses of the variable interest that could be significant to the variable interest.

The Company also has interests in various unrelated alternative investments generally consisting of unconsolidated limited partnership interest in or loans to entities for which investment return is in the form of tax credits or that invest in distressed real estate loans and properties, energy development, venture capital and other activities. The Company is prohibited by banking regulations from controlling or actively managing the activities of these investments and the Company's maximum exposure to loss is restricted to its investment balance. The Company's obligation to fund alternative investments is included in Other liabilities in the Consolidated Balance Sheets.

- 102 -

A summary of consolidated and unconsolidated alternative investments as of June 30, 2012, December 31, 2011 and June 30, 2011 is as follows (in thousands):

|  | June 30, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Loans | Other assets | Other <br> liabilities | Other borrowings | Non-controlling interest |
| Consolidated: |  |  |  |  |  |
| Private equity funds | \$- | \$31,492 | \$- | \$- | \$26,648 |
| Tax credit entities | 10,000 | 14,224 | - | 10,964 | 10,000 |
| Other | - | 7,031 | - | - | 139 |
| Total consolidated | \$10,000 | \$52,747 | \$- | \$10,964 | \$36,787 |
| Unconsolidated: |  |  |  |  |  |
| Tax credit entities | \$- | \$71,298 | \$39,510 | \$- | \$- |
| Other | - | 9,298 | 1,943 | - | - |
| Total unconsolidated | \$- | \$80,596 | \$41,453 | \$- | \$- |
|  | December 31, 2011 |  |  |  |  |
|  | Loans | Other assets | Other liabilities | Other borrowings | Non-controlling interest |
| Consolidated: |  |  |  |  |  |
| Private equity funds | \$- | \$30,902 | \$- | \$- | \$26,042 |
| Tax credit entities | 10,000 | 14,483 | - | 10,964 | 10,000 |
| Other | - | 7,206 | - | - | 143 |
| Total consolidated | \$10,000 | \$52,591 | \$- | \$10,964 | \$36,185 |
| Unconsolidated: |  |  |  |  |  |
| Tax credit entities | \$- | \$37,890 | \$16,084 | \$- | \$- |
| Other | - | 10,950 | 2,194 | - | - |
| Total unconsolidated | \$- | \$48,840 | \$18,278 | \$- | \$- |

June 30, 2011

|  | Loans | Other <br> assets | Other <br> liabilities | Other <br> borrowings | Non-controlling <br> interest |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Consolidated: <br> Private equity funds | $\$-$ | $\$ 30,991$ | $\$-$ | $\$-$ | $\$ 24,264$ |
| Tax credit entities | - | - | - | - | - |
| Other <br> Total consolidated | $\$-$ | 8,298 | - | - | 192 |
| Unconsolidated: | $\$ 39,289$ | $\$-$ | $\$-$ | $\$ 24,456$ |  |
| Tax credit entities <br> Other | $\$-$ | $\$ 25,684$ | $\$ 14,464$ | $\$-$ | $\$-$ |
| Total unconsolidated | - | 17,637 | 3,516 | - | - |

## Other Commitments and Contingencies

At June 30, 2012, Cavanal Hill Funds' assets included $\$ 1.1$ billion of U.S. Treasury, $\$ 935$ million of cash management and $\$ 430$ million of tax-free money market funds. Assets of these funds consist of highly-rated, short-term obligations of the U.S. Treasury, corporate issuers and U.S. states and municipalities. The net asset value of units in these funds was $\$ 1.00$ at June 30, 2012. An investment in these funds is not insured by the Federal Deposit Insurance Corporation or guaranteed by BOK Financial or any of its subsidiaries. BOK Financial may, but is not obligated to purchase assets from these funds to maintain the net asset value at $\$ 1.00$. No assets were purchased from the funds in 2012 or 2011.

Cottonwood Valley Ventures, Inc. ("CVV, Inc."), an indirectly wholly-owned subsidiary of BOK Financial, is being audited by the Oklahoma Tax Commission ("OTC") for tax years 2007 through 2009. CVV, Inc. is a qualified venture capital company under the applicable Oklahoma statute. As authorized by the statute, CVV, Inc. guarantees transferable Oklahoma state income tax credits by providing direct debt financing to private companies which qualify as statutory business ventures. Due to certain statutory limitations on utilization of such credits, CVV, Inc. must sell the majority of the credits to provide the economic incentives provided for by the statute. In the event that the OTC successfully disallows any of the credits, CVV, Inc. would be required to indemnify purchasers for the tax credits disallowed. Management does not anticipate that this audit will have a material adverse impact to the financial statements.

The Company agreed to guarantee rents totaling $\$ 28.7$ million through September of 2017 to the City as owner of a building immediately adjacent to the Bank's main office for space currently rented by third-party tenants in the building. All rent payments are current. Remaining guaranteed rents totaled $\$ 15.7$ million at June 30, 2012. Current leases expire or are subject to lessee termination options at various dates in 2013 and 2014. Our obligation under the agreement would be affected by lessee decisions to exercise these options. In return for this guarantee, the Company will receive $80 \%$ of net cash flow as defined in an agreement with the City through September 2017 from rental of space that was vacant at the inception of the agreement. The maximum amount that the Company may receive under this agreement is $\$ 4.5$ million.
(8) Shareholders' Equity

On July 31, 2012, the Board of Directors of BOK Financial approved a quarterly common stock dividend of $\$ 0.38$ per share. The quarterly dividend will be payable on or about August 31, 2012 to shareholders of record as of August 17, 2012.

Dividends declared during the three and six months ended June 30 , 2012 were $\$ 0.38$ per share and $\$ 0.71$ per share, respectively. Dividends declared during the three and six months ended June 30, 2011 were $\$ 0.275$ per share and $\$ 0.525$ per share, respectively.

Accumulated Other Comprehensive Income (Loss)
AOCI includes unrealized gains and losses on available for sale ("AFS") securities. Unrealized gain (loss) on AFS securities also includes non-credit related unrealized losses on AFS securities for which an other-than temporary impairment has been recorded in earnings. AOCI also includes unrealized gains on AFS securities that were transferred from AFS to investment securities in the third quarter of 2011. Such amounts will be amortized over the estimated remaining life of the security as an adjustment to yield, offsetting the related accretion of discount on the transferred securities. Unrealized losses on employee benefit plans will be reclassified into income as pension plan costs are recognized over the remaining service period of plan participants. Accumulated losses on the interest rate lock hedge of the 2005 subordinated debt issuance will be reclassified into income over the ten-year life of the debt. Gains and losses in AOCI are net of deferred income taxes.

A rollforward of the components of accumulated other comprehensive income (loss) is included as follows (in thousands):

|  | Unrealized Gain (Loss) on |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Available for Sale Securities | Investment Securities Transferred from AFS | Employee <br> Benefit Plans | Loss on Effective Cash Flow Hedges |  | Total |
| Balance, December 31, 2010 | \$122,494 | \$- | \$(13,777 | \$(878 | ) | \$ 107,839 |
| Net change in unrealized gains (losses) | 63,944 | - | (1 | - |  | 63,943 |
| Other-than-temporary impairment losses recognized in earnings | 9,423 | - | - | - |  | 9,423 |
| Reclassification adjustment for net (gains) losses realized and included in earnings | (10,370 | - | - | 156 |  | (10,214 |
| Income tax expense (benefit) | (24,676 | ) | - | (60 |  | (24,736 |
| Balance, June 30, 2011 | \$160,815 | \$- | \$(13,778 | \$(782 | ) | \$146,255 |
| Balance, December 31, 2011 | \$135,740 | \$6,673 | \$(12,742 | \$(692 | ) | \$128,979 |
| Net change in unrealized gains (losses) | 40,325 | - | (291 | - |  | 40,034 |
| Other-than-temporary impairment losses recognized in earnings | 4,580 | - | - | - |  | 4,580 |
| Amortization of unrealized gain on investments securities transferred from AFS | - | (3,421 | ) - | - |  | (3,421 |
| Reclassification adjustment for net(gains) losses realized and included in earnings | (24,812 ) | ) - | - | 331 |  | (24,481 |
| Income tax benefit (expense) | (7,816 ) | ) 1,331 | 113 | (129 | ) | (6,501 |
| Balance, June 30, 2012 | \$148,017 | \$4,583 | \$(12,920 | \$(490 | ) | \$139,190 |

- 105 -
(9) Earnings Per Share

| (In thousands, except share and per share amounts) | Three Month <br> June 30, <br> 2012 | Ended 2011 | Six Months June 30, 2012 | Ended 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Numerator: |  |  |  |  |
| Net income attributable to BOK Financial Corp. | \$97,628 | \$69,007 | \$181,243 | \$133,781 |
| Earnings allocated to participating securities | (977 | (559 | (1,716 | (1,020 |
| Numerator for basic earnings per share - income available to common shareholders | 96,651 | 68,448 | 179,527 | 132,761 |
| Effect of reallocating undistributed earnings of participating securities | 3 | 2 | 5 | 3 |
| Numerator for diluted earnings per share - income available to common shareholders | \$96,654 | \$68,450 | \$179,532 | \$132,764 |
| Denominator: |  |  |  |  |
| Weighted average shares outstanding | 68,152,242 | 68,451,428 | 68,214,648 | 68,419,699 |
| Less: Participating securities included in weighted average shares outstanding | (679,577 | (552,945 | (641,368 | (519,420 |
| Denominator for basic earnings per common share | 67,472,665 | 67,898,483 | 67,573,280 | 67,900,279 |
| Dilutive effect of employee stock compensation plans ${ }^{1}$ | 272,163 | 271,002 | 274,379 | 272,903 |
| Denominator for diluted earnings per common share | 67,744,828 | 68,169,485 | 67,847,659 | 68,173,182 |
| Basic earnings per share | \$ 1.43 | \$1.01 | \$2.66 | \$ 1.96 |
| Diluted earnings per share | \$1.43 | \$1.00 | \$2.65 | \$1.95 |
| ${ }^{1}$ Excludes employee stock options with exercise prices greater than current market price. | 366,407 | 785,686 | 361,558 | 771,343 |

- 106 -


## (10) Reportable Segments

Reportable segments reconciliation to the Consolidated Financial Statements for the three months ended June 30, 2012 is as follows (in thousands):

|  | Commercial |  | Consumer |  | Wealth <br> Management | Funds Management and Other |  | BOK <br> Financial Consolidated |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest revenue from external sources | \$93,360 |  | \$23,125 |  | \$7,137 | \$57,739 |  | \$181,361 |
| Net interest revenue (expense) from internal sources | (11,164 | ) | 5,885 |  | 5,306 | (27 | - | - |
| Net interest revenue | 82,196 |  | 29,010 |  | 12,443 | 57,712 |  | 181,361 |
| Provision for (reduction of ) allowances for credit losses | 748 |  | 4,221 |  | 521 | (13,490 | (8) | (8,000 |
| Net interest revenue after provision for (reduction of) allowances for credit losses | 81,448 |  | 24,789 |  | 11,922 | 71,202 |  | 189,361 |
| Other operating revenue | 52,158 |  | 75,200 |  | 51,556 | 8,121 |  | 187,035 |
| Other operating expense | 62,625 |  | 75,888 |  | 53,209 | 32,064 |  | 223,786 |
| Income before taxes | 70,981 |  | 24,101 |  | 10,269 | 47,259 |  | 152,610 |
| Federal and state income tax | 27,612 |  | 9,375 |  | 3,995 | 12,167 |  | 53,149 |
| Net income | 43,369 |  | 14,726 |  | 6,274 | 35,092 |  | 99,461 |
| Net income attributable to non-controlling interest | - |  | - |  | - | 1,833 |  | 1,833 |
| Net income attributable to BOK Financial Corp. | \$43,369 |  | \$14,726 |  | \$6,274 | \$33,259 |  | \$97,628 |
| Average assets | \$9,934,469 |  | \$5,695,019 |  | \$4,194,153 | \$5,714,876 |  | \$25,538,517 |
| Average invested capital | 862,816 |  | 289,443 |  | 176,704 | 1,539,770 |  | 2,868,733 |
| Performance measurements: |  |  |  |  |  |  |  |  |
| Return on average assets | 1.76 | \% | 1.04 | \% | 0.60 | \% |  | 1.54 \% |
| Return on average invested capital | 20.22 | \% | 20.46 | \% | 14.28 | \% |  | 13.69 \% |
| Efficiency ratio | 52.19 | \% | 69.07 | \% | 83.57 | \% |  | 62.45 |

[^9]Reportable segments reconciliation to the Consolidated Financial Statements for the six months ended June 30, 2012 is as follows (in thousands):

|  | Commercial | Consumer | Wealth <br> Management | Funds <br> Management <br> and Other | BOK <br> Financial <br> Consolidated |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Net interest revenue from external <br> sources | $\$ 182,698$ | $\$ 46,939$ | $\$ 14,277$ | $\$ 111,016$ | $\$ 354,930$ |

- 108 -

Reportable segments reconciliation to the Consolidated Financial Statements for the three months ended June 30, 2011 is as follows (in thousands):

|  | Commercial | Consumer | Wealth <br> Management | Funds <br> Management <br> and Other | BOK <br> Financial <br> Consolidated |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Net interest revenue from external <br> sources | $\$ 85,325$ | $\$ 21,358$ | $\$ 7,926$ | $\$ 59,392$ | $\$ 174,001$ |

- 109 -

Reportable segments reconciliation to the Consolidated Financial Statements for the six months ended June 30, 2011 is as follows (in thousands):

|  | Commercial | Consumer | Wealth <br> Management | Funds <br> Management <br> and Other | BOK <br> Financial <br> Consolidated |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Net interest revenue from external <br> sources | $\$ 168,583$ | $\$ 40,022$ | $\$ 16,150$ | $\$ 119,885$ | $\$ 344,640$ |

(11) Fair Value Measurements

Fair value is defined by applicable accounting guidance as the price to sell an asset or transfer a liability in an orderly transaction between market participants in the principal market for the given asset or liability at the measurement date based on market conditions at that date. Certain assets and liabilities are recorded in the Company's financial statements at fair value. Some are recorded on a recurring basis and some on a non-recurring basis.

For some assets and liabilities, observable market transaction and market information might be available. For other assets and liabilities, observable market transactions and market information might not be available. A hierarchy for fair value has been established which categorizes into three levels the inputs to valuation techniques used to measure fair value. The three levels are as follows:

Quoted Prices in Active Markets for Identical Assets or Liabilities (Level 1) - fair value is based on unadjusted quoted prices in active markets for identical assets or liabilities.

Significant Other Observable Inputs (Level 2) - Fair value is based on significant other observable inputs which are generally determined based on a single price for each financial instrument provided to us by an applicable third-party pricing service and is based on one or more of the following:

Quoted prices for similar, but not identical, assets or liabilities in active markets;
Quoted prices for identical or similar assets or liabilities in inactive markets;

- 110 -
- Inputs other than quoted prices that are observable, such as interest rate and yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates;
Other inputs derived from or corroborated by observable market inputs.

Significant Unobservable Inputs (Level 3) - Fair value is based upon model-based valuation techniques for which at least one significant assumption is not observable in the market.

Transfers between levels are recognized as of the end of the reporting period.
The underlying methods used by the third-party pricing services are considered in determining the primary inputs used to determine fair values. Management has evaluated the methodologies employed by the third-party pricing services by comparing the price provided by the pricing service with other sources, including brokers' quotes, sales or purchases of similar instruments and discounted cash flows to establish a basis for reliance on the pricing service values. Significant differences between the pricing service provided value and other sources are discussed with the pricing service to understand the basis for their values. Based on this evaluation, we determined that the results represent prices that would be received to sell assets or paid to transfer liabilities in orderly transactions in the current market.

Assets and Liabilities Measured at Fair Value on a Recurring Basis

The fair value of financial assets and liabilities that are measured on a recurring basis are as follows as of June 30, 2012 (in thousands):
$\left.\begin{array}{lllll} & & \begin{array}{l}\text { Quoted Prices } \\ \text { in Active }\end{array} & \begin{array}{l}\text { Significant } \\ \text { Other } \\ \text { Markets for }\end{array} & \begin{array}{l}\text { Significant } \\ \text { Unobservable } \\ \text { Inputs }\end{array} \\ \text { Inputs }\end{array}\right]$

| Derivative contracts, net of cash margin ${ }^{2}$ | 366,204 | 802 | 365,402 | - |
| :--- | :--- | :--- | :--- | :--- |
| Other assets - private equity funds | 31,492 | - | - | 31,492 |
| Liabilities: |  |  |  |  |
| Derivative contracts, net of cash margin |  |  |  |  |
| 1 A reconciliation of the beginning and ending fair value of mortgage servicing rights |  |  |  |  |
| assumptions used to determine fair value are presented in Note 5, Mortgage Banking Activities. |  |  |  |  |

The fair value of financial assets and liabilities that are measured on a recurring basis are as follows as of December 31, 2011 (in thousands):

Assets:
Trading securities
$\$ 76,800 \quad \$-\quad \$ 76,623 \quad \$ 177$
Available for sale securities:

| U.S. Treasury | 1,006 | 1,006 | - | - |
| :--- | :--- | :--- | :--- | :--- |
| Municipal and other tax-exempt | 68,837 | - | 26,484 | 42,353 |
| U.S. agency residential mortgage-backed securities | $9,588,177$ | - | $9,588,177$ | - |
| Privately issued residential mortgage-backed securities | 419,166 | - | 419,166 | - |
| Other debt securities | 36,495 | - | 30,595 | 5,900 |
| Perpetual preferred stock | 18,446 | - | 18,446 | - |
| Equity securities and mutual funds | 47,238 | 23,596 | 23,642 | - |
| Total available for sale securities | $10,179,365$ | 24,602 | $10,106,510$ | 48,253 |
|  |  |  |  |  |
| Fair value option securities | 651,226 | - | 651,226 | - |
| Residential mortgage loans held for sale | 188,125 | - | 188,125 | - |
| Mortgage servicing rights | 86,783 | - | - | 86,783 |
| Derivative contracts, net of cash margin 2 | 293,859 | 457 | 293,402 | - |
| Other assets - private equity funds | 30,902 | - | - | 30,902 |

Liabilities:
Derivative contracts, net of cash margin ${ }^{2}$
${ }_{1}$ A reconciliation of the beginning and ending fair value of mortgage servicing rights and disclosures of significant assumptions used to determine fair value are presented in Note 5, Mortgage Banking Activities.
${ }^{2}$ See Note 3 for detail of fair value of derivative contracts by contract type.

- 112 -

The fair value of financial assets and liabilities that are measured on a recurring basis are as follows as of June 30, 2011 (in thousands):

|  | Total | Quoted <br> Prices in <br> Active <br> Markets for <br> Identical <br> Instruments | Significant Other Observable Inputs | Significant Unobservable Inputs |
| :---: | :---: | :---: | :---: | :---: |
| Assets: |  |  |  |  |
| Trading securities | \$99,846 | \$2,327 | \$97,519 | \$- |
| Available for sale securities: |  |  |  |  |
| U.S. Treasury | 1,003 | 1,003 | - | - |
| Municipal and other tax-exempt | 70,210 | - | 26,552 | 43,658 |
| U.S. agency residential mortgage-backed securities | 8,893,789 | - | 8,893,789 | - |
| Privately issued residential mortgage-backed securities | 513,222 | - | 513,222 | - |
| Other debt securities | 5,893 | - | - | 5,893 |
| Perpetual preferred stock | 22,694 | - | 22,694 | - |
| Equity securities and mutual funds | 60,197 | 41,557 | 18,640 | - |
| Total available for sale securities | 9,567,008 | 42,560 | 9,474,897 | 49,551 |
| Fair value option securities | 553,231 | - | 553,231 | - |
| Residential mortgage loans held for sale | 169,609 | - | 169,609 | - |
| Mortgage servicing rights | 109,192 | - | - | 109,192 |
| Derivative contracts, net of cash margin ${ }^{2}$ | 229,887 | - | 229,887 | - |
| Other assets - private equity funds | 28,313 | - |  | 28,313 |
| Liabilities: |  |  |  |  |
| Derivative contracts, net of cash margin ${ }^{2}$ | 173,917 | - | 173,917 | - |

${ }_{1}$ A reconciliation of the beginning and ending fair value of mortgage servicing rights and disclosures of significant assumptions used to determine fair value are presented in Note 5, Mortgage Banking Activities.
${ }^{2}$ See Note 3 for detail of fair value of derivative contracts by contract type.
The following represents the changes for the three months ended June 30, 2012 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

Balance at March 31, 2012
Purchases and capital calls
Redemptions and distributions
Gain (loss) recognized in earnings:
Gain on other assets, net
Gain on available for sale securities, net
Other-than-temporary impairment losses
Other comprehensive gain (loss)
$\left.\begin{array}{lll}\begin{array}{l}\text { Available for Sale } \\ \text { Securities } \\ \text { Municipal }\end{array} & & \\ \text { and other } & \text { Other debt } & \begin{array}{l}\text { Other assets - } \\ \text { tax-exempt }\end{array} \\ \begin{array}{l}\text { securities }\end{array} & \begin{array}{l}\text { private } \\ \text { equity funds }\end{array} \\ -\quad \$ 1,977 & \$ 5,900 & \$ 30,993 \\ (363 & - & 820 \\ & (500 & ) \\ - & - & 2,559\end{array}\right)$

- 113 -

The following represents the changes for the six months ended June 30, 2012 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

Balance, December 31, 2011
Purchases and capital calls
Redemptions and distributions
Gain (loss) recognized in earnings:
Brokerage and trading revenue
Gain on other assets, net
Gain on securities, net
Other-than-temporary impairment losses
Other comprehensive (loss)
Balance, June 30, 2012
Available for Sale
Securities
$\left.\begin{array}{lll}\begin{array}{l}\text { Municipal } \\ \text { and other } \\ \text { tax-exempt }\end{array} & \begin{array}{l}\text { Other debt } \\ \text { securities }\end{array} & \begin{array}{l}\text { Other assets - } \\ \text { private } \\ \text { equity funds }\end{array} \\ \$ 42,353 & \$ 5,900 & \begin{array}{l}\$ 30,902 \\ 1,909\end{array} \\ (463 & - & (500\end{array}\right)(3,166)$

The following represents the changes for the three months ended June 30, 2011 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

Balance at March 31, 2011
Purchases, sales, issuances and settlements, net
Redemptions and distributions
Gain (loss) recognized in earnings
Brokerage and trading revenue
Gain (loss) on other assets, net
Gain on securities, net
Other-than-temporary impairment losses
Other comprehensive (loss)
Balance, June 30, 2011
Available for Sale
Securities

| Municipal <br> and other <br> tax-exempt | Other debt <br> securities | Other assets - <br> private <br> equity funds <br> $\$ 43,767$ |
| :--- | :--- | :--- |
| $\$ 5,899$ | $\$ 25,046$ <br> - | - |
| 746 |  |  |
| - | - | $(783$ |
| - | - | - |
| - | - | 3,304 |
| $(521$ | - | - |
| 412 | $(6$ | - |
| $\$ 43,658$ | $\$ 5,893$ | $\$ 28,313$ |

The following represents the changes for the six months ended June 30, 2011 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

Balance, December 31, 2010
Purchases, sales, issuances and settlements, net
Redemptions and distributions
Gain (loss) recognized in earnings
Brokerage and trading revenue
Gain (loss) on other assets, net
Available for Sale
$\left.\begin{array}{lll}\begin{array}{l}\text { Securities } \\ \text { Municipal } \\ \text { and other } \\ \text { tax-exempt }\end{array} & \begin{array}{l}\text { Other debt } \\ \$ 47,093\end{array} & \begin{array}{l}\text { Other assets - } \\ \text { securities } \\ \text { private } \\ \text { equity funds }\end{array} \\ 7,520 & - & \left.\begin{array}{l}\$ 25,436 \\ (9,975\end{array}\right) \\ (500 & 1,652 \\ (576 & )- & - \\ - & - & 3,4185\end{array}\right)$

Gain on securities, net
Other-than-temporary impairment losses
Other comprehensive (loss)
Balance, June 30, 2011

| 18 | - | - |
| :--- | :--- | :--- |
| $(521$ | $)-$ | - |
| 99 | $(7$ | $)$ |
| $\$ 43,658$ | $\$ 5,893$ | $\$ 28,313$ |

(7 ) -
$\$ 43,658 \quad \$ 5,893 \quad \$ 28,313$

- 114 -

Following is a description of the Company's valuation methodologies used for assets and liabilities measured on a recurring basis:
Securities
The fair values of trading, available for sale and fair value options securities are based on quoted prices for identical instruments in active markets, when available. If quoted prices for identical instruments are not available, fair values are based on significant other observable inputs such as quoted prices of comparable instruments or interest rates and credit spreads, yield curves, volatilities, prepayment speeds and loss severities.

The fair value of certain available for sale municipal and other debt securities may be based on significant unobservable inputs. These significant unobservable inputs include limited observed trades, projected cash flows, current credit rating of the issuers and, when applicable, the insurers of the debt and observed trades of similar debt. Discount rates are primarily based on reference to interest rate spreads on comparable securities of similar duration and credit rating as determined by the nationally recognized rating agencies adjusted for a lack of trading volume.

These securities may be either investment grade or below investment grade. As of June 30, 2012, taxable securities rated investment grade by all nationally recognized rating agencies are generally valued to yield $1.30 \%$ to $1.75 \%$. Average yields on comparable short-term taxable securities are generally less than $1 \%$. Tax-exempt securities rated investment grade by all nationally recognized rating agencies are generally valued to yield a range of $1.00 \%$ to $1.50 \%$, which represents a spread of 75 to 80 basis points over average yields of comparable tax-exempt securities as of June 30, 2012. The resulting estimated fair value of securities rated investment grade ranges from $98.88 \%$ to $99.49 \%$ of par value at June 30, 2012. The fair value of these securities is sensitive primarily to changes in interest rate spreads. At June 30, 2012, a 100 basis point increase in the spreads over average yields for comparable taxable and tax-exempt securities would result in an additional decrease in the fair value of these securities of $\$ 337$ thousand.

Approximately $\$ 13$ million of our municipal and other tax-exempt securities are rated below investment grade by at least one of the three nationally recognized rating agencies. The fair value of these securities was determined based on yields ranging from $6.20 \%$ to $9.16 \%$. These yields were determined using a spread of 600 basis points over comparable municipal securities of varying durations. The resulting estimated fair value of securities rated below investment grade ranges from $75.21 \%$ to $75.49 \%$ of par value as of June 30, 2012. The fair value of these municipal and other debt securities based on Significant Other Unobservable Inputs is primarily sensitive to changes in interest rate spreads. At June 30, 2012, a 100 basis point increase in the spread over average yields for comparable securities would result in an additional decrease in the fair value of these securities of $\$ 384$ thousand.

Taxable securities rated investment grade by all nationally recognized rating agencies were generally valued at par to yield $1.60 \%$ to $1.80 \%$ at December 31, 2011 and $1.69 \%$ to $1.75 \%$ at June 30, 2011. Average yields on comparable short-term taxable securities were less than $1 \%$ at both December 31, 2011 and June 30, 2011. Tax-exempt investment grade securities were valued to yield a range of $1.00 \%$ to $1.50 \%$ at December 31, 2011 and $1.05 \%$ to $1.35 \%$ at June 30 , 2011. This represents a spread of 75 to 80 basis points over average yields for comparable securities. The resulting estimated fair value of securities rated investment grade ranged from $98.79 \%$ to $100.00 \%$ of par at December 31, 2011 and $98.89 \%$ to $99.34 \%$ of par at June 30, 2011.

After other-than-temporary impairment charges, municipal and other tax-exempt securities rated below investment grade by at least one of the nationally recognized rating agencies totaled $\$ 13$ million at December 31, 2011 and $\$ 14$ million at June 30, 2011. These below investment grade municipal and other tax-exempt securities were valued based on a range of $6.25 \%$ to $9.58 \%$ at December 31, 2011 and $6.23 \%$ to $10.30 \%$ at June 30, 2011. This represented a spread of 600 basis points over comparable municipal securities of varying durations. The resulting estimated fair value of securities rated below investment grade ranged from $76.45 \%$ to $76.99 \%$ at December 31, 2011 and $82.66 \%$ to $82.83 \%$ of par value at June 30, 2011

## Derivatives

All derivative instruments are carried on the balance sheet at fair value. Fair values for exchange-traded contracts are based on quoted prices. Fair values for over-the-counter interest rate, commodity and foreign exchange contracts are based on valuations provided either by third-party dealers in the contracts, quotes provided by independent pricing services, or a third-party provided pricing model that use significant other observable market inputs.

Credit risk is considered in determining the fair value of derivative instruments. Management determines fair value adjustments based on various risk factors including but not limited to counterparty credit rating or equivalent loan grading, derivative contract notional size, price volatility of the underlying commodity, duration of the derivative contracts and expected loss

- 115 -
severity. Expected loss severity is based on historical losses for similarly risk-graded commercial loan customers. Decreases in counterparty credit rating or grading and increases in price volatility and expected loss severity all tend to increase the credit quality adjustment which reduces the fair value of asset contracts. The reduction in fair value is recognized in earnings during the current period.

We also consider our own credit risk in determining the fair value of derivative contracts. Changes in our credit rating would affect the fair value of our derivative liabilities. In the event of a credit downgrade, the fair value of our derivative liabilities would increase. The change in the fair value would be recognized in earnings in the current period.
Residential Mortgage Loans Held for Sale
Residential mortgage loans held for sale are carried on the balance sheet at fair value. The fair values of residential mortgage loans held for sale are based upon quoted market prices of such loans sold in securitization transactions, including related unfunded loan commitments.

Other Assets - Private Equity Funds
The fair value of the portfolio investments of the Company's two private equity funds are based upon net asset value reported by the underlying funds, as adjusted by the general partner when necessary to represent the price that would be received to sell the assets. Private equity fund assets are long-term, illiquid investments. No secondary market exists for these assets. They may only be realized through cash distributions from the underlying funds.

There were no transfers in or out of quoted prices in active markets for identical instruments, significant other observable inputs or significant unobservable input during the six months ended June 30, 2012 and 2011, respectively.

## Fair Value of Assets and Liabilities Measured on a Non-Recurring Basis

Assets measured at fair value on a non-recurring basis include pension plan assets, which are based on quoted prices in active markets for identical instruments, collateral for certain impaired loans and real property and other assets acquired to satisfy loans, which are based primarily on comparisons to completed sales of similar assets. In addition, goodwill impairment is evaluated based on the fair value of the Company's reporting units.

The following represents the carrying value of assets measured at fair value on a non-recurring basis (and related losses) during the period. The carrying value represents only those assets with a balance at June 30, 2012 for which the fair value was adjusted during the six months ended June 30, 2012:

Fair Value Adjustments for the
 2012 Recognized in:

Fair Value Adjustments for the six months ended June 30, 2012 Recognized in:

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quoted <br> Prices <br> in Active <br> Markets <br> for <br> Identical <br> Instrume | Significant Other Observable Inputs ts | Significant <br> Unobservable Inputs | Gross <br> charge-off <br> against <br> allowance <br> for loan <br> losses | Gross <br> ffsharge-offs against accrual for recourse loans | Net losses and expenses of repossessed assets, net | Gross <br> charge-off <br> against <br> allowance <br> for loan <br> losses | Gross <br> frharge-offs against accrual for recourse loans | Net losses and expenses of repossessed assets, net |
| Impaired loans | \$- | \$ 29,369 | \$ 2,881 | \$4,406 | \$ 311 | \$ - | \$10,826 | \$ 311 | \$ - |
| Real estate and other repossessed | - | 27,474 | 3,035 | - | - | 4,488 | - | - | 6,876 |

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assets

- 116 -

The following represents the carrying value of assets measured at fair value on a non-recurring basis (and related losses) during the period. he carrying value represents only those assets with a balance at June 30, 2011 for which the fair value was adjusted during the six months ended June 30, 2011:

Fair Value Adjustments for the Fair Value Adjustments for the
Carrying Value at June 30, $2011 \quad$ Three Months Ended June 30, Six Months Ended June 30, 2011 2011 Recognized in:

Recognized in:

|  | Quoted <br> Prices in Active Markets for Identical Instrumen | Significant Other Observable Inputs ts | Significant Unobservabl Inputs | Gross <br> charge-off <br> against <br> allowance <br> for loan <br> losses | Gross <br> ffsharge-offs against accrual for recourse loans | Net losses and expenses of repossessed assets, net | Gross charge-of against allowance for loan losses | Gross <br> ffsharge-offs against accrual for recourse loans | Net losses <br> and <br> expenses <br> of <br> repossessed <br> assets, net |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Impaired loans | \$- | \$ 17,949 | \$- | \$4,071 | \$ 146 | \$ - | \$4,719 | \$ 146 | \$ - |
| Real estate and other repossessed assets |  | 50,885 | - | - | - | 4,127 | - | - | 8,863 |

The fair value of collateral-dependent impaired loans and real estate and other repossessed assets and the related fair value adjustments are generally based on unadjusted third-party appraisals. Our appraisal review policies require appraised values to be supported by observed inputs derived principally from or corroborated by observable market data. Appraisals that are not based on observable inputs or that require significant adjustments or fair value measurements that are not based on third-party appraisals are considered to be based on significant unobservable inputs.

- 117 -

Fair Value of Financial Instruments
The following table presents the carrying values and estimated fair values of all financial instruments, including those financial assets and liabilities that are not measured and reported at fair value on a recurring basis or non-recurring basis as of June 30, 2012 (dollars in thousands):
$\left.\begin{array}{llllll} & \begin{array}{lll}\text { Carrying } \\ \text { Value }\end{array} & \begin{array}{l}\text { Range of } \\ \text { Contractual } \\ \text { Yields }\end{array} & \begin{array}{l}\text { Average } \\ \text { Re-pricing } \\ \text { (in years) }\end{array} & \begin{array}{l}\text { Discount } \\ \text { Rate }\end{array} & \begin{array}{l}\text { Estimated } \\ \text { Fair } \\ \text { Value } \\ \text { Cash and cash equivalents }\end{array} \\ \$ 639,263\end{array}\right)$

| Allowance for loan losses | $(231,669)$ |  | - |  |
| :--- | :--- | :--- | :--- | :--- |
| Net loans | $11,344,762$ |  |  | $91,546,094$ |
| Mortgage servicing rights | 91,783 |  |  | 366,204 |
| Derivative instruments with positive fair | 366,204 |  |  | 31,492 |
| value, net of cash margin |  |  |  | $15,157,587$ |
| Other assets - private equity funds | 31,492 |  | $0.92-$ | $3,175,687$ |
| Deposits with no stated maturity | $15,254,247$ |  | $1.31 \%$ |  |
| Time deposits | $3,107,950$ | $0.01-9.64 \%$ | 2.17 | $0.09-$ |
|  |  |  |  | $2.70 \%$ |
| Other borrowings | $2,648,753$ | $0.09-5.25 \%$ | - | 2.40 |
| Subordinated debentures | 353,378 | $1.16-5.00 \%$ | 4.02 | 350,813 |
| Derivative instruments with negative fair | 370,053 |  |  | 370,053 |
| value, net of cash margin |  |  |  |  |

- 118 -

The following table presents the carrying values and estimated fair values of all financial instruments, including those financial assets and liabilities that are not measured and reported at fair value on a recurring basis or non-recurring basis as of December 31, 2011 (dollars in thousands):

|  | Carrying <br> Value | Range of Contractual Yields | Average Re-pricing (in years) | Discount <br> Rate | Estimated <br> Fair <br> Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and cash equivalents | \$986,365 |  |  |  | \$986,365 |
| Trading securities | 76,800 |  |  |  | 76,800 |
| Investment securities: |  |  |  |  |  |
| Municipal and other tax-exempt | 128,697 |  |  |  | 133,670 |
| U.S. agency residential mortgage-backed securities | 121,704 |  |  |  | 120,536 |
| Other debt securities | 188,835 |  |  |  | 208,451 |
| Total investment securities | 439,236 |  |  |  | 462,657 |
| Available for sale securities: |  |  |  |  |  |
| U.S. Treasury | 1,006 |  |  |  | 1,006 |
| Municipal and other tax-exempt | 68,837 |  |  |  | 68,837 |
| U.S. agency residential mortgage-backed securities | 9,588,177 |  |  |  | 9,588,177 |
| Privately issued residential mortgage-backed securities | 419,166 |  |  |  | 419,166 |
| Other debt securities | 36,495 |  |  |  | 36,495 |
| Perpetual preferred stock | 18,446 |  |  |  | 18,446 |
| Equity securities and mutual funds | 47,238 |  |  |  | 47,238 |
| Total available for sale securities | 10,179,365 |  |  |  | 10,179,365 |
| Fair value option securities | 651,226 |  |  |  | 651,226 |
| Residential mortgage loans held for sale Loans: | 188,125 |  |  |  | 188,125 |
| Commercial | 6,571,454 | 0.25-30.00\% | 0.57 | $\begin{aligned} & 0.63- \\ & 3.85 \% \end{aligned}$ | 6,517,795 |
| Commercial real estate | 2,279,909 | 0.38-18.00\% | 1.26 | $\begin{aligned} & 0.28- \\ & 3.51 \% \end{aligned}$ | 2,267,375 |
| Residential mortgage | 1,970,461 | 0.38-18.00\% | 3.26 | $\begin{aligned} & 1.14- \\ & 3.70 \% \end{aligned}$ | 2,034,898 |
| Consumer | 447,919 | 0.38-21.00\% | 0.42 | $\begin{aligned} & 1.88- \\ & 3.88 \% \end{aligned}$ | 436,490 |
| Total loans | 11,269,743 |  |  |  | 11,256,558 |
| Allowance for loan losses | (253,481 ) |  |  |  | - |
| Net loans | 11,016,262 |  |  |  | 11,256,558 |
| Mortgage servicing rights | 86,783 |  |  |  | 86,783 |
| Derivative instruments with positive fair value, net of cash margin | 293,859 |  |  |  | 293,859 |
| Other assets - private equity funds | 30,902 |  |  |  | 30,902 |
| Deposits with no stated maturity | 15,380,598 |  |  |  | 15,380,598 |
| Time deposits | 3,381,982 | 0.01-9.64\% | 2.07 | $\begin{aligned} & 1.02- \\ & 1.43 \% \end{aligned}$ | 3,441,610 |


| Other borrowings | $2,370,867$ | $0.25-6.58 \%$ | - | $0.04-$ | $2.76 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Subordinated debentures | 398,881 | $5.19-5.82 \%$ | 1.44 | 3.29 | $\%$ |
| Derivative instruments with negative fair | 236,522 |  |  |  | 2,243 |
| value, net of cash margin |  |  |  |  | 236,522 |

- 119 -

The following table presents the carrying values and estimated fair values of all financial instruments, including those financial assets and liabilities that are not measured and reported at fair value on a recurring basis or non-recurring basis as of June 30, 2011 (dollars in thousands):

|  | Carrying <br> Value | Range of Contractual Yields | Average Re-pricing (in years) | Discount <br> Rate | Estimated <br> Fair <br> Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and cash equivalents | \$ 1,110,761 |  |  |  | \$ 1,110,761 |
| Trading securities | 99,846 |  |  |  | 99,846 |
| Investment securities: |  |  |  |  |  |
| Municipal and other tax-exempt | 160,870 |  |  |  | 165,449 |
| Other debt securities | 188,713 |  |  |  | 203,798 |
| Total investment securities | 349,583 |  |  |  | 369,247 |
| Available for sale securities: |  |  |  |  |  |
| U.S. Treasury | 1,003 |  |  |  | 1,003 |
| Municipal and other tax-exempt | 70,210 |  |  |  | 70,210 |
| U.S. agency residential mortgage-backed securities | 8,893,789 |  |  |  | 8,893,789 |
| Privately issued residential mortgage-backed securities | 513,222 |  |  |  | 513,222 |
| Other debt securities | 5,893 |  |  |  | 5,893 |
| Perpetual preferred stock | 22,694 |  |  |  | 22,694 |
| Equity securities and mutual funds | 60,197 |  |  |  | 60,197 |
| Total available for sale securities | 9,567,008 |  |  |  | 9,567,008 |
| Fair value option securities | 553,231 |  |  |  | 553,231 |
| Residential mortgage loans held for sale | 169,609 |  |  |  | 169,609 |

Loans:

| Commercial | 6,178,596 | 0.25-18.00\% | 0.60 | $\begin{aligned} & 0.72- \\ & 4.50 \% \end{aligned}$ | 6,085,941 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial real estate | 2,183,715 | 0.38-18.00\% | 1.18 | $\begin{aligned} & 0.28- \\ & 3.66 \% \end{aligned}$ | 2,134,950 |
| Residential mortgage | 1,867,997 | 0.38-18.00\% | 3.32 | $\begin{aligned} & 0.74- \\ & 4.31 \% \end{aligned}$ | 1,915,710 |
| Consumer | 507,236 | 0.38-21.00\% | 0.53 | $\begin{aligned} & 1.96- \\ & 3.74 \% \end{aligned}$ | 507,831 |
| Total loans | 10,737,544 |  |  |  | 10,644,432 |
| Allowance for loan losses | (286,611 ) |  |  |  | - |
| Net loans | 10,450,933 |  |  |  | 10,644,432 |
| Mortgage servicing rights | 109,192 |  |  |  | 109,192 |
| Derivative instruments with positive fair value, net of cash margin | 229,887 |  |  |  | 229,887 |
| Other assets - private equity funds | 28,313 |  |  |  | 28,313 |
| Deposits with no stated maturity | 13,951,177 |  |  |  | 13,951,177 |
| Time deposits | 3,634,700 | 0.01-9.64\% | 1.91 | $\begin{aligned} & 0.76- \\ & 1.45 \% \end{aligned}$ | 3,655,527 |
| Other borrowings | 2,962,759 | 0.07-6.58\% | - |  | 2,962,773 |


|  |  |  | $0.07-$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $2.65 \%$ |  |  |
| Subordinated debentures | 398,788 | $5.19-5.82 \%$ | 1.87 | 3.50 | $\%$ | 412,242 |
| Derivative instruments with negative fair |  |  |  |  |  |  |
| value, net of cash margin | 173,917 |  |  |  | 173,917 |  |

Because no market exists for certain of these financial instruments and management does not intend to sell these financial instruments, the fair values shown in the tables above may not represent values at which the respective financial instruments could be sold individually or in the aggregate at the given reporting date.

- 120 -

The following methods and assumptions were used in estimating the fair value of these financial instruments:

## Cash and Cash Equivalents

The book value reported in the consolidated balance sheet for cash and short-term instruments approximates those assets' fair values.

## Securities

The fair values of securities are generally based on Significant Other Observable Inputs such as quoted prices for comparable instruments or interest rates and credit spreads, yield curves, volatilities prepayment speeds and loss severities.

Loans

The fair value of loans, excluding loans held for sale, are based on discounted cash flow analyses using interest rates and credit and liquidity spreads currently being offered for loans with similar remaining terms to maturity and risk, adjusted for the impact of interest rate floors and ceilings which are classified as Significant Unobservable Inputs. The fair values of loans were estimated to approximate their discounted cash flows less loan loss allowances allocated to these loans of \$191 million at June 30, 2012, \$207 million at December 31, 2011 and $\$ 259$ million at June 30, 2011.

Deposits
The fair values of time deposits are based on discounted cash flow analyses using interest rates currently being offered on similar transactions which are considered Significant Unobservable Inputs. Estimated fair value of deposits with no stated maturity, which includes demand deposits, transaction deposits, money market deposits and savings accounts, is equal to the amount payable on demand. Although market premiums paid reflect an additional value for these low cost deposits, adjusting fair value for the expected benefit of these deposits is prohibited. Accordingly, the positive effect of such deposits is not included in the tables above.

## Other Borrowings and Subordinated Debentures

The fair values of these instruments are based upon discounted cash flow analyses using interest rates currently being offered on similar instruments which are considered Significant Unobservable Inputs

## Off-Balance Sheet Instruments

The fair values of commercial loan commitments are based on fees currently charged to enter into similar agreements, taking into account the remaining terms of the agreements. The fair values of these off-balance sheet instruments were not significant at June 30, 2012, December 31, 2011 or June 30, 2011.

## Fair Value Election

As more fully disclosed in Note 2 and Note 5 to the Consolidated Financial Statements, the Company has elected to carry all residential mortgage-backed securities which have been designated as economic hedges against changes in the fair value of mortgage servicing rights, certain corporate debt securities economically hedged by derivative contracts to manage interest rate risk and all residential mortgage loans originated for sale at fair value. Changes in the fair value of these financial instruments are recognized in earnings.

- 121 -
(12) Federal and State Income Taxes

The reconciliations of income (loss) attributable to continuing operations at the U.S. federal statutory tax rate to income tax expense are as follows (in thousands):


During the first quarter of 2012, the Internal Revenue Service completed an audit of the Company's federal income tax return for the year ended December 31, 2008 with no adjustments.
(13) Subsequent Events

The Company evaluated events from the date of the consolidated financial statements on June 30, 2012 through the issuance of those consolidated financial statements included in this Quarterly Report on Form 10-Q. No events were identified requiring recognition in and/or disclosure in the consolidated financial statements other than those previously discussed in Note 7.

Six-Month Financial Summary - Unaudited
Consolidated Daily Average Balances, Average Yields and Rates
(Dollars in Thousands, Except Per
Share Data)

|  | June 30, 2012 <br> Average <br> Balance | Revenue/ <br> Expense $^{1}$ |
| :--- | :--- | :--- |
|  |  |  |
| Assets | $\$ 15,286$ | $\$ 6$ |
| Funds sold and resell agreements | 119,532 | 994 |
| Trading securities |  |  |
| Investment securities | 296,709 | 8,716 |
| Taxable $^{3}$ | 126,878 | 3,010 |
| Tax-exempt $^{3}$ | 423,587 | 11,726 |
| Total investment securities |  |  |
| Available for sale securities | $9,941,938$ | 121,239 |
| Taxable | 77,315 | 1,836 |
| Tax-exempt ${ }^{3}$ | $10,019,253$ | 123,075 |
| Total available for sale securities ${ }^{3}$ | 445,599 | 5,798 |
| Fair value option securities | 186,842 | 3,552 |
| Residential mortgage loans held | $11,525,766$ | 260,458 |
| for sale | 247,571 |  |
| Loans ${ }^{2}$ | $11,278,195$ | 260,458 |
| Less: allowance for loan losses | $22,488,294$ | 405,609 |
| Loans, net of allowance | $3,039,256$ |  |
| Total earning assets ${ }^{3}$ | $\$ 25,527,550$ |  |
| Cash and other assets |  |  |

June 30, 2011

| Yield/ <br> Rate | Average <br> Balance | Revenue/ <br> Expense $^{1}$ | Yield/ <br> Rate |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0.08 | $\%$ | $\$ 14,714$ | $\$ 7$ | 0.10 | $\%$ |
| 1.67 | $\%$ | 70,494 | 1,159 | 3.32 | $\%$ |
|  |  |  |  |  |  |
| 5.91 | $\%$ | 168,902 | 5,145 | 6.14 | $\%$ |
| 4.89 | $\%$ | 179,621 | 4,314 | 4.85 | $\%$ |
| 5.61 | $\%$ | 348,523 | 9,459 | 5.48 | $\%$ |
|  |  |  |  |  |  |
| 2.50 | $\%$ | $9,393,136$ | 138,992 | 3.09 | $\%$ |
| 4.91 | $\%$ | 67,402 | 1,801 | 5.39 | $\%$ |
| 2.52 | $\%$ | $9,460,538$ | 140,793 | 3.10 | $\%$ |
| 2.72 | $\%$ | 457,917 | 8,473 | 4.14 | $\%$ |
| 3.82 | $\%$ | 130,211 | 2,844 | 4.40 | $\%$ |
| 4.54 | $\%$ | $10,667,329$ | 249,653 | 4.72 | $\%$ |
|  |  | 293,151 |  |  |  |
| 4.64 | $\%$ | $10,374,178$ | 249,653 | 4.85 | $\%$ |
| 3.66 | $\%$ | $20,856,575$ | 412,388 | 4.06 | $\%$ |
|  |  | $2,993,036$ |  |  |  |

\$23,849,611

| $\$ 9,049,819$ | $\$ 7,398$ | 0.16 | $\%$ | $\$ 9,407,130$ | $\$ 13,714$ | 0.29 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 250,414 | 289 | 0.23 | $\%$ | 207,192 | 390 | 0.38 | $\%$ |
| $3,189,291$ | 26,201 | 1.65 | $\%$ | $3,624,602$ | 33,098 | 1.84 | $\%$ |
| $12,489,524$ | 33,888 | 0.55 | $\%$ | $13,238,924$ | 47,202 | 0.72 | $\%$ |
| $1,538,984$ | 986 | 0.13 | $\%$ | 995,780 | 596 | 0.12 | $\%$ |
| $1,139,538$ | 530 | 0.09 | $\%$ | $1,033,127$ | 1,554 | 0.30 | $\%$ |
| 79,789 | 1,865 | 4.70 | $\%$ | 166,331 | 2,696 | 3.27 | $\%$ |
| 377,525 | 9,064 | 4.83 | $\%$ | 398,745 | 11,118 | 5.62 | $\%$ |
| $15,625,360$ | 46,333 | 0.60 | $\%$ | $15,832,907$ | 63,166 | 0.80 | $\%$ |
| $6,063,012$ |  |  |  | $4,410,625$ |  |  |  |
| 987,195 |  |  |  | 997,998 |  |  |  |
| $2,851,983$ |  |  |  | $2,608,081$ |  |  |  |
| $\$ 25,527,550$ |  |  | $\$ 23,849,611$ |  |  |  |  |


| 3.07 | $\%$ | $\$ 349,222$ | 3.26 | $\%$ |
| :--- | :--- | :--- | :--- | :--- |
| 3.25 | $\%$ |  | 3.43 | $\%$ |

Tax-equivalent Net Interest
Revenue to Earning Assets ${ }^{3}$

| Less tax-equivalent adjustment $^{1}$ | 4,346 | 4,582 |
| :--- | :--- | :--- |
| Net Interest Revenue | 354,930 | 344,640 |
| Provision for (reduction of) | $(8,000 \quad)$ | 8,950 |
| allowance for credit losses | 327,416 | 260,538 |
| Other operating revenue | 409,023 | 381,658 |
| Other operating expense | 281,323 | 214,570 |
| Income before taxes | 98,669 | 78,109 |
| Federal and state income tax | 182,654 | 136,461 |
| Net income before non-controlling <br> interest | 1,411 | 2,680 |
| Net income attributable to <br> non-controlling interest | $\$ 181,243$ | $\$ 133,781$ |
| Net income attributable to BOK <br> Financial Corp. |  |  |

Earnings Per Average Common
Share Equivalent:
Net income:
Basic \$2.66 \$1.96

Diluted
\$2.65
\$1.95

1. Tax equivalent at the statutory federal and state rates for the periods presented. The taxable equivalent adjustments shown are for comparative purposes.
2. The loan averages included loans on which the accrual of interest has been discontinued and are stated net of unearned income.
3. Yield calculations exclude security trades that have been recorded on trade date with no corresponding interest income.

- 123 -

Quarterly Financial Summary - Unaudited
Consolidated Daily Average Balances, Average Yields and Rates (In Thousands, Except Per Share Data)

| Assets |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Funds sold and resell agreements | \$19,187 | \$4 | 0.08 | \% | \$11,385 | \$2 | 0.07 | \% |
| Trading securities | 143,770 | 548 | 1.53 | \% | 95,293 | 446 | 1.88 | \% |
| Investment securities |  |  |  |  |  |  |  |  |
| Taxable ${ }^{3}$ | 290,557 | 4,282 | 5.93 | \% | 302,861 | 4,434 | 5.89 | \% |
| Tax-exempt ${ }^{3}$ | 125,727 | 1,461 | 4.90 | \% | 128,029 | 1,549 | 4.87 | \% |
| Total investment securities | 416,284 | 5,743 | 5.63 | \% | 430,890 | 5,983 | 5.59 | \% |
| Available for sale securities |  |  |  |  |  |  |  |  |
| Taxable ${ }^{3}$ | 10,007,368 | 61,583 | 2.52 | \% | 9,876,508 | 59,656 | 2.48 | \% |
| Tax-exempt ${ }^{3}$ | 83,911 | 943 | 4.69 | \% | 70,719 | 893 | 5.17 | \% |
| Total available for sale securities ${ }^{3}$ | 10,091,279 | 62,526 | 2.54 | \% | 9,947,227 | 60,549 | 2.50 | \% |
| Fair value option securities | 335,965 | 2,311 | 2.62 | \% | 555,233 | 3,487 | 2.79 | \% |
| Residential mortgage loans held for sale | 191,311 | 1,784 | 3.75 | \% | 182,372 | 1,768 | 3.90 | \% |
| Loans ${ }^{2}$ | 11,614,722 | 132,391 | 4.58 | \% | 11,436,811 | 128,067 | 4.50 | \% |
| Less allowance for loan losses | 242,605 |  |  |  | 252,538 |  |  |  |
| Loans, net of allowance | 11,372,117 | 132,391 | 4.68 | \% | 11,184,273 | 128,067 | 4.61 | \% |
| Total earning assets ${ }^{3}$ | 22,569,913 | 205,307 | 3.69 | \% | 22,406,673 | 200,302 | 3.64 | \% |
| Cash and other assets | 2,968,604 |  |  |  | 3,109,910 |  |  |  |
| Total assets | \$25,538,517 |  |  |  | \$25,516,583 |  |  |  |
| Liabilities and equity |  |  |  |  |  |  |  |  |
| Interest-bearing deposits: |  |  |  |  |  |  |  |  |
| Transaction | \$8,779,659 | \$3,572 | 0.16 | \% | \$9,319,978 | \$3,826 | 0.17 | \% |
| Savings | 259,386 | 147 | 0.23 | \% | 241,442 | 142 | 0.24 | \% |
| Time | 3,132,220 | 12,671 | 1.63 | \% | 3,246,362 | 13,530 | 1.68 | \% |
| Total interest-bearing deposits | 12,171,265 | 16,390 | 0.54 | \% | 12,807,782 | 17,498 | 0.55 | \% |
| Funds purchased | 1,740,354 | 674 | 0.16 | \% | 1,337,614 | 312 | 0.09 | \% |
| Repurchase agreements | 1,095,298 | 265 | 0.10 | \% | 1,183,778 | 265 | 0.09 | \% |
| Other borrowings | 86,667 | 853 | 3.96 | \% | 72,911 | 1,012 | 5.58 | \% |
| Subordinated debentures | 357,609 | 3,512 | 3.95 | \% | 397,440 | 5,552 | 5.62 | \% |
| Total interest-bearing liabilities | 15,451,193 | 21,694 | 0.56 | \% | 15,799,525 | 24,639 | 0.63 | \% |
| Non-interest bearing demand deposits | 6,278,342 |  |  |  | 5,847,682 |  |  |  |
| Other liabilities | 940,249 |  |  |  | 1,034,143 |  |  |  |
| Total equity | 2,868,733 |  |  |  | 2,835,233 |  |  |  |
| Total liabilities and equity | \$25,538,517 |  |  |  | \$25,516,583 |  |  |  |
| Tax-equivalent Net Interest Revenue ${ }^{3}$ |  | \$183,613 | 3.13 | \% |  | \$ 175,663 | 3.01 | \% |


| Tax-equivalent Net Interest Revenue to Earning Assets ${ }^{3}$ |  | 3.30 | \% |  | 3.19 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Less tax-equivalent adjustment ${ }^{1}$ | 2,252 |  |  | 2,094 |  |
| Net Interest Revenue | 181,361 |  |  | 173,569 |  |
| Provision for (reduction of ) allowance for credit losses | (8,000 | ) |  | - |  |
| Other operating revenue | 187,035 |  |  | 140,381 |  |
| Other operating expense | 223,786 |  |  | 185,237 |  |
| Income before taxes | 152,610 |  |  | 128,713 |  |
| Federal and state income tax | 53,149 |  |  | 45,520 |  |
| Net income before non-controlling interest | 99,461 |  |  | 83,193 |  |
| Net income (loss) attributable to non-controlling interest | 1,833 |  |  | (422 | ) |
| Net income attributable to BOK Financial Corp. | \$97,628 |  |  | \$83,615 |  |
| Earnings Per Average Common Share Equivalent: Net income: |  |  |  |  |  |
| Basic | \$1.43 |  |  | \$1.22 |  |
| Diluted | \$1.43 |  |  | \$1.22 |  |

1. Tax equivalent at the statutory federal and state rates for the periods presented. The taxable equivalent adjustments shown are for comparative purposes.
2. The loan averages included loans on which the accrual of interest has been discontinued and are stated net of unearned income.
3. Yield calculations exclude security trades that have been recorded on trade date with no corresponding interest income.

- 124 -

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Three Months Ended
December 31, 2011


| \$12,035 | \$3 | 0.10 | \% | \$ 12,344 | \$5 | 0.16 | \% | \$8,814 | \$3 | 0.14 | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 97,972 | 689 | 2.79 | \% | 88,576 | 637 | 2.85 | \% | 80,113 | 584 | 2.92 | \% |
| 314,217 | 4,677 | 5.91 | \% | 194,371 | 2,759 | 5.63 | \% | 183,084 | 2,800 | 6.13 | \% |
| 129,109 | 1,565 | 4.81 | \% | 135,256 | 1,683 | 4.94 | \% | 174,614 | 2,100 | 4.82 | \% |
| 443,326 | 6,242 | 5.59 | \% | 329,627 | 4,442 | 5.35 | \% | 357,698 | 4,900 | 5.49 | \% |
| 9,845,351 | 54,839 | 2.36 | \% | 9,586,411 | 66,040 | 2.82 | \% | 9,473,401 | 69,978 | 3.02 | \% |
| 69,172 | 896 | 5.14 | \% | 70,181 | 870 | 4.92 | \% | 70,081 | 894 | 5.12 | \% |
| 9,914,523 | 55,735 | 2.38 | \% | 9,656,592 | 66,910 | 2.83 | \% | 9,543,482 | 70,872 | 3.04 | \% |
| 660,025 | 4,877 | 2.98 | \% | 594,629 | 5,299 | 3.66 | \% | 518,073 | 5,243 | 4.42 | \% |
| 201,242 | 2,032 | 4.01 | \% | 156,621 | 1,616 | 4.09 | \% | 134,876 | 1,505 | 4.48 | \% |
| 11,152,315 | 130,736 | 4.65 | \% | 10,872,805 | 129,073 | 4.71 | \% | 10,680,755 | 124,871 | 4.69 | \% |
| 266,473 |  |  |  | 285,570 |  |  |  | 291,308 |  |  |  |
| 10,885,842 | 130,736 | 4.76 | \% | 10,587,235 | 129,073 | 4.84 | \% | 10,389,447 | 124,871 | 4.82 | \% |
| 22,214,965 | 200,314 | 3.69 | \% | 21,425,624 | 207,982 | 3.91 | \% | 21,032,503 | 207,978 | 4.01 | \% |
| 3,422,475 |  |  |  | 3,196,114 |  |  |  | 2,946,732 |  |  |  |
| \$25,637,440 |  |  |  | \$24,621,738 |  |  |  | \$23,979,235 |  |  |  |


| $\$ 9,276,608$ | $\$ 4,213$ | 0.18 | $\%$ | $\$ 9,310,046$ | $\$ 5,488$ | 0.23 | $\%$ | $\$ 9,184,141$ | $\$ 6,130$ | 0.27 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 220,236 | 146 | 0.26 | $\%$ | 214,979 | 183 | 0.34 | $\%$ | 210,707 | 203 | 0.39 | $\%$ |
| $3,485,059$ | 14,922 | 1.70 | $\%$ | $3,617,731$ | 16,736 | 1.84 | $\%$ | $3,632,130$ | 16,827 | 1.86 | $\%$ |
| $12,981,903$ | 19,281 | 0.59 | $\%$ | $13,142,756$ | 22,407 | 0.68 | $\%$ | $13,026,978$ | 23,160 | 0.71 | $\%$ |
| $1,197,154$ | 186 | 0.06 | $\%$ | 994,099 | 135 | 0.05 | $\%$ | $1,168,670$ | 276 | 0.09 | $\%$ |
| $1,189,861$ | 404 | 0.13 | $\%$ | $1,128,275$ | 495 | 0.17 | $\%$ | $1,004,217$ | 513 | 0.20 | $\%$ |
| 88,489 | 1,059 | 4.75 | $\%$ | 128,288 | 1,701 | 5.26 | $\%$ | 187,441 | 2,226 | 4.76 | $\%$ |
| 398,858 | 5,640 | 5.61 | $\%$ | 398,812 | 5,627 | 5.60 | $\%$ | 398,767 | 5,541 | 5.57 | $\%$ |
| $15,856,265$ | 26,570 | 0.66 | $\%$ | $15,792,230$ | 30,365 | 0.76 | $\%$ | $15,786,073$ | 31,716 | 0.81 | $\%$ |
| $5,588,596$ |  |  | $5,086,538$ |  |  | $4,554,000$ |  |  |  |  |  |
| $1,422,092$ |  |  | $1,004,564$ |  |  | 988,273 |  |  |  |  |  |
| $2,770,487$ |  |  | $2,738,406$ |  |  | $2,650,889$ |  |  |  |  |  |
| $\$ 25,637,440$ |  |  | $\$ 24,621,738$ |  | $\$ 177,617$ | 3.15 | $\%$ | $\$ 23,979,235$ |  | $\$ 176,262$ | 3.20 |
|  | $\$ 173,744$ | 3.03 | $\%$ |  |  | 3.34 | $\%$ |  |  | 3.40 | $\%$ |
|  |  | 3.20 | $\%$ |  | 2,233 |  |  |  | 2,261 |  |  |
|  | 2,274 |  |  | 175,384 |  |  |  | 174,001 |  |  |  |
|  | 171,470 |  |  | - | 173,977 |  |  |  | 142,700 |  |  |
|  | 15,000 |  |  | 220,896 |  |  |  | 203,209 |  |  |  |
|  | 138,027 |  |  | 128,465 |  |  |  | 111,052 |  |  |  |
|  | 219,197 |  |  | 43,006 |  |  |  | 39,357 |  |  |  |
|  | 105,300 |  |  | 85,459 |  |  |  | 71,695 |  |  |  |
|  | 37,396 |  |  | 358 |  |  |  | 2,688 |  |  |  |


| $\$ 66,993$ | $\$ 85,101$ | $\$ 69,007$ |
| :--- | :--- | :--- |
|  |  |  |
| $\$ 0.98$ | $\$ 1.24$ | $\$ 1.01$ |
| $\$ 0.98$ | $\$ 1.24$ | $\$ 1.00$ |

- 125 -

Quarterly Earnings Trends - Unaudited
(In thousands, except share and per share data)

Interest revenue
Interest expense
Net interest revenue
Provision for (reduction of) allowance for credit losses
Net interest revenue after provision for
(reduction of) credit losses
Other operating revenue
Brokerage and trading revenue
Transaction card revenue
Trust fees and commissions
Deposit service charges and fees
Mortgage banking revenue
Bank-owned life insurance
Other revenue
Total fees and commissions
Gain (loss) on other assets, net
Gain (loss) on derivatives, net
Gain (loss) on fair value option securities, net
Gain on available for sale securities, net
Total other-than-temporary impairment losses
Portion of loss reclassified from other
comprehensive income
Net impairment losses recognized in
earnings
Total other operating revenue
Other operating expense
Personnel
Business promotion
Contribution to BOKF Charitable
Foundation
Professional fees and services
Net occupancy and equipment
Insurance
Data processing and communications
Printing, postage and supplies
Net losses and operating expenses of repossessed assets
Amortization of intangible assets
Mortgage banking costs

Three Months Ended

| June 30, <br> 2012 | March 31, <br> 2012 | December <br> 2011 | September 30, <br> 2011 | June 30, <br>  <br>  <br>  <br> $\$ 203,055$ |
| :--- | :--- | :--- | :--- | :--- |
| $\$ 198,208$ | $\$ 198,040$ | $\$ 205,749$ | $\$ 205,717$ |  |
| 21,694 | 24,639 | 26,570 | 30,365 | 31,716 |
| 181,361 | 173,569 | 171,470 | 175,384 | 174,001 |
| $(8,000$ | - | $(15,000$ | - | 2,700 |

189,361 173,569 186,470 175,384 171,301

| 32,600 | 31,111 | 25,629 | 29,451 | 23,725 |
| :--- | :--- | :--- | :--- | :--- |
| 26,758 | 25,430 | 25,960 | 31,328 | 31,024 |
| 19,931 | 18,438 | 17,865 | 17,853 | 19,150 |
| 25,216 | 24,379 | 24,921 | 24,614 | 23,857 |
| 39,548 | 33,078 | 25,438 | 29,493 | 19,356 |
| 2,838 | 2,871 | 2,784 | 2,761 | 2,872 |
| 7,559 | 9,027 | 9,189 | 10,535 | 7,842 |
| 154,450 | 144,334 | 131,786 | 146,035 | 127,826 |
| 3,765 | $(356$ | $)$ | 1,897 | 712 |
| 2,345 | $(2,473$ | $)$ | $(174$ | $) 4,048$ |
| 6,852 | $(1,733$ | $)$ | 222 | 17,788 |
| 20,481 | 4,331 | 7,080 | 16,694 | 9,225 |
| $(135$ | $(505$ | $)(1,037$ | $)(9,467$ | 5,468 |
|  |  |  |  | $(74$ |

(723 ) (3,217 ) (1,747 ) (1,833 ) (4,750 )
(858 ) (3,722 ) (2,784 ) (11,300 ) (4,824 )

| 187,035 | 140,381 | 138,027 | 173,977 | 142,960 |
| :--- | :--- | :--- | :--- | :--- |

122,297 114,769 121,129 103,260 105,603

6,746

| - | - | - | 4,000 | - |
| :--- | :--- | :--- | :--- | :--- |
| 8,343 | 7,599 | 7,664 | 7,418 | 6,258 |
| 16,906 | 16,023 | 16,826 | 16,627 | 15,554 |
| 4,011 | 3,866 | 3,636 | 2,206 | 4,771 |
| 25,264 | 22,144 | 26,599 | 24,446 | 24,428 |
| 3,903 | 3,311 | 3,637 | 3,780 | 3,586 |
| 5,912 | 2,245 | 6,180 | 5,939 | 5,859 |
| 545 | 575 | 895 | 896 | 896 |
| 11,173 | 7,573 | 10,154 | 9,349 | 8,968 |


| Change in fair value of mortgage servicing | 11,450 | $(7,127$ | $)$ | 5,261 | 24,822 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| rights | 7,236 | 9,871 | 11,348 | 12,873 | 9,016 |
| Other expense | 223,786 | 185,237 | 219,197 | 220,896 | 203,209 |
| Total other operating expense | 152,610 | 128,713 | 105,300 | 128,465 | 111,052 |
| Income before taxes | 53,149 | 45,520 | 37,396 | 43,006 | 39,357 |
| Federal and state income tax | 99,461 | 83,193 | 67,904 | 85,459 | 71,695 |
| Net income before non-controlling interest | 1,833 | $(422$ | $) 911$ | 358 | 2,688 |
| Net income (loss) attributable to <br> non-controlling interest |  |  |  |  |  |
| Net income attributable to BOK Financial <br> Corp. | $\$ 97,628$ | $\$ 83,615$ | $\$ 66,993$ | $\$ 85,101$ | $\$ 69,007$ |
| Earnings per share: |  |  |  |  |  |
| Basic |  |  |  |  |  |
| Diluted <br> Average shares used in computation: | $\$ 1.43$ | $\$ 1.22$ | $\$ 0.98$ | $\$ 1.24$ | $\$ 1.00$ |
| Basic | $67,472,665$ | $67,665,300$ | $67,526,009$ | $67,827,591$ | $67,898,483$ |
| Diluted | $67,744,828$ | $67,941,895$ | $67,774,721$ | $68,037,419$ | $68,169,485$ |

- 126 -


## PART II. Other Information

## Item 1. Legal Proceedings

See discussion of legal proceedings at Note 7 to the Consolidated Financial Statements.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds
The following table provides information with respect to purchases made by or on behalf of the Company or any "affiliated purchaser" (as defined in Rule 10b-18(a)(3) under the Securities Exchange Act of 1934), of the Company's common stock during the three months ended June 30, 2012.


On April 24, 2012, the Company's board of directors authorizing the Company to repurchase up to two million
${ }^{1}$ shares of the Company's common stock. As of June 30, 2012, the Company had repurchased 39,496 shares under this plan.
${ }_{2}$ The Company routinely repurchases mature shares from employees to cover the exercise price and taxes in connection with employee stock option exercises.

## Item 6. Exhibits

31.1 Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

32 Certification of Chief Executive Officer and Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Interactive data files pursuant to Rule 405 of Regulation S-T: (i) the Consolidated Balance Sheets, (ii) the
101* Consolidated Statements of Earnings, (iii) the Consolidated Statements of Changes in Equity, (iv) the Consolidated Statement of Cash Flows and (v) the Notes to Consolidated Financial Statements

Items 1A, 3, 4 and 5 are not applicable and have been omitted.

[^10]
## Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

BOK FINANCIAL CORPORATION
(Registrant)

Date: August 7, 2012
/s/ Steven E. Nell
Steven E. Nell
Executive Vice President and Chief Financial Officer
/s/ John C. Morrow
John C. Morrow
Senior Vice President and
Chief Accounting Officer

- 128 -


[^0]:    - 9 -

[^1]:    - 48 -

[^2]:    ${ }^{1}$ Gross unrealized gains and losses are not recognized in AOCI in the Consolidated Balance Sheets.

[^3]:    - 65 -

[^4]:    - 69 -

[^5]:    - 82 -

[^6]:    - 87 -

[^7]:    - 89 -

[^8]:    - 96 -

[^9]:    - 107 -

[^10]:    * As provided in Rule 406T of Regulation S-T, this information is furnished and not filed for purposes of Section 11 and 12 of the Securities Act of 1933 and Section 18 of the Securities Exchange Act of 1934.

