

BOK FINANCIAL CORP ET AL  
Form 10-Q  
May 01, 2015

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 10-Q  
(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934

For the quarterly period ended March 31, 2015

OR  
 TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File No. 0-19341

BOK FINANCIAL CORPORATION  
(Exact name of registrant as specified in its charter)

Oklahoma  
(State or other jurisdiction  
of Incorporation or Organization)

73-1373454  
(IRS Employer  
Identification No.)

Bank of Oklahoma Tower  
Boston Avenue at Second Street  
Tulsa, Oklahoma  
(Address of Principal Executive Offices)

74192  
(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  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  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):

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Large accelerated filer

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

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date: 68,922,314 shares of common stock (\$.00006 par value) as of March 31, 2015.

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BOK Financial Corporation  
Form 10-Q  
Quarter Ended March 31, 2015

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Net interest margin decreased 6 basis points compared to the fourth quarter of 2014. The yield on average earning assets decreased 6 basis points. The loan portfolio yield decreased 14 basis points to 3.59% primarily due to continued competitive loan pricing and low interest rates. The yield on the available for sale securities portfolio decreased 1 basis point to 1.98%. Funding costs were down 1 basis point to 0.38%. The cost of other borrowed funds was unchanged compared to the fourth quarter. The benefit to net interest margin from earning assets funded by non-interest bearing liabilities was unchanged.

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Securities trading revenue was \$10.0 million for the first quarter of 2015, an increase of \$404 thousand over the first quarter of 2014. Securities trading revenue includes 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.

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 \$10.3 million for the first quarter of 2015, a \$3.3 million increase over the prior year primarily due to higher volumes of derivative contracts executed by our mortgage banking customers.

Revenue earned from retail brokerage transactions decreased \$2.7 million or 28% compared to the first quarter of 2014 to \$6.8 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 is primarily based on the volume of customer transactions during the quarter. The number of transactions typically increases with market volatility and decreases with market stability.

Investment banking, which includes fees earned upon completion of underwriting and financial advisory services and loan syndication fees, totaled \$4.6 million for the first quarter of 2015, a \$1.2 million or 33% increase over the first quarter of 2014 primarily related to underwriting and financial advisory fees.

Brokerage and trading revenue increased \$1.1 million over the fourth quarter of 2014. Securities trading revenue increased \$654 thousand and customer hedging revenue increased \$333 thousand. Retail brokerage fees were up \$1.0 million, partially offset by a \$904 thousand decrease in investment banking primarily due to lower loan syndication fees due to the timing of completed transactions.

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 first quarter of 2015 increased \$1.9 million or 6% over the first quarter of 2014. Revenues from the processing of transactions on behalf of the members of our TransFund electronic funds transfer ("EFT") network totaled \$16.0 million, an \$817 thousand or 5% increase over the prior year, due to increased transaction volumes and increased dollar amounts per transaction. Merchant services fees totaled \$10.5 million, an increase of \$938 thousand or 10% on increased transaction activity. Revenue from interchange fees paid by merchants for transactions processed from debit cards issued by the Company totaled \$4.6 million, an increase of \$121 thousand or 3% compared to the first quarter of 2014.

Transaction card revenue decreased \$457 thousand compared to the fourth quarter of 2014. Growth in merchant services fees was primarily offset by a seasonal decrease in EFT network revenues and interchange fee revenue from debit cards issued by the Company.

Fiduciary and asset management revenue grew by \$5.7 million or 22% over the first quarter of 2014. A full quarter of earnings from the acquisition of Topeka, Kansas-based GTRUST Financial Corporation in the first quarter of 2014 and Houston, Texas-based MBM Advisors in the second quarter of 2014 added \$2.8 million of revenue in the first quarter of 2015 and \$2.1 billion of fiduciary assets as of March 31, 2015. The remaining increase was primarily due to the growth in the fair value of fiduciary assets administered by the Company. Fiduciary assets are assets for which the Company possesses investment discretion on behalf of another or any other similar capacity. The fair value of fiduciary assets administered by the Company totaled \$37.5 billion at March 31, 2015, \$31.3 billion at March 31, 2014 and \$36.0 billion at December 31, 2014.





Table 3 – Mortgage Banking Revenue

(In thousands)

	Three Months Ended		Increase	%	Three Months	Increase	%
	March 31, 2015	2014	(Decrease)	Increase (Decrease)	Ended Dec. 31, 2014	(Decrease)	Increase (Decrease)
Net realized gains on mortgage loans sold	\$17,251	\$9,179	\$8,072	88	% \$17,671	\$(420)	(2)%
Change in net unrealized gains (losses) on mortgage loans held for sale	3,451	2,797	654	23	% 618	2,833	458
Change in fair value of mortgage loan commitments	7,529	3,379	4,150	123	% 1,491	6,038	405
Change in fair value of forward sales contracts	(2,191)	(3,903)	1,712	(44)	% (2,591)	400	(15)%
Total mortgage production revenue	26,040	11,452	14,588	127	% 17,189	8,851	51
Servicing revenue	13,280	11,392	1,888	17	% 12,916	364	3
Total mortgage revenue	\$39,320	\$22,844	\$16,476	72	% \$30,105	\$9,215	31
Mortgage loans funded for sale	1,565,016	727,516	837,500	115	% 1,264,269	300,747	24
Mortgage loan refinances to total funded	56	% 32	%		37	%	
Outstanding principal balance of mortgage loans serviced for others	\$16,937,128	\$14,045,642	\$2,891,486	21	% \$16,162,887	\$774,241	5
Period end outstanding mortgage commitments	\$650,988	\$387,755	\$263,233	68	% \$520,829	\$130,159	25
Net gains on securities, derivatives and other assets							

In the first quarter of 2015, we recognized a \$4.3 million net gain from sales of \$335 million of available for sale securities. Securities were sold either because they had reached their expected maximum potential return or to move into securities that will perform better in a rising rate environment. In the first quarter of 2014, we recognized a \$1.2 million net gain from sales of \$531 million of available for sale securities and in the fourth quarter of 2014, we recognized a \$149 thousand net gain on sales of \$772 million of available for sale securities.

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 fluctuates due to changes in prepayment speeds and other assumptions as more fully described in Note 5 to the Consolidated Financial Statements. As benchmark





## Other Operating Expense

Other operating expense for the first quarter of 2015 totaled \$220.3 million, a \$35.2 million or 19% increase over the first quarter of 2014. Personnel expenses increased \$24.1 million or 23%. The Company reversed \$15.5 million accrued during 2011 through 2013 in the first quarter of 2014 for amounts payable to certain executive officers under the 2011 True-Up Plan. Non-personnel expenses increased \$11.0 million or 14% over the prior year.

Operating expenses decreased \$5.6 million compared to the previous quarter. Personnel expense increased \$2.8 million. Non-personnel expense decreased \$8.4 million. The fourth quarter of 2014 included \$4.9 million of facilities and personnel costs related to the previously announced closure of 29 grocery store branches.

Table 5 -- Other Operating Expense  
(In thousands)

	Three Months Ended March 31,		Increase (Decrease)	% Increase (Decrease)	Three Months Ended Dec. 31, 2014	Increase (Decrease)	% Increase (Decrease)
	2015	2014					
Regular compensation	\$77,762	\$72,367	\$5,395	7	% \$78,327	\$(565)	(1)%
Incentive compensation:							
Cash-based	26,941	24,727	2,214	9	% 29,264	(2,323)	(8)%
Share-based	2,140	3,119	(979)	(31)	%) 3,012	(872)	(29)%
Deferred compensation	130	(16,312)	16,442	(101)	%) 60	70	117%
Total incentive compensation	29,211	11,534	17,677	153	% 32,336	(3,125)	(10)%
Employee benefits	21,575	20,532	1,043	5	% 15,078	6,497	43%
Total personnel expense	128,548	104,433	24,115	23	% 125,741	2,807	2%
Business promotion	5,748	5,841	(93)	(2)	%) 7,498	(1,750)	(23)%
Charitable contributions to BOKF Foundation	—	2,420	(2,420)	N/A	1,847	(1,847)	N/A
Professional fees and services	10,059	7,565	2,494	33	% 11,058	(999)	(9)%
Net occupancy and equipment	19,044	16,896	2,148	13	% 22,655	(3,611)	(16)%
Insurance	4,980	4,541	439	10	% 4,777	203	4%
Data processing and communications	30,620	27,135	3,485	13	% 30,872	(252)	(1)%
Printing, postage and supplies	3,461	3,541	(80)	(2)	%) 3,168	293	9%
Net losses and operating expenses of repossessed assets	613	1,432	(819)	(57)	%) (1,497)	2,110	(141)%
Amortization of intangible assets	1,090	816	274	34	% 1,100	(10)	(1)%
Mortgage banking costs	9,319	3,634	5,685	156	% 10,553	(1,234)	(12)%
Other expense	6,783	6,850	(67)	(1)	%) 8,105	(1,322)	(16)%
Total other operating expense	\$220,265	\$185,104	\$35,161	19	% \$225,877	\$(5,612)	(2)%











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 \$9.1 million or 20% over the first quarter of 2014. The increase was primarily due to increased fees and commissions revenue and recoveries of loans previously charged off, partially offset by increased operating expenses and net decreases in the fair value of mortgage servicing rights.

Table 6 -- Net Income by Line of Business  
(In thousands)

	Three Months Ended	
	March 31,	
	2015	2014
Commercial Banking	\$46,045	\$35,092
Consumer Banking	3,934	7,763
Wealth Management	4,484	2,541
Subtotal	54,463	45,396
Funds Management and other	20,380	31,194
Total	\$74,843	\$76,590













## Wealth Management

Wealth Management contributed \$4.5 million to consolidated net income in the first quarter of 2015, up \$1.9 million over the first quarter of 2014. Growth in fiduciary and asset management revenue and brokerage and trading revenue was partially offset by increased operating expenses.

Table 9 -- Wealth Management

(Dollars in thousands)

	Three Months Ended		Increase (Decrease)	
	March 31, 2015	2014		
Net interest revenue from external sources	\$5,384	\$5,838	\$(454	)
Net interest revenue from internal sources	5,654	4,685	969	
Total net interest revenue	11,038	10,523	515	
Net loans charged off (recovered)	57	(45	)	102
Net interest revenue after net loans charged off (recovered)	10,981	10,568	413	
Fees and commissions revenue	62,441	54,670	7,771	
Loss on financial instruments and other assets, net	(95	) (409	)	314
Other operating revenue	62,346	54,261	8,085	
Personnel expense	43,398	39,588	3,810	
Net losses and expenses of repossessed assets	—	327	(327	)
Other non-personnel expense	11,644	9,333	2,311	
Other operating expense	55,042	49,248	5,794	
Net direct contribution	18,285	15,581	2,704	
Corporate expense allocations	10,946	11,422	(476	)
Income before taxes	7,339	4,159	3,180	
Federal and state income tax	2,855	1,618	1,237	
Net income	\$4,484	\$2,541	\$1,943	
Average assets	\$4,828,340	\$4,621,817	\$206,523	
Average loans	1,035,296	936,663	98,633	
Average deposits	4,701,703	4,499,265	202,438	
Average invested capital	224,054	199,369	24,685	
Return on average assets	0.42	% 0.26	% 16	bp
Return on invested capital	9.12	% 5.95	% 317	bp
Efficiency ratio	74.73	% 75.40	% (67	) bp
Net charge-offs (annualized) to average loans	0.02	% (0.02	)%	4 bp
	March 31, 2015	2014	Increase (Decrease)	
Fiduciary assets in custody for which BOKF has sole or joint discretionary authority	\$15,197,567	\$13,467,695	\$1,729,872	
Fiduciary assets not in custody for which BOKF has sole or joint discretionary authority	3,442,421	1,746,634	1,695,787	
Non-managed trust assets in custody	18,871,758	16,082,236	2,789,522	
Total fiduciary assets	37,511,746	31,296,565	6,215,181	





































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 March 31, 2015, changes in interest rates would not materially impact regulatory capital or liquidity needed to support this portion of our customer derivative program.

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## 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 \$199 million or 1.35% of outstanding loans and 246% of nonaccruing loans at March 31, 2015. The allowance for loan losses was \$198 million and the accrual for off-balance sheet credit losses was \$1.0 million. At December 31, 2014, the combined allowance for credit losses was \$190 million or 1.34% of outstanding loans and 236% of nonaccruing loans. The allowance for loan losses was \$189 million and the accrual for off-balance sheet credit losses was \$1.2 million.

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. After evaluating all credit factors, the Company determined that no provision for credit losses was necessary during the first quarter of 2015, fourth quarter of 2014 or the first quarter of 2014.

Table 18 -- Summary of Loan Loss Experience  
(In thousands)

	Three Months Ended					
	March 31, 2015	Dec. 31, 2014	Sept. 30, 2014	June 30, 2014	March 31, 2014	
Allowance for loan losses:						
Beginning balance	\$ 189,056	\$ 191,244	\$ 190,690	\$ 188,318	\$ 185,396	
Loans charged off:						
Commercial	(174 )	(3,279 )	(117 )	(29 )	(144 )	
Commercial real estate	(28 )	(1,682 )	(145 )	—	(220 )	
Residential mortgage	(624 )	(837 )	(773 )	(1,842 )	(996 )	
Consumer	(1,343 )	(1,426 )	(1,603 )	(1,651 )	(1,488 )	
Total	(2,169 )	(7,224 )	(2,638 )	(3,522 )	(2,848 )	
Recoveries of loans previously charged off:						
Commercial	357	2,262	260	1,196	1,985	
Commercial real estate	8,819	1,145	1,410	2,621	1,827	
Residential mortgage	437	774	150	722	354	
Consumer	910	855	1,294	985	1,194	
Total	10,523	5,036	3,114	5,524	5,360	
Net loans recovered (charged off)	8,354	(2,188 )	476	2,002	2,512	
Provision for loan losses	276	—	78	370	410	
Ending balance	\$ 197,686	\$ 189,056	\$ 191,244	\$ 190,690	\$ 188,318	
Accrual for off-balance sheet credit losses:						
Beginning balance	\$ 1,230	\$ 1,230	\$ 1,308	\$ 1,678	\$ 2,088	
Provision for off-balance sheet credit losses	(276 )	—	(78 )	(370 )	(410 )	
Ending balance	\$ 954	\$ 1,230	\$ 1,230	\$ 1,308	\$ 1,678	
Total combined provision for credit losses	\$—	\$—	\$—	\$—	\$—	
	1.35	% 1.33	% 1.40	% 1.42	% 1.44	%

Allowance for loan losses to loans outstanding at period-end										
Net charge-offs (annualized) to average loans	(0.23)	)%	0.06	%	(0.01)	)%	(0.06)	)%	(0.08)	)%
Total provision for credit losses (annualized) to average loans	—	%	—	%	—	%	—	%	—	%
Recoveries to gross charge-offs	485.15	%	69.71	%	118.04	%	156.84	%	188.20	%
Accrual for off-balance sheet credit losses to off-balance sheet credit commitments	0.01	%	0.01	%	0.02	%	0.02	%	0.02	%
Combined allowance for credit losses to loans outstanding at period-end	1.35	%	1.34	%	1.41	%	1.43	%	1.45	%

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#### 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 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 60 days and 180 days past due, depending on loan class. In addition, non-risk graded loans are generally charged-down to collateral value within 60 days of being notified of a borrower's bankruptcy filing, regardless of payment status.

BOK Financial had a net recovery of \$8.4 million in the first quarter of 2015, compared to net charge-offs of \$2.2 million in the fourth quarter of 2014 and net recoveries of \$2.5 million in the first quarter of 2014. The ratio of net loans charged off (recovered) to average loans on an annualized basis was (0.23)% for the first quarter of 2015, compared with 0.06% for the fourth quarter of 2014 and (0.08)% for the first quarter of 2014.

Net commercial loan recoveries totaled \$183 thousand in the first quarter of 2015 compared to net charge-offs of \$1.0 million in the fourth quarter of 2014. Net commercial real estate loan recoveries were \$8.8 million in the first quarter, compared to net charge-offs of \$537 thousand in the fourth quarter. Residential mortgage net charge-offs were \$187 thousand and consumer net charge-offs were \$433 thousand for the first quarter. Consumer loan net charge-offs include deposit account overdraft losses.















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Consumer	\$—	\$428	\$2	\$547
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<sup>1</sup> Excludes past due residential mortgage loans guaranteed by agencies of the U.S. government.

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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 \$46 million at March 31, 2015, a decrease of \$56.3 million compared to December 31, 2014. This decrease was primarily due to the transfer of of repossessed assets guaranteed by U.S. government agencies to receivables in accordance with a newly required accounting standard. The distribution of real estate and other repossessed assets attributed by geographical market is included in Table 22 following.

Table 22 -- Real Estate and Other Repossessed Assets by Collateral Location  
(In thousands)

	Oklahoma	Texas	Colorado	Arkansas	New Mexico	Arizona	Kansas/ Missouri	Other	Total
1-4 family residential properties	\$6,089	\$2,659	\$—	\$1,630	\$3,505	\$3,671	\$730	\$472	\$18,756
Developed commercial real estate properties	2,200	3,797	3,438	796	3,645	885	—	1,950	16,711
Undeveloped land	328	1,530	2,021	—	—	1,004	1,210	—	6,093
Residential land development properties	422	—	835	—	—	2,165	4	—	3,426
Other	—	25	216	—	—	324	—	—	565
Total real estate and other repossessed assets	\$9,039	\$8,011	\$6,510	\$2,426	\$7,150	\$8,049	\$1,944	\$2,422	\$45,551

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

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Total Colorado State Bank & Trust	1,388,727	1,461,438	1,396,020	1,376,991	1,365,179
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Table 25 -- Borrowed Funds  
(In thousands)

	Three Months Ended March 31, 2015				Three Months Ended December 31, 2014			
	March 31, 2015	Average Balance During the Quarter	Rate	Maximum Outstanding At Any Month End During the Quarter	December 31, 2014	Average Balance During the Quarter	Rate	Maximum Outstanding At Any Month End During the Quarter
Funds purchased	\$66,320	\$69,730	0.09 %	\$72,389	\$ 57,031	\$71,728	0.08 %	\$59,104
Repurchase agreements	897,663	1,000,839	0.04 %	1,008,144	1,187,489	996,308	0.04 %	1,187,489
Other borrowings:								
Federal Home Loan Bank advances	3,700,000	3,052,434	0.26 %	3,700,000	2,103,400	2,984,379	0.25 %	2,903,400
GNMA repurchase liability	11,011	15,674	5.07 %	16,561	14,298	20,191	5.08 %	24,980
Other	16,039	16,106	2.41 %	16,140	16,076	16,523	1.07 %	16,582
Total other borrowings	3,727,050	3,084,214	0.32 %		2,133,774	3,021,093	0.32 %	
Subordinated debentures	348,030	348,007	2.52 %	348,030	347,983	347,960	2.50 %	347,983
Total Borrowed Funds	\$5,039,063	\$4,502,790	0.43 %		\$ 3,726,277	\$4,437,089	0.43 %	

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 March 31, 2015, \$227 million of this subordinated debt remains outstanding.

In 2005, the Bank issued \$150 million of 10-year, fixed rate subordinated debt. The cost of this subordinated debt, including issuance discounts and hedge loss is 5.56%. The proceeds of this debt were used to repay \$95 million of BOK Financial's unsecured revolving line of credit and to provide additional capital to support asset growth. At March 31, 2015, \$122 million of this subordinated debt remains outstanding.

The Bank also has a liability related to the repurchase of certain delinquent residential mortgage loans previously sold in GNMA mortgage pools. Interest is payable monthly at rates contractually due to investors.

#### Parent Company

At March 31, 2015 cash and interest-bearing cash and cash equivalents held by the Parent Company totaled \$424 million. 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. Based on the implementation of the new capital rules on January 1, 2015 as well as management's internal capital policy, the dividend capacity of the subsidiary bank has been reduced to zero at March 31, 2015. Dividend constraints may be alleviated through increases in retained earnings, capital issuances or changes in risk weighted assets. 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 1.00% 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 1.25%. 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 5, 2015. 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 March 31, 2015 and the Company met all of the covenants.

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Our equity capital at March 31, 2015 was \$3.4 billion, an increase of \$54 million over December 31, 2014. Net income less cash dividends paid increased equity \$46 million during the first quarter of 2015 and accumulated other comprehensive income increased \$34 million primarily related to the change in unrealized gains on available for sale securities due to changes in interest rates, partially offset by \$30 million of share repurchases during the quarter. Capital is managed to maximize long-term value to the 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 March 31, 2015, the Company has repurchased 741,652 shares for \$42 million under this program. During the first quarter of 2015, 502,156 shares were repurchased at an average cost of \$58.71 per share.

BOK Financial and the 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.

New capital rules were effective for BOK Financial on January 1, 2015. Components of these rules will phase in through January 1, 2019. The new capital rules reduced instruments that qualify as regulatory capital and generally increased risk weighted assets. The impact of these changes was partially offset by improved data granularity. The new capital rules establish a 7% threshold for the common equity Tier 1 ratio consisting of a minimum level plus capital conservation buffer. The Company has elected to exclude unrealized gains and losses from available for sale securities from its calculation of Tier 1 capital, consistent with the treatment under previous capital rules.

The rules also change both the Tier 1 risk based capital requirements and the total risk based requirements to a minimum of 6% and 8%, respectively, plus a capital conservation buffer of 2.5% totaling 8.5% and 10.5%, respectively. The leverage ratio requirement under the rule is 4%. A bank which falls below these levels, including the capital conservation buffer, would be subject to regulatory restrictions on capital distributions (including but not limited to dividends and share repurchases) and executive bonus payments.

The capital ratios for BOK Financial on a consolidated basis are presented in Table 26.

Table 26 -- Capital Ratios

	Minimum Capital Requirement <sup>1</sup>	Capital Conservation Buffer <sup>2</sup>	Minimum Capital Requirement Including Capital Conservation Buffer	March 31, 2015
Risk-based capital:				
Common equity Tier 1	4.50	% 2.50	% 7.00	% 13.07
Tier 1 capital	6.00	% 2.50	% 8.50	% 13.07
Total capital	8.00	% 2.50	% 10.50	% 14.39
Tier 1 Leverage	4.00	% N/A	4.00	% 9.74

Average total equity to average assets	11.18	%
Tangible common equity ratio	9.86	%
<sup>1</sup> Effective January 1, 2015		
<sup>2</sup> Effective January 1, 2016		



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.

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Table 28 -- Interest Rate Sensitivity  
 (Dollars in thousands)

	200 bp Increase		50 bp Decrease	
	March 31, 2015	2014	March 31, 2015	2014
Anticipated impact over the next twelve months on net interest revenue	\$(5,364 )	\$(11,626 )	\$(20,193 )	\$(13,161 )
	(0.72 )%	(1.66 )%	(2.73 )%	(1.88 )%

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## 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 words 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.

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Net occupancy and equipment	19,044	16,896
Insurance	4,980	4,541
Data processing and communications	30,620	27,135
Printing, postage and supplies	3,461	3,541
Net losses and operating expenses of repossessed assets	613	1,432
Amortization of intangible assets	1,090	816
Mortgage banking costs	9,319	3,634
Other expense	6,783	6,850
Total other operating expense	220,265	185,104
Net income before taxes	113,478	116,480
Federal and state income taxes	38,384	39,437
Net income	75,094	77,043
Net income attributable to non-controlling interests	251	453
Net income attributable to BOK Financial Corporation shareholders	\$74,843	\$76,590
Earnings per share:		
Basic	\$1.08	\$1.11
Diluted	\$1.08	\$1.11
Average shares used in computation:		
Basic	68,254,780	68,273,685
Diluted	68,344,886	68,436,478
Dividends declared per share	\$0.42	\$0.40
See accompanying notes to consolidated financial statements.		

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## Consolidated Statements of Comprehensive Income (Unaudited)

(In thousands, except share and per share data)

	Three Months Ended	
	March 31,	
	2015	2014
Net income	\$75,094	\$77,043
Other comprehensive income (loss) before income taxes:		
Net change in unrealized gain (loss)	59,387	54,613
Reclassification adjustments included in earnings:		
Interest revenue, Investments securities, Taxable securities	(179 )	(403 )
Interest expense, Subordinated debentures	65	83
Net impairment losses recognized in earnings	92	—
Gain on available for sale securities, net	(4,327 )	(1,240 )
Other comprehensive income before income taxes	55,038	53,053
Federal and state income taxes	21,408	20,635
Other comprehensive income, net of income taxes	33,630	32,418
Comprehensive income	108,724	109,461
Comprehensive income attributable to non-controlling interests	251	453
Comprehensive income attributable to BOK Financial Corp. shareholders	\$108,473	\$109,008

See accompanying notes to consolidated financial statements.



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## Shareholders' equity:

Common stock (\$.00006 par value; 2,500,000,000 shares authorized; shares issued and outstanding: March 31, 2015 – 74,351,392; December 4 31, 2014 – 74,003,754; March 31, 2014 – 73,547,801)	4	4	4
Capital surplus	959,650	954,644	913,642
Retained earnings	2,576,953	2,530,837	2,398,636
Treasury stock (shares at cost: March 31, 2015 – 5,429,078; December 31, 2014 – 4,890,018; March 31, 2014 – 4,407,591)	(269,749 )	(239,979 )	(209,152 )
Accumulated other comprehensive income	90,303	56,673	6,795
Total shareholders' equity	3,357,161	3,302,179	3,109,925
Non-controlling interests	33,091	34,027	34,674
Total equity	3,390,252	3,336,206	3,144,599
Total liabilities and equity	\$30,299,978	\$29,089,698	\$27,364,714

See accompanying notes to consolidated financial statements.

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

	Three Months Ended	
	March 31,	
	2015	2014
Cash Flows From Operating Activities:		
Net income	\$75,094	\$77,043
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Provision for credit losses	—	—
Change in fair value of mortgage servicing rights	8,522	4,461
Unrealized losses (gains) from derivative contracts	641	563
Tax effect from equity compensation, net	(215	) (1,732
Change in bank-owned life insurance	(2,198	) (2,106
Share-based compensation	1,865	2,863
Depreciation and amortization	16,800	12,362
Net amortization of securities discounts and premiums	14,511	14,560
Net realized losses (gains) on financial instruments and other assets	(5,956	) (1,202
Net gain on mortgage loans held for sale	(20,702	) (11,968
Mortgage loans originated for sale	(1,565,016	) (727,516
Proceeds from sale of mortgage loans held for sale	1,382,042	713,002
Capitalized mortgage servicing rights	(19,150	) (8,644
Change in trading and fair value option securities	(52,479	) 10,890
Change in receivables	(16,008	) 3,246
Change in other assets	(6,293	) 14,111
Change in accrued interest, taxes and expense	5,521	(41,114
Change in other liabilities	8,173	1,555
Net cash provided by (used in) operating activities	(174,848	) 60,374
Cash Flows From Investing Activities:		
Proceeds from maturities or redemptions of investment securities	19,378	13,019
Proceeds from maturities or redemptions of available for sale securities	513,939	403,191
Purchases of investment securities	(3,363	) (5,834
Purchases of available for sale securities	(980,768	) (679,171
Proceeds from sales of available for sale securities	334,825	531,385
Change in amount receivable on unsettled securities transactions	64,661	(1,025
Loans originated, net of principal collected	(458,118	) (271,214
Net payments on derivative asset contracts	(83,354	) 40,220
Acquisitions, net of cash acquired	—	(12,624
Proceeds from disposition of assets	66,111	20,071
Purchases of assets	(108,579	) (20,945
Net cash provided by (used in) investing activities	(635,268	) 17,073
Cash Flows From Financing Activities:		
Net change in demand deposits, transaction deposits and savings accounts	(30,574	) 154,205
Net change in time deposits	43,062	(33,819
Net change in other borrowed funds	1,283,330	221,650
Net proceeds on derivative liability contracts	70,377	(40,228
Net change in derivative margin accounts	(101,290	) (84,368
Change in amount due on unsettled security transactions	(264,605	) (6,099
Issuance of common and treasury stock, net	2,640	3,655

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Tax effect from equity compensation, net	215	1,732
Repurchase of common stock	(29,484 )	—
Dividends paid	(28,727 )	(27,382 )
Net cash provided by financing activities	944,944	189,346
Net increase in cash and cash equivalents	134,828	266,793
Cash and cash equivalents at beginning of period	2,475,842	1,087,213
Cash and cash equivalents at end of period	\$2,610,670	\$1,354,006
Cash paid for interest	\$15,380	\$14,394
Cash paid for taxes	\$3,232	\$56
Net loans and bank premises transferred to repossessed real estate and other assets	\$2,768	\$19,577
Residential mortgage loans guaranteed by U.S. government agencies that became eligible for repurchase during the period	\$29,409	\$31,441
Conveyance of other real estate owned guaranteed by U.S. government agencies	\$66,912	\$9,100
See accompanying notes to consolidated financial statements.		

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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”), BOSCO, Inc., The Milestone Group, 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, BOK Financial Mortgage 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 2014 Form 10-K filed with the Securities and Exchange Commission, which contains audited financial statements. Amounts presented as of December 31, 2014 have been derived from the audited financial statements included in BOK Financial’s 2014 Form 10-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 period ended March 31, 2015 are not necessarily indicative of the results that may be expected for the year ending December 31, 2015.

Newly Adopted and Pending Accounting Policies

Financial Accounting Standards Board (“FASB”)

FASB Accounting Standards Update No. 2014-01, Accounting for Investments in Qualified Affordable Housing Projects (“ASU 2014-01”)

On January 15, 2014, the FASB issued ASU 2014-01 to simplify the amortization method an entity uses and modify the criteria to elect a measurement and presentation alternative, including the simplified amortization method, for certain investments in qualified affordable housing projects. This alternative permits the entity to present the investment's performance net of the related tax benefits as part of income tax expense. ASU 2014-01 was effective for the Company for interim and annual periods beginning after December 15, 2014. Adoption of ASU 2014-01 affected income statement presentation, but otherwise did not have a material impact on the Company's consolidated financial statements.

FASB Accounting Standards Update No. 2014-04, Reclassification of Residential Real Estate Collateralized Consumer Mortgage Loans Upon Foreclosure (“ASU 2014-04”)

On January 17, 2014, the FASB issued ASU 2014-04 to clarify when an entity is considered to have obtained physical possession (from an in-substance possession or foreclosure) of a residential real estate property collateralizing a mortgage loan. Upon physical possession of such real property, an entity is required to reclassify the nonperforming

mortgage loan to other real estate owned. ASU 2014-04 was effective for the Company for interim and annual periods beginning after December 15, 2014. Adoption of ASU 2014-04 did not have a material impact on the Company's consolidated financial statements.

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FASB Accounting Standards Update No. 2014-09, Revenue from Contracts with Customers ("ASU 2014-09")

On May 28, 2014, the FASB issued ASU 2014-09 to clarify the principles for recognizing revenue by providing a more robust framework that will give greater consistency and comparability in revenue recognition practices. In the new framework, an entity recognizes revenue in an amount that reflects the consideration to which the entity expects to be entitled in exchange for goods or services. The new model requires the identification of performance obligations included in contracts with customers, a determination of the transaction price and an allocation of the price to those performance obligations. The entity recognizes revenue when performance obligations are satisfied. ASU 2014-09 is effective for the Company for annual reporting periods beginning after December 15, 2016, including interim periods within that reporting period. The Company is evaluating the impact the adoption of ASU 2014-09 will have on the Company's financial statements.

FASB Accounting Standards Update No. 2014-14, Classification of Certain Government-Guaranteed Mortgage Loans Upon Foreclosure ("ASU 2014-14")

On August 8, 2014, the FASB issued ASU 2014-14 to give greater consistency in the classification of government-guaranteed loans upon foreclosure. ASU 2014-14 applies to all loans that contain a government guarantee that is not separable from the loan or for which the creditor has both the intent and ability to recover a fixed amount under the guarantee by conveying the property to the guarantor. Upon foreclosure, the creditor should reclassify the mortgage loan to an other receivable that is separate from loans and should measure the receivable at the amount of the loan balance expected to be recovered from the guarantor. ASU 2014-14 was effective for the Company for interim and annual periods beginning after December 15, 2014. At January 1, 2015, approximately \$50 million of real estate owned was reclassified from Real estate and other repossessed assets to Receivables on the balance sheet with adoption of ASC 2014-14.

FASB Accounting Standards Update No. 2014-16, Derivatives and Hedging (Topic 815): Determining Whether the Host Contract in a Hybrid Financial Instrument Issued in the Form of a Share is More Akin to Debt or to Equity ("ASU 2014-16")

On November 3, 2014, the FASB issued ASU 2014-16 to eliminate the use of different methods and reduce diversity under GAAP in the accounting for hybrid financial instruments issued in the form of a share. For hybrid financial instruments issued in the form of share, an entity should determine the nature of the host contract by considering all stated and implied substantive terms and features of the hybrid financial instrument. The entity should determine the nature of the host contract by considering the economic characteristics and risks of the entire hybrid financial instrument, including the embedded derivative feature that is being evaluated for separate accounting from the host contract. For public business entities, the ASU is effective for annual periods beginning after December 15, 2015, and interim periods within those annual periods. Early adoption is permitted. Adoption of ASU 2014-16 is not expected to have a material impact on the Company's consolidated financial statements.

FASB Accounting Standards Update No. 2015-02, Consolidation (Topic 810): Amendments to the Consolidation Analysis ("ASU 2015-02")

On February 18, 2015, the FASB issued ASU 2015-02 to address concerns that current U.S. GAAP may require a reporting entity to consolidate another legal entity where the reporting entity's contractual rights do not give it the ability to act primarily on its own behalf, the reporting entity does not hold a majority of the legal entity's voting rights, or the reporting entity is not exposed to a majority of the legal entity's economic benefits or obligations. The amendments affect limited partnerships and similar legal entities, the evaluation of fees paid to a decision maker or a service provider as a variable interest, the effect of fee arrangements and related parties on the primary beneficiary determination, and certain investment funds. The ASU will be effective for periods beginning after December 15,

2015 for public companies. Early adoption is permitted, including adoption in an interim period. The Company is evaluating the impact the adoption of ASU 2015-02 will have on the Company's financial statements.

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## Available for Sale Securities

The amortized cost and fair value of available for sale securities are as follows (in thousands):

	March 31, 2015				
	Amortized Cost	Fair Value	Gross Unrealized <sup>1</sup>		OTTI <sup>2</sup>
			Gain	Loss	
U.S. Treasury	\$1,000	\$1,001	\$1	\$—	\$—
Municipal and other tax-exempt	60,298	60,818	1,242	(722)	) —
Residential mortgage-backed securities:					
U. S. government agencies:					
FNMA	3,844,253	3,930,186	87,993	(2,060)	) —
FHLMC	2,040,364	2,079,310	39,989	(1,043)	) —
GNMA	698,346	703,206	6,031	(1,171)	) —
Other	4,533	4,867	334	—	—
Total U.S. government agencies	6,587,496	6,717,569	134,347	(4,274)	) —
Private issue:					
Alt-A loans	63,765	69,369	6,601	—	(997 )
Jumbo-A loans	85,269	90,662	5,769	—	(376 )
Total private issue	149,034	160,031	12,370	—	(1,373 )
Total residential mortgage-backed securities	6,736,530	6,877,600	146,717	(4,274)	) (1,373 )
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,157,985	2,164,842	13,849	(6,992)	) —
Other debt securities	9,405	9,155	—	(250)	) —
Perpetual preferred stock	22,171	24,983	2,812	—	—
Equity securities and mutual funds	18,679	19,776	1,117	(20)	) —
Total	\$9,006,068	\$9,158,175	\$165,738	\$(12,258)	) \$(1,373 )

<sup>1</sup> Gross unrealized gain/loss recognized in AOCI in the consolidated balance sheet.

<sup>2</sup> Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

	December 31, 2014				
	Amortized Cost	Fair Value	Gross Unrealized <sup>1</sup>		OTTI <sup>2</sup>
			Gain	Loss	
U.S. Treasury	\$1,005	\$1,005	\$—	\$—	\$—
Municipal and other tax-exempt	63,018	63,557	1,280	(741)	) —
Residential mortgage-backed securities:					
U. S. government agencies:					
FNMA	3,932,200	3,997,428	71,200	(5,972)	) —
FHLMC	1,810,476	1,836,870	29,043	(2,649)	) —
GNMA	801,820	807,443	8,240	(2,617)	) —
Other	4,808	5,143	335	—	—
Total U.S. government agencies	6,549,304	6,646,884	108,818	(11,238)	) —
Private issue:					
Alt-A loans	65,582	71,952	6,677	—	(307)
Jumbo-A loans	88,778	94,005	5,584	—	(357)
Total private issue	154,360	165,957	12,261	—	(664)
Total residential mortgage-backed securities	6,703,664	6,812,841	121,079	(11,238)	) (664)
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,064,091	2,048,609	4,437	(19,919)	) —
Other debt securities	9,438	9,212	26	(252)	) —
Perpetual preferred stock	22,171	24,277	2,183	(77)	) —
Equity securities and mutual funds	18,603	19,444	871	(30)	) —
Total	\$8,881,990	\$8,978,945	\$129,876	\$(32,257)	) \$(664)

<sup>1</sup> Gross unrealized gain/loss recognized in AOCI in the consolidated balance sheet.

<sup>2</sup> Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

	March 31, 2014				
	Amortized Cost	Fair Value	Gross Unrealized <sup>1</sup>		OTTI <sup>2</sup>
			Gain	Loss	
U.S. Treasury	\$1,033	\$1,034	\$1	\$—	\$—
Municipal and other tax-exempt	69,434	70,065	1,548	(917)	) —
Residential mortgage-backed securities:					
U. S. government agencies:					
FNMA	4,380,066	4,409,566	65,393	(35,893)	) —
FHLMC	2,158,750	2,162,580	25,644	(21,814)	) —
GNMA	885,058	888,989	9,612	(5,681)	) —
Other	13,426	14,434	1,008	—	—
Total U.S. government agencies	7,437,300	7,475,569	101,657	(63,388)	) —
Private issue:					
Alt-A loans	73,244	77,557	4,597	—	(284)
Jumbo-A loans	106,258	111,691	5,741	—	(308)
Total private issue	179,502	189,248	10,338	—	(592)
Total residential mortgage-backed securities	7,616,802	7,664,817	111,995	(63,388)	) (592)
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,159,704	2,123,762	1,329	(37,271)	) —
Other debt securities	35,031	35,119	275	(187)	) —
Perpetual preferred stock	22,171	24,281	2,110	—	—
Equity securities and mutual funds	14,102	14,645	602	(59)	) —

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Total \$9,918,277 \$9,933,723 \$117,860 \$(101,822) \$(592 )

<sup>1</sup> Gross unrealized gain/loss recognized in AOCI in the consolidated balance sheet.

<sup>2</sup> Amounts represent unrealized loss that remains in AOCI after an other-than-temporary credit loss has been recognized in income.

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The amortized cost and fair values of available for sale securities at March 31, 2015, by contractual maturity, are as shown in the following table (dollars in thousands):

	Less than One Year	One to Five Years	Six to Ten Years	Over Ten Years	Total	Weighted Average Maturity <sup>5</sup>
<b>U.S. Treasuries:</b>						
Amortized cost	\$—	\$1,000	\$—	\$—	\$1,000	2.80
Fair value	—	1,001	—	—	1,001	
Nominal yield	—	% 0.87	% —	% —	% 0.87	%
<b>Municipal and other tax-exempt:</b>						
Amortized cost	\$9,807	\$25,059	\$2,084	\$23,348	\$60,298	8.30
Fair value	9,904	25,836	2,295	22,783	60,818	
Nominal yield <sup>1</sup>	3.61	% 4.25	% 6.35	% 1.94	% <sup>6</sup> 3.32	%
<b>Commercial mortgage-backed securities:</b>						
Amortized cost	\$—	\$915,951	\$907,546	\$334,488	\$2,157,985	8.24
Fair value	—	918,759	913,201	332,882	2,164,842	
Nominal yield	—	% 1.44	% 1.77	% 1.33	% 1.56	%
<b>Other debt securities:</b>						
Amortized cost	\$5,005	\$—	\$—	\$4,400	\$9,405	15.18
Fair value	5,005	—	—	4,150	9,155	
Nominal yield	2.12	% —	% —	% 1.71	% <sup>6</sup> 1.93	%
<b>Total fixed maturity securities:</b>						
Amortized cost	\$14,812	\$942,010	\$909,630	\$362,236	\$2,228,688	8.27
Fair value	14,909	945,596	915,496	359,815	2,235,816	
Nominal yield	3.11	% 1.52	% 1.78	% 1.38	% 1.61	%
<b>Residential mortgage-backed securities:</b>						
Amortized cost					\$6,736,530	<sup>2</sup>
Fair value					6,877,600	
Nominal yield <sup>4</sup>					1.92	%
<b>Equity securities and mutual funds:</b>						
Amortized cost					\$40,850	<sup>3</sup>
Fair value					44,759	
Nominal yield					1.28	%
<b>Total available-for-sale securities:</b>						
Amortized cost					\$9,006,068	
Fair value					9,158,175	
Nominal yield					1.84	%

<sup>1</sup> Calculated on a taxable equivalent basis using a 39% effective tax rate.

<sup>2</sup> The average expected lives of mortgage-backed securities were 3.3 years based upon current prepayment assumptions.

<sup>3</sup> Primarily common stock and preferred stock of corporate issuers with no stated maturity.

<sup>4</sup> The nominal yield on mortgage-backed securities is based upon prepayment assumptions at the purchase 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.

<sup>5</sup>

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.

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Sales of available for sale securities resulted in gains and losses as follows (in thousands):

	Three Months Ended	
	March 31, 2015	2014
Proceeds	\$334,825	\$531,385
Gross realized gains	4,900	6,433
Gross realized losses	(573	) (5,193
Related federal and state income tax expense	1,683	482

A summary of investment and available for sale securities that have been pledged as collateral for repurchase agreements, public trust funds on deposit and for other purposes, as required by law was as follows (in thousands):

	March 31, 2015	Dec. 31, 2014	March 31, 2014
Investment:			
Carrying value	\$63,425	\$63,495	\$87,757
Fair value	65,723	65,855	90,765
Available for sale:			
Amortized cost	6,065,705	5,855,220	5,177,411
Fair value	6,155,570	5,893,972	5,169,432

The secured parties do not have the right to sell or re-pledge these securities.

## Impaired Securities as of March 31, 2015

(in thousands):

	Number of Securities	Less Than 12 Months Fair Value	Unrealized Loss	12 Months or Longer Fair Value	Unrealized Loss	Total Fair Value	Unrealized Loss
Investment:							
Municipal and other tax-exempt	37	\$41,048	\$173	\$53,662	\$221	\$94,710	\$394
U.S. Agency residential mortgage-backed securities	—	—	—	—	—	—	—
Other							
Other debt securities	97	31,451	846	2,478	27	33,929	873
Total investment	134	\$72,499	\$1,019	\$56,140	\$248	\$128,639	\$1,267

	Number of Securities	Less Than 12 Months Fair Value	Unrealized Loss	12 Months or Longer Fair Value	Unrealized Loss	Total Fair Value	Unrealized Loss
Available for sale:							
Municipal and other tax-exempt	20	\$10,217	\$27	\$11,705	\$695	\$21,922	\$722
Residential mortgage-backed securities:							
U. S. agencies:							
FNMA	8	90,133	464	125,166	1,596	215,299	2,060
FHLMC	6	17,511	34	124,912	1,009	142,423	1,043
GNMA	4	—	—	123,884	1,171	123,884	1,171
Total U.S. agencies	18	107,644	498	373,962	3,776	481,606	4,274
Private issue <sup>1</sup> :							
Alt-A loans	4	10,154	997	—	—	10,154	997
Jumbo-A loans	8	—	—	9,570	376	9,570	376
Total private issue	12	10,154	997	9,570	376	19,724	1,373
Total residential mortgage-backed securities	30	117,798	1,495	383,532	4,152	501,330	5,647
Commercial mortgage-backed securities guaranteed by U.S. government agencies							
Other debt securities	2	—	—	4,150	250	4,150	250
Perpetual preferred stocks	—	—	—	—	—	—	—
Equity securities and mutual funds	66	24	—	1,007	20	1,031	20
Total available for sale	186	\$225,413	\$1,673	\$1,295,209	\$11,958	\$1,520,622	\$13,631

<sup>1</sup> Includes securities for which an unrealized loss remains in AOCI after an other-than-temporary credit loss has been recognized in income.

## Impaired Securities as of December 31, 2014

(In thousands)

	Number of Securities	Less Than 12 Months Fair Value	12 Months or Longer Unrealized Loss	12 Months or Longer Fair Value	12 Months or Longer Unrealized Loss	Total Fair Value	Unrealized Loss
Investment:							
Municipal and other tax-exempt	78	\$112,677	\$426	\$60,076	\$525	\$172,753	\$951
U.S. Agency residential mortgage-backed securities – Other	—	—	—	—	—	—	—
Other debt securities	84	31,274	637	761	20	32,035	657
Total investment	162	\$143,951	\$1,063	\$60,837	\$545	\$204,788	\$1,608
	Number of Securities	Less Than 12 Months Fair Value	12 Months or Longer Unrealized Loss	12 Months or Longer Fair Value	12 Months or Longer Unrealized Loss	Total Fair Value	Unrealized Loss
Available for sale:							
Municipal and other tax-exempt	22	\$10,838	\$12	\$12,176	\$729	\$23,014	\$741
Residential mortgage-backed securities:							
U. S. agencies:							
FNMA	24	257,854	547	454,394	5,425	712,248	5,972
FHLMC	16	62,950	37	310,834	2,612	373,784	2,649
GNMA	5	8,550	12	128,896	2,605	137,446	2,617
Total U.S. agencies	45	329,354	596	894,124	10,642	1,223,478	11,238
Private issue <sup>1</sup> :							
Alt-A loans	4	11,277	307	—	—	11,277	307
Jumbo-A loans	8	—	—	10,020	357	10,020	357
Total private issue	12	11,277	307	10,020	357	21,297	664
Total residential mortgage-backed securities	57	340,631	903	904,144	10,999	1,244,775	11,902
Commercial mortgage-backed securities guaranteed by U.S. government agencies	104	223,106	454	1,238,376	19,465	1,461,482	19,919
Other debt securities	2	—	—	4,150	252	4,150	252
Perpetual preferred stocks	2	2,898	77	—	—	2,898	77
Equity securities and mutual funds	68	—	—	1,205	30	1,205	30
Total available for sale	255	\$577,473	\$1,446	\$2,160,051	\$31,475	\$2,737,524	\$32,921

<sup>1</sup> Includes securities for which an unrealized loss remains in AOCI after an other-than-temporary credit loss has been recognized in income.



## Impaired Securities as of March 31, 2014

(In thousands)

	Number of Securities	Less Than 12 Months Fair Value	12 Months or Longer Unrealized Loss	12 Months or Longer Fair Value	12 Months or Longer Unrealized Loss	Total Fair Value	Unrealized Loss
<b>Investment:</b>							
Municipal and other tax-exempt	96	\$78,833	\$601	\$117,909	\$1,352	\$196,742	\$1,953
U.S. Agency residential mortgage-backed securities – Other	1	9,645	40	—	—	9,645	40
Other debt securities	31	12,516	130	798	43	13,314	173
Total investment	128	\$100,994	\$771	\$118,707	\$1,395	\$219,701	\$2,166
	Number of Securities	Less Than 12 Months Fair Value	12 Months or Longer Unrealized Loss	12 Months or Longer Fair Value	12 Months or Longer Unrealized Loss	Total Fair Value	Unrealized Loss
<b>Available for sale:</b>							
Municipal and other tax-exempt <sup>1</sup>	29	\$13,750	\$198	\$16,601	\$719	\$30,351	\$917
<b>Residential mortgage-backed securities:</b>							
<b>U. S. agencies:</b>							
FNMA	77	2,075,587	35,893	—	—	2,075,587	35,893
FHLMC	45	1,236,653	21,814	—	—	1,236,653	21,814
GNMA	14	423,725	5,681	—	—	423,725	5,681
Total U.S. agencies	136	3,735,965	63,388	—	—	3,735,965	63,388
<b>Private issue<sup>1</sup>:</b>							
Alt-A loans	5	—	—	15,725	284	15,725	284
Jumbo-A loans	8	11,744	308	—	—	11,744	308
Total private issue	13	11,744	308	15,725	284	27,469	592
Total residential mortgage-backed securities	149	3,747,709	63,696	15,725	284	3,763,434	63,980
<b>Commercial mortgage-backed securities guaranteed by U.S. government agencies</b>							
Other debt securities	3	481	19	4,231	168	4,712	187
Perpetual preferred stocks	—	—	—	—	—	—	—
Equity securities and mutual funds	106	1,778	48	172	11	1,950	59
Total available for sale	415	\$5,308,753	\$94,112	\$243,975	\$8,302	\$5,552,728	\$102,414

<sup>1</sup> Includes securities for which an unrealized loss remains in AOCI after an other-than-temporary credit loss has been recognized in income.

On a quarterly basis, the Company performs separate evaluations of impaired debt and equity investments 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 March 31, 2015, the Company does not intend to sell any impaired available for sale securities before fair value recovers to the current amortized cost and it is more-likely-than-not that the Company will not be required to sell impaired securities before fair value recovers, which may be maturity.

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Impairment of debt securities rated investment grade by all nationally-recognized rating agencies is 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 March 31, 2015.

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At March 31, 2015, 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):

	U.S. Govt / GSE <sup>1</sup>		AAA - AA		A - BBB		Below Investment Grade		Not Rated		Total	
	Carrying Value	Fair Value	Carrying Value	Fair Value	Carrying Value	Fair Value	Carrying Value	Fair Value	Carrying Value	Fair Value	Carrying Value	Fair Value
<b>Investment:</b>												
Municipal and other tax-exempt	\$—	\$—	\$256,859	\$257,878	\$13,078	\$13,198	\$—	\$126,126	\$129,036	\$396,063	\$400,112	
Mortgage-backed securities -- other	33,545	35,253	—	—	—	—	—	—	—	33,545	35,253	
Other debt securities	—	—	151,442	169,373	—	—	—	53,537	53,233	204,979	222,606	
<b>Total investment securities</b>	<b>\$33,545</b>	<b>\$35,253</b>	<b>\$408,301</b>	<b>\$427,251</b>	<b>\$13,078</b>	<b>\$13,198</b>	<b>\$—</b>	<b>\$179,663</b>	<b>\$182,269</b>	<b>\$634,587</b>	<b>\$657,971</b>	
	U.S. Govt / GSE <sup>1</sup>		AAA - AA		A - BBB		Below Investment Grade		Not Rated		Total	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value
<b>Available for Sale:</b>												
U.S. Treasury	\$1,000	\$1,001	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$1,001
Municipal and other tax-exempt	—	—	38,504	39,556	10,567	10,047	—	—	11,227	11,215	60,250	
Residential mortgage-backed securities:												
U. S. government agencies:												
FNMA	3,844,253	3,930,186	—	—	—	—	—	—	—	—	—	3,844,253
FHLMC	2,040,364	2,079,310	—	—	—	—	—	—	—	—	—	2,040,364
GNMA	698,346	703,206	—	—	—	—	—	—	—	—	—	698,346
Other	4,533	4,867	—	—	—	—	—	—	—	—	—	4,533
<b>Total U.S. government agencies</b>	<b>6,587,496</b>	<b>6,717,569</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>6,587,496</b>
Private issue:												
Alt-A loans	—	—	—	—	—	—	63,765	69,369	—	—	63,765	
Jumbo-A loans	—	—	—	—	—	—	85,269	90,662	—	—	85,269	
<b>Total private issue</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>149,034</b>	<b>160,031</b>	<b>—</b>	<b>—</b>	<b>149,034</b>	
<b>Total residential mortgage-backed securities</b>	<b>6,587,496</b>	<b>6,717,569</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>149,034</b>	<b>160,031</b>	<b>—</b>	<b>—</b>	<b>6,736,530</b>	
Commercial mortgage-backed	2,157,985	2,164,842	—	—	—	—	—	—	—	—	2,157,985	

securities guaranteed by U.S. government agencies												
Other debt securities	—	—	4,400	4,150	5,005	5,005	—	—	—	—	—	9,405
Perpetual preferred stock	—	—	—	—	11,406	12,623	10,765	12,360	—	—	—	22,171
Equity securities and mutual funds	—	—	4	497	—	—	—	—	18,675	19,279	18,675	—
Total available for sale securities	\$8,746,481	\$8,883,412	\$42,908	\$44,203	\$26,978	\$27,675	\$159,799	\$172,391	\$29,902	\$30,494	\$9,000	\$9,000

<sup>1</sup> 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.

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At March 31, 2015, the entire portfolio of privately issued residential mortgage-backed securities was rated below investment grade. The gross unrealized loss on these securities totaled \$1.4 million. Ratings by the nationally-recognized rating agencies are subjective in nature 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 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:

	March 31, 2015	December 31, 2014	March 31, 2014
Unemployment rate	Held constant at 5.6% over the next 12 months and remain at 5.6% thereafter. Starting with current depreciated housing prices based on information derived from the FHFA1,	Held constant at 5.6% over the next 12 months and remain at 5.6% thereafter. Starting with current depreciated housing prices based on information derived from the FHFA1,	Held constant at 7.3% over the next 12 months and remains at 7.3% thereafter. Starting with current depreciated housing prices based on information derived from the FHFA1,
Housing price appreciation/depreciation	appreciating 3.2% over the next 12 months, then flat for the following 12 months and then appreciating at 2% per year thereafter. Reflect actual historical liquidations costs observed on Jumbo and Alt-A residential mortgage loans in securities owned by the Company.	appreciating 3.2% over the next 12 months, then flat for the following 12 months and then appreciating at 2% per year thereafter. Reflect actual historical liquidations costs observed on Jumbo and Alt-A residential mortgage loans in securities owned by the Company.	appreciating 4% over the next 12 months, then flat for the following 12 months and then appreciating at 2% per year thereafter. Reflect actual historical liquidations costs observed on Jumbo and Alt-A residential mortgage loans in securities owned by the Company.
Estimated liquidation costs	Estimated cash flows were discounted at rates that range from 2.00% to 6.25% based on our current expected yields.	Estimated cash flows were discounted at rates that range from 2.00% to 6.25% based on our current expected yields.	Estimated cash flows were discounted at rates that range from 2.00% to 6.25% based on our current expected yields.
Discount rates			

<sup>1</sup> Federal Housing Finance Agency

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. The 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 senior or 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 senior or super-senior tranches, which effectively increases 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 is charged against other comprehensive income, net of deferred taxes. Credit loss impairments of \$92 thousand were recognized in earnings on privately issued residential mortgage-backed securities during the three months ended March 31, 2015.

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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):

	Number of Securities	Amortized Cost	Fair Value	Credit Losses Recognized			
				Three months ended March 31, 2015		Life-to-date	
				Number of Securities	Amount	Number of Securities	Amount
Alt-A	14	\$63,765	\$69,369	1	\$92	14	\$36,219
Jumbo-A	30	85,269	90,662	—	—	29	18,220
Total	44	\$149,034	\$160,031	1	\$92	43	\$54,439

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 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 March 31, 2015.

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 March 31,	
	2015	2014
Balance of credit-related OTTI recognized on available for sale debt securities, beginning of period	\$54,347	\$67,346
Additions for credit-related OTTI not previously recognized	—	—
Additions for increases in credit-related OTTI previously recognized when there is no intent to sell and no requirement to sell before recovery of amortized cost	92	—
Reductions for change in intent to hold before recovery	—	—
Sales	—	(12,999 )
Balance of credit-related OTTI recognized on available for sale debt securities, end of period	\$54,439	\$54,347

Additions above exclude other-than-temporary impairment recorded due to change in intent to hold before recovery.

## Fair Value Option Securities

Fair value option securities represent securities which the Company has elected to carry at fair value and are separately identified on the Consolidated Balance Sheets. Changes in the fair value are 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):

	March 31, 2015		December 31, 2014		March 31, 2014	
	Fair Value	Net Unrealized Gain (Loss)	Fair Value	Net Unrealized Gain (Loss)	Fair Value	Net Unrealized Gain (Loss)
U.S. agency residential mortgage-backed securities	\$434,077	\$4,271	\$311,597	\$1,624	\$156,525	\$(5,794)
Other securities	—	—	—	—	4,359	284
Total	\$434,077	\$4,271	\$311,597	\$1,624	\$160,884	\$(5,510)

## Restricted Equity Securities

Restricted equity securities include stock we are required to hold as members of the Federal Reserve system and the Federal Home Loan Banks ("FHLB"). Restricted equity securities are carried at cost as these securities do not have a readily determined fair value because ownership of these shares are restricted and lacks a market. A summary of restricted equity securities follows (in thousands):

	March 31, 2015	Dec. 31, 2014	March 31, 2014
Federal Reserve stock	\$35,018	\$35,018	\$33,741
Federal Home Loan Bank stock	177,667	106,476	51,902
Total	\$212,685	\$141,494	\$85,643

### (3) Derivatives

Derivative instruments may be used by the Company as part of its interest rate risk management programs or may be offered to customers. All derivative instruments are carried at fair value and changes in fair value are reported in earnings as they occur. Credit risk is also considered in determining fair value.

When bilateral netting agreements or similar arrangements 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 derivative contract type by counterparty basis.

Derivative contracts may 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. In addition, derivative contracts executed with customers under Customer Risk Management Programs may be secured by non-cash collateral in conjunction with a credit agreement with that customer. Access to collateral, in the event of default is reasonably assured. As of March 31, 2015, a decrease in BOK Financial's credit rating to below investment grade would increase our obligation to post cash margin on existing contracts by approximately \$22 million.

None of these derivative contracts have been designated as hedging instruments.

#### 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, and foreign exchange rates, or to take positions in derivative contracts. Customers may also manage interest rate risk through interest rate swaps used by borrowers to modify interest rate terms of their loans or to-be-announced securities used by mortgage banking customers to hedge their loan production. Derivative contracts are executed between the customers and BOK Financial. Offsetting contracts are executed between BOK Financial and other selected counterparties to minimize the 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 derivative contracts 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. As of March 31, 2015, BOK Financial had interest rate swaps with a notional value of \$47 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.



The following table summarizes the fair values of derivative contracts recorded as “derivative contracts” assets and liabilities in the balance sheet at March 31, 2015 (in thousands):

Assets						
	Notional <sup>1</sup>	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$18,144,202	\$115,693	\$(38,135 )	\$77,558	\$—	\$77,558
Interest rate swaps	1,174,975	39,880	—	39,880	—	39,880
Energy contracts	651,548	133,391	(47,576 )	85,815	(62,118 )	23,697
Agricultural contracts	37,545	837	(367 )	470	—	470
Foreign exchange contracts	379,243	311,739	—	311,739	—	311,739
Equity option contracts	185,043	8,939	—	8,939	(100 )	8,839
Total customer risk management programs	20,572,556	610,479	(86,078 )	524,401	(62,218 )	462,183
Interest rate risk management programs	22,000	203	—	203	—	203
Total derivative contracts	\$20,594,556	\$610,682	\$(86,078 )	\$524,604	\$(62,218 )	\$462,386
Liabilities						
	Notional <sup>1</sup>	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$17,920,104	\$111,977	\$(38,135 )	\$73,842	\$(61,094 )	\$12,748
Interest rate swaps	1,174,975	40,134	—	40,134	(23,121 )	17,013
Energy contracts	634,459	130,396	(47,576 )	82,820	—	82,820
Agricultural contracts	37,536	830	(367 )	463	—	463
Foreign exchange contracts	378,406	310,940	—	310,940	(13,716 )	297,224
Equity option contracts	185,043	8,939	—	8,939	—	8,939
Total customer risk management programs	20,330,523	603,216	(86,078 )	517,138	(97,931 )	419,207
Interest rate risk management programs	25,000	144	—	144	—	144
Total derivative contracts	\$20,355,523	\$603,360	\$(86,078 )	\$517,282	\$(97,931 )	\$419,351

<sup>1</sup> Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract.



The following table summarizes the fair values of derivative contracts recorded as “derivative contracts” assets and liabilities in the balance sheet at December 31, 2014 (in thousands):

Assets						
	Notional	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$13,313,615	\$94,719	\$(39,359)	\$55,360	\$—	\$55,360
Interest rate swaps	1,165,568	35,405	—	35,405	—	35,405
Energy contracts	579,801	141,166	(48,624)	92,542	(71,310)	21,232
Agricultural contracts	47,657	1,904	(1,256)	648	—	648
Foreign exchange contracts	290,965	238,395	—	238,395	—	238,395
Equity option contracts	194,960	10,834	—	10,834	—	10,834
Total customer risk management programs	15,592,566	522,423	(89,239)	433,184	(71,310)	361,874
Interest rate risk management programs	—	—	—	—	—	—
Total derivative contracts	\$15,592,566	\$522,423	\$(89,239)	\$433,184	\$(71,310)	\$361,874
Liabilities						
	Notional	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$13,471,880	\$91,949	\$(39,359)	\$52,590	\$(52,290)	\$300
Interest rate swaps	1,165,568	35,599	—	35,599	(18,717)	16,882
Energy contracts	579,801	142,839	(48,624)	94,215	—	94,215
Agricultural contracts	47,418	1,908	(1,256)	652	(596)	56
Foreign exchange contracts	290,856	238,118	—	238,118	(6,703)	231,415
Equity option contracts	194,960	10,834	—	10,834	—	10,834
Total customer risk management programs	15,750,483	521,247	(89,239)	432,008	(78,306)	353,702
Interest rate risk management programs	47,000	852	—	852	—	852
Total derivative contracts	\$15,797,483	\$522,099	\$(89,239)	\$432,860	\$(78,306)	\$354,554

<sup>1</sup> Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract.



The following table summarizes the fair values of derivative contracts recorded as “derivative contracts” assets and liabilities in the balance sheet at March 31, 2014 (in thousands):

Assets						
	Notional <sup>1</sup>	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$ 10,859,613	\$ 30,897	\$(20,219 )	\$ 10,678	\$—	\$ 10,678
Interest rate swaps	1,266,880	41,331	—	41,331	—	41,331
Energy contracts	1,207,861	53,440	(27,112 )	26,328	—	26,328
Agricultural contracts	111,960	4,208	(1,875 )	2,333	—	2,333
Foreign exchange contracts	123,278	123,278	—	123,278	—	123,278
Equity option contracts	208,977	17,939	—	17,939	(3,380 )	14,559
Total customer risk management programs	13,778,569	271,093	(49,206 )	221,887	(3,380 )	218,507
Interest rate risk management programs	—	—	—	—	—	—
Total derivative contracts	\$ 13,778,569	\$ 271,093	\$(49,206 )	\$ 221,887	\$(3,380 )	\$ 218,507
Liabilities						
	Notional <sup>1</sup>	Gross Fair Value	Netting Adjustments	Net Fair Value Before Cash Collateral	Cash Collateral	Fair Value Net of Cash Collateral
Customer risk management programs:						
Interest rate contracts						
To-be-announced residential mortgage-backed securities	\$ 11,398,442	\$ 27,966	\$(20,219 )	\$ 7,747	\$—	\$ 7,747
Interest rate swaps	1,266,880	41,596	—	41,596	(17,388 )	24,208
Energy contracts	1,134,208	51,308	(27,112 )	24,196	(14,202 )	9,994
Agricultural contracts	105,518	4,174	(1,875 )	2,299	(2,287 )	12
Foreign exchange contracts	122,939	122,939	—	122,939	—	122,939
Equity option contracts	208,977	17,939	—	17,939	—	17,939
Total customer risk management programs	14,236,964	265,922	(49,206 )	216,716	(33,877 )	182,839
Interest rate risk management programs	47,000	2,660	—	2,660	—	2,660
Total derivative contracts	\$ 14,283,964	\$ 268,582	\$(49,206 )	\$ 219,376	\$(33,877 )	\$ 185,499

<sup>1</sup> Notional amounts for commodity contracts are converted into dollar-equivalent amounts based on dollar prices at the inception of the contract.



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		Three Months Ended	
	March 31, 2015		March 31, 2014	
	Brokerage and Trading Revenue	Gain on Derivatives, Net	Brokerage and Trading Revenue	Gain on Derivatives, Net
Customer risk management programs:				
Interest rate contracts				
To-be-announced residential mortgage-backed securities	\$8,250	\$—	\$5,381	\$—
Interest rate swaps	473	—	507	—
Energy contracts	1,341	—	871	—
Agricultural contracts	12	—	63	—
Foreign exchange contracts	245	—	219	—
Equity option contracts	—	—	—	—
Total customer risk management programs	10,321	—	7,041	—
Interest rate risk management programs	—	911	—	968
Total derivative contracts	\$10,321	\$911	\$7,041	\$968

Net interest revenue was not significantly impacted by the settlement of amounts receivable or payable on interest rate swaps for the three and three months ended March 31, 2015 and 2014, respectively.

#### (4) Loans and Allowances for Credit Losses

##### Loans

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. Accounting policies for all loans, excluding residential mortgage loans guaranteed by U.S. government agencies, are as follows.

Interest is accrued at the applicable interest rate on the principal amount outstanding. Loans are placed on nonaccruing status when, in the opinion of management, full collection of principal or interest is uncertain. Internally risk graded loans are individually evaluated for nonaccruing status quarterly. Non-risk graded loans are generally placed on nonaccruing status when more than 90 days past due or within 60 days of being notified of the borrower's bankruptcy filing. Interest previously accrued but not collected is charged against interest income when the loan is placed on nonaccruing status. Payments on nonaccruing loans are applied to principal or recognized 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.

Loans to borrowers experiencing financial difficulties may be modified in troubled debt restructurings ("TDRs"). All TDRs are classified as nonaccruing. Modifications generally consist of extension of payment terms or interest rate concessions and may result either voluntarily through negotiations with the borrower or involuntarily through court order. Generally, principal and accrued but unpaid interest is not voluntarily forgiven.

Performing loans may be renewed under the current collateral value, debt service ratio and other underwriting standards. Nonaccruing loans may be renewed and will remain classified as nonaccruing.

All loans are charged off when the loan balance or a portion of the loan balance is no longer supported by the paying capacity of the borrower or when the required cash flow is reduced in a TDR. The charge-off amount is determined through a quarterly evaluation of available cash resources and collateral value and charge-offs are taken in the quarter in which the loss is identified. Non-risk graded loans that are past due between 60 and 180 days, based on the loan product type, are charged off. Loans to borrowers whose personal obligation has been discharged through Chapter 7 bankruptcy proceedings are charged off within 60 days of notice of the bankruptcy filing, regardless of payment status.

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.

Qualifying residential mortgage loans guaranteed by U.S. government agencies have been sold into GNMA pools. Under certain performance conditions specified in government programs, the Company may have the right, but not the obligation to repurchase loans from GNMA pools. These loans no longer qualify for sale accounting and are recognized in the Consolidated Balance Sheets. Guaranteed loans are considered impaired because we do not expect to receive all principal and interest based on the loan's contractual terms. The principal balance continues to be guaranteed; however, interest accrues at a curtailed rate as specified in the programs. The carrying value of these loans is reduced based on an estimate of the expected cash flows discounted at the original note rate plus a liquidity spread. Guaranteed loans may be modified in TDRs in accordance with U.S. government agency guidelines. Interest

continues to accrue based on the modified rate. Guaranteed loans may either be resold into GNMA pools after a performance period specified by the programs or foreclosed and conveyed to the guarantors.

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.

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

	March 31, 2015				December 31, 2014			
	Fixed Rate	Variable Rate	Non-accrual	Total	Fixed Rate	Variable Rate	Non-accrual	Total
Commercial	\$1,807,837	\$7,569,446	\$ 13,880	\$9,391,163	\$1,736,976	\$7,345,167	\$ 13,527	\$9,095,670
Commercial real estate	703,511	2,212,051	19,902	2,935,464	721,513	1,988,080	18,557	2,728,150
Residential mortgage	1,679,211	201,301	46,487	1,926,999	1,698,620	202,771	48,121	1,949,512
Consumer	100,719	329,327	464	430,510	102,865	331,274	566	434,705
Total	\$4,291,278	\$10,312,125	\$ 80,733	\$14,684,136	\$4,259,974	\$9,867,292	\$ 80,771	\$14,208,037
Accruing loans past due (90 days) <sup>1</sup>				\$523				\$125

  

	March 31, 2014			
	Fixed Rate	Variable Rate	Non-accrual	Total
Commercial	\$1,649,164	\$6,383,495	\$ 19,047	\$8,051,706
Commercial real estate	764,688	1,827,414	39,305	2,631,407
Residential mortgage	1,749,693	223,602	45,380	2,018,675
Consumer	125,757	249,335	974	376,066
Total	\$4,289,302	\$8,683,846	\$ 104,706	\$13,077,854
Accruing loans past due (90 days) <sup>1</sup>				\$1,991

<sup>1</sup> Excludes residential mortgage loans guaranteed by agencies of the U.S. government

At March 31, 2015, \$5.1 billion or 35% of our total loan portfolio is to businesses and individuals attributed to the Texas market and \$3.4 billion or 23% of the total loan portfolio is to businesses and individuals attributed to the Oklahoma market. 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 March 31, 2015, commercial loans attributed to the Texas market totaled \$3.4 billion or 36% of the commercial loan portfolio segment and commercial loans attributed to the Oklahoma market totaled \$2.0 billion or 21% of the commercial loan portfolio segment.

The commercial loan portfolio segment is further divided into loan classes. The energy loan class totaled \$2.9 billion or 20% of total loans at March 31, 2015, including \$2.5 billion of outstanding loans to energy producers. Approximately 61% of committed production loans are secured by properties primarily producing oil and 39% are

secured by properties producing natural gas. The services loan class totaled \$2.7 billion at March 31, 2015. Approximately \$1.2 billion of loans in the services category consist of loans with individual balances of less than \$10 million. Businesses included in the services class include governmental, finance and insurance, educational services, religious and similar entities.

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## 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 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 March 31, 2015, 34% of commercial real estate loans are secured by properties primarily located in the Dallas and Houston areas of Texas. An additional 15% 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 March 31, 2015, residential mortgage loans included \$200 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 \$763 million at March 31, 2015. Approximately, 70% of the home equity loan portfolio is comprised of first lien loans and 30% of the home equity portfolio is comprised of junior lien loans. Junior lien loans are distributed 71% to amortizing term loans and 29% 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. Revolving loans have a 5 year revolving period followed by a 15 year term of amortizing repayments. Interest-only home equity loans may not be extended for any additional revolving time. All other home equity loans may be extended at management's discretion for an additional 5 year revolving term, subject to an update of certain credit information.

## 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 March 31, 2015, outstanding commitments totaled \$8.1 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.

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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 March 31, 2015, outstanding standby letters of credit totaled \$394 million. Commercial letters of credit are used to facilitate customer trade transactions with the drafts being drawn when the underlying transaction is consummated. At March 31, 2015, outstanding commercial letters of credit totaled \$6.6 million.

#### Allowances for Credit Losses

BOK Financial maintains an allowance for loan losses and an accrual for off-balance sheet credit risk. The accrual for off-balance sheet credit risk is maintained at a level that is appropriate to cover estimated losses associated with credit instruments that are not currently recognized as assets such as loan commitments, standby letters of credit or guarantees. As discussed in greater detail in Note 5, the Company also has separate accruals for 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 (collectively "allowance for 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 months ended March 31, 2015.

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. 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. Non-risk graded loans are identified as impaired based on performance status. Generally, non-risk graded loans 90 days or more past due or modified in a TDR or in bankruptcy are considered to be impaired.

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 generally not adjusted by the Company. Updated appraisals are obtained at least annually or more frequently if market conditions indicate collateral values have declined. 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. Historical statistics may be used as a practical way to estimate impairment in limited situations, such as when a collateral dependent loan is identified as impaired at the end of a reporting period, 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 may be volatile.



General allowances for unimpaired loans are based on estimated loss rates by loan class. The gross loss rate for each loan class is determined by the greater of the current gross loss rate based on the most recent twelve months or a ten-year gross loss rate. Recoveries are not directly considered in the estimation of loss rates. Recoveries generally do not follow predictable patterns and are not received until well after the charge-off date as a result of protracted legal actions. For risk graded loans, gross loss rates are adjusted for changes in risk grading. For each loan class, the current weighted average risk grade is compared to the long-term average risk grade. This comparison determines whether credit risk in each loan class is increasing or decreasing. Loss rates are adjusted upward or downward in proportion to changes in average risk grading. General allowances for unimpaired loans also consider inherent risks identified for each loan class. Inherent risks consider loss rates that most appropriately represent the current credit cycle and other factors attributable to specific loan classes which have not yet been represented in the gross loss rates or risk grading. These factors include changes in commodity prices or engineering imprecision, which may affect the value of reserves that secure our energy loan portfolio, construction risk that may affect commercial real estate loans, changes in regulations and public policy that may disproportionately impact health care loans and changes in loan products.

Nonspecific allowances are maintained for risks beyond factors specific to a particular loan or loan class. These factors include trends in the economy of our primary lending areas, concentrations in large balance loans 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.

A provision for credit losses is charged against or credited to earnings in amounts necessary to maintain an appropriate allowance for credit losses. Recoveries of loans previously charged off are added to the allowance when received.

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 March 31, 2015 is summarized as follows (in thousands):

	Commercial	Commercial Real Estate	Residential Mortgage	Consumer	Nonspecific Allowance	Total
Allowance for loan losses:						
Beginning balance	\$90,875	\$42,445	\$23,458	\$4,233	\$28,045	\$189,056
Provision for loan losses	10,353	(10,417 )	(27 )	339	28	276
Loans charged off	(174 )	(28 )	(624 )	(1,343 )	—	(2,169 )
Recoveries	357	8,819	437	910	—	10,523
Ending balance	\$101,411	\$40,819	\$23,244	\$4,139	\$28,073	\$197,686
Allowance for off-balance sheet credit losses:						
Beginning balance	\$475	\$707	\$28	\$20	\$—	\$1,230
Provision for off-balance sheet credit losses	102	(374 )	(4 )	—	—	(276 )
Ending balance	\$577	\$333	\$24	\$20	\$—	\$954
Total provision for credit losses	\$10,455	\$(10,791 )	\$(31 )	\$339	\$28	\$—

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 March 31, 2014 is summarized as follows (in thousands):

	Commercial	Commercial Real Estate	Residential Mortgage	Consumer	Nonspecific Allowance	Total
Allowance for loan losses:						
Beginning balance	\$79,180	\$41,573	\$29,465	\$6,965	\$28,213	\$185,396
Provision for loan losses	4,225	(1,591 )	(516 )	(460 )	(1,248 )	410
Loans charged off	(144 )	(220 )	(996 )	(1,488 )	—	(2,848 )
Recoveries	1,985	1,827	354	1,194	—	5,360
Ending balance	\$85,246	\$41,589	\$28,307	\$6,211	\$26,965	\$188,318
Allowance for off-balance sheet credit losses:						
Beginning balance	\$119	\$1,876	\$90	\$3	\$—	\$2,088
Provision for off-balance sheet credit losses	457	(836 )	(28 )	(3 )	—	(410 )
Ending balance	\$576	\$1,040	\$62	\$—	\$—	\$1,678
Total provision for credit losses	\$4,682	\$(2,427 )	\$(544 )	\$(463 )	\$(1,248 )	\$—

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at March 31, 2015 is as follows (in thousands):

	Collectively Measured for Impairment		Individually Measured for Impairment		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$9,377,283	\$101,214	\$13,880	\$197	\$9,391,163	\$101,411
Commercial real estate	2,915,562	40,801	19,902	18	2,935,464	40,819
Residential mortgage	1,880,512	23,142	46,487	102	1,926,999	23,244
Consumer	430,046	4,139	464	—	430,510	4,139
Total	14,603,403	169,296	80,733	317	14,684,136	169,613
Nonspecific allowance	—	—	—	—	—	28,073
Total	\$14,603,403	\$169,296	\$80,733	\$317	\$14,684,136	\$197,686

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at December 31, 2014 is as follows (in thousands):

	Collectively Measured for Impairment		Individually Measured for Impairment		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$9,082,143	\$90,709	\$13,527	\$166	\$9,095,670	\$90,875
Commercial real estate	2,709,593	42,404	18,557	41	2,728,150	42,445
Residential mortgage	1,901,391	23,353	48,121	105	1,949,512	23,458
Consumer	434,139	4,233	566	—	434,705	4,233
Total	14,127,266	160,699	80,771	312	14,208,037	161,011
Nonspecific allowance	—	—	—	—	—	28,045
Total	\$14,127,266	\$160,699	\$80,771	\$312	\$14,208,037	\$189,056

The allowance for loan losses and recorded investment of the related loans by portfolio segment for each impairment measurement method at March 31, 2014 is as follows (in thousands):

	Collectively Measured for Impairment		Individually Measured for Impairment		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$8,032,659	\$81,813	\$19,047	\$3,433	\$8,051,706	\$85,246
Commercial real estate	2,592,102	41,404	39,305	185	2,631,407	41,589
Residential mortgage	1,973,295	27,766	45,380	541	2,018,675	28,307
Consumer	375,092	6,211	974	—	376,066	6,211
Total	12,973,148	157,194	104,706	4,159	13,077,854	161,353
Nonspecific allowance	—	—	—	—	—	26,965
Total	\$12,973,148	\$157,194	\$104,706	\$4,159	\$13,077,854	\$188,318

#### Credit Quality Indicators

The Company utilizes loan class and risk grading as primary credit quality indicators. 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 March 31, 2015 is as follows (in thousands):

	Internally Risk Graded		Non-Graded		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$9,367,119	\$100,592	\$24,044	\$819	\$9,391,163	\$101,411
Commercial real estate	2,935,464	40,819	—	—	2,935,464	40,819
Residential mortgage	196,782	3,028	1,730,217	20,216	1,926,999	23,244
Consumer	341,530	1,386	88,980	2,753	430,510	4,139
Total	12,840,895	145,825	1,843,241	23,788	14,684,136	169,613
Nonspecific allowance	—	—	—	—	—	28,073
Total	\$12,840,895	\$145,825	\$1,843,241	\$23,788	\$14,684,136	\$197,686

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, 2014 is as follows (in thousands):

	Internally Risk Graded		Non-Graded		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$9,073,030	\$90,085	\$22,640	\$790	\$9,095,670	\$90,875
Commercial real estate	2,728,150	42,445	—	—	2,728,150	42,445
Residential mortgage	192,303	2,996	1,757,209	20,462	1,949,512	23,458
Consumer	343,227	1,506	91,478	2,727	434,705	4,233
Total	12,336,710	137,032	1,871,327	23,979	14,208,037	161,011
Nonspecific allowance	—	—	—	—	—	28,045
Total	\$12,336,710	\$137,032	\$1,871,327	\$23,979	\$14,208,037	\$189,056

The allowance for loan losses and recorded investment of the related loans by portfolio segment for risk graded and non-risk graded loans at March 31, 2014 is as follows (in thousands):

	Internally Risk Graded		Non-Graded		Total	
	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance	Recorded Investment	Related Allowance
Commercial	\$8,029,443	\$84,333	\$22,263	\$913	\$8,051,706	\$85,246
Commercial real estate	2,631,407	41,589	—	—	2,631,407	41,589
Residential mortgage	209,608	4,695	1,809,067	23,612	2,018,675	28,307
Consumer	269,985	2,765	106,081	3,446	376,066	6,211
Total	11,140,443	133,382	1,937,411	27,971	13,077,854	161,353
Nonspecific allowance	—	—	—	—	—	26,965
Total	\$11,140,443	\$133,382	\$1,937,411	\$27,971	\$13,077,854	\$188,318

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 guidelines. 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 nonaccruing status. Known information does, however, cause concern as to the borrowers’ continued compliance with current repayment terms. Nonaccruing 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 March 31, 2015 by the risk grade categories (in thousands):

	Internally Risk Graded		Nonaccrual	Non-Graded		Total
	Performing	Potential Problem		Performing	Nonaccrual	
<b>Commercial:</b>						
Energy	\$2,857,004	\$44,115	\$1,875	\$—	\$—	\$2,902,994
Services	2,709,357	14,253	4,744	—	—	2,728,354
Wholesale/retail	1,241,961	23,960	4,401	—	—	1,270,322
Manufacturing	546,566	13,942	417	—	—	560,925
Healthcare	1,505,072	4,547	1,558	—	—	1,511,177
Other commercial and industrial	392,549	—	798	23,957	87	417,391
<b>Total commercial</b>	<b>9,252,509</b>	<b>100,817</b>	<b>13,793</b>	<b>23,957</b>	<b>87</b>	<b>9,391,163</b>
<b>Commercial real estate:</b>						
Residential construction and land development	128,795	759	9,598	—	—	139,152
Retail	654,429	574	3,857	—	—	658,860
Office	510,881	571	2,410	—	—	513,862
Multifamily	737,750	12,236	—	—	—	749,986
Industrial	478,508	—	76	—	—	478,584
Other commercial real estate	390,345	714	3,961	—	—	395,020
<b>Total commercial real estate</b>	<b>2,900,708</b>	<b>14,854</b>	<b>19,902</b>	<b>—</b>	<b>—</b>	<b>2,935,464</b>
<b>Residential mortgage:</b>						
Permanent mortgage	192,473	2,069	2,240	736,357	31,125	964,264
Permanent mortgages guaranteed by U.S. government agencies	—	—	—	196,923	3,256	200,179
Home equity	—	—	—	752,690	9,866	762,556
<b>Total residential mortgage</b>	<b>192,473</b>	<b>2,069</b>	<b>2,240</b>	<b>1,685,970</b>	<b>44,247</b>	<b>1,926,999</b>
Consumer	341,355	17	158	88,674	306	430,510
<b>Total</b>	<b>\$12,687,045</b>	<b>\$117,757</b>	<b>\$36,093</b>	<b>\$1,798,601</b>	<b>\$44,640</b>	<b>\$14,684,136</b>

The following table summarizes the Company's loan portfolio at December 31, 2014 by the risk grade categories (in thousands):

	Internally Risk Graded		Nonaccrual	Non-Graded		Total
	Performing	Potential Problem		Performing	Nonaccrual	
<b>Commercial:</b>						
Energy	\$2,843,093	\$15,919	\$1,416	\$—	\$—	\$2,860,428
Services	2,497,888	15,140	5,201	—	—	2,518,229
Wholesale/retail	1,301,026	8,141	4,149	—	—	1,313,316
Manufacturing	527,951	4,193	450	—	—	532,594
Healthcare	1,449,024	4,565	1,380	—	—	1,454,969
Other commercial and industrial	389,378	3,293	823	22,532	108	416,134
<b>Total commercial</b>	<b>9,008,360</b>	<b>51,251</b>	<b>13,419</b>	<b>22,532</b>	<b>108</b>	<b>9,095,670</b>
<b>Commercial real estate:</b>						
Residential construction and land development	127,437	10,855	5,299	—	—	143,591
Retail	662,335	628	3,926	—	—	666,889
Office	411,548	576	3,420	—	—	415,544
Multifamily	691,053	13,245	—	—	—	704,298
Industrial	428,817	—	—	—	—	428,817
Other commercial real estate	362,375	724	5,912	—	—	369,011
<b>Total commercial real estate</b>	<b>2,683,565</b>	<b>26,028</b>	<b>18,557</b>	<b>—</b>	<b>—</b>	<b>2,728,150</b>
<b>Residential mortgage:</b>						
Permanent mortgage	187,520	1,773	3,010	745,813	31,835	969,951
Permanent mortgages guaranteed by U.S. government agencies	—	—	—	202,238	3,712	205,950
Home equity	—	—	—	764,047	9,564	773,611
<b>Total residential mortgage</b>	<b>187,520</b>	<b>1,773</b>	<b>3,010</b>	<b>1,712,098</b>	<b>45,111</b>	<b>1,949,512</b>
Consumer	343,041	19	167	91,079	399	434,705
<b>Total</b>	<b>\$12,222,486</b>	<b>\$79,071</b>	<b>\$35,153</b>	<b>\$1,825,709</b>	<b>\$45,618</b>	<b>\$14,208,037</b>

The following table summarizes the Company's loan portfolio at March 31, 2014 by the risk grade categories (in thousands):

	Internally Risk Graded		Nonaccrual	Non-Graded		Total
	Performing	Potential Problem		Performing	Nonaccrual	
<b>Commercial:</b>						
Energy	\$2,339,578	\$2,735	\$1,759	\$—	\$—	\$2,344,072
Services	2,213,569	14,321	4,581	—	—	2,232,471
Wholesale/retail	1,216,725	2,411	6,854	—	—	1,225,990
Manufacturing	429,523	11,127	3,565	—	—	444,215
Healthcare	1,392,315	2,804	1,443	—	—	1,396,562
Other commercial and industrial	381,202	4,200	731	22,149	114	408,396
<b>Total commercial</b>	<b>7,972,912</b>	<b>37,598</b>	<b>18,933</b>	<b>22,149</b>	<b>114</b>	<b>8,051,706</b>
<b>Commercial real estate:</b>						
Residential construction and land development	153,836	14,437	16,547	—	—	184,820
Retail	634,253	1,627	4,626	—	—	640,506
Office	428,815	1,148	6,301	—	—	436,264
Multifamily	648,999	13,675	—	—	—	662,674
Industrial	304,321	—	886	—	—	305,207
Other commercial real estate	388,122	2,869	10,945	—	—	401,936
<b>Total commercial real estate</b>	<b>2,558,346</b>	<b>33,756</b>	<b>39,305</b>	<b>—</b>	<b>—</b>	<b>2,631,407</b>
<b>Residential mortgage:</b>						
Permanent mortgage	200,662	2,704	6,242	793,864	30,100	1,033,572
Permanent mortgages guaranteed by U.S. government agencies	—	—	—	183,250	1,572	184,822
Home equity	—	—	—	792,815	7,466	800,281
<b>Total residential mortgage</b>	<b>200,662</b>	<b>2,704</b>	<b>6,242</b>	<b>1,769,929</b>	<b>39,138</b>	<b>2,018,675</b>
Consumer	269,764	27	194	105,301	780	376,066
<b>Total</b>	<b>\$11,001,684</b>	<b>\$74,085</b>	<b>\$64,674</b>	<b>\$1,897,379</b>	<b>\$40,032</b>	<b>\$13,077,854</b>

## 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. This includes all nonaccruing loans, all loans modified in a TDR and all loans repurchased from GNMA pools.

A summary of impaired loans follows (in thousands):

	As of March 31, 2015					For the Three Months Ended March 31, 2015	
	Unpaid Principal Balance	Total Recorded Investment	With No Allowance	With Allowance	Related Allowance	Average Recorded Investment	Interest Income Recognized
<b>Commercial:</b>							
Energy	\$1,884	\$1,875	\$1,875	\$—	\$—	\$1,646	\$—
Services	7,698	4,744	4,051	693	153	4,972	—
Wholesale/retail	9,953	4,401	4,369	32	9	4,275	—
Manufacturing	716	417	417	—	—	433	—
Healthcare	2,626	1,558	1,362	196	35	1,469	—
Other commercial and industrial	8,559	885	885	—	—	908	—
Total commercial	31,436	13,880	12,959	921	197	13,703	—
<b>Commercial real estate:</b>							
Residential construction and land development	14,367	9,598	9,598	—	—	7,449	—
Retail	5,376	3,857	3,857	—	—	3,892	—
Office	4,464	2,410	2,410	—	—	2,915	—
Multifamily	—	—	—	—	—	—	—
Industrial	76	76	76	—	—	38	—
Other real estate loans	9,950	3,961	3,791	170	18	4,936	—
Total commercial real estate	34,233	19,902	19,732	170	18	19,230	—
<b>Residential mortgage:</b>							
Permanent mortgage	42,011	33,365	33,200	165	102	34,105	315
Permanent mortgage guaranteed by U.S. government agencies <sup>1</sup>	207,133	200,179	200,179	—	—	207,795	2,256
Home equity	10,129	9,866	9,866	—	—	9,715	—
Total residential mortgage	259,273	243,410	243,245	165	102	251,615	2,571
Consumer	482	464	464	—	—	515	—
<b>Total</b>	<b>\$325,424</b>	<b>\$277,656</b>	<b>\$276,400</b>	<b>\$1,256</b>	<b>\$317</b>	<b>\$285,063</b>	<b>\$2,571</b>

All permanent mortgage loans guaranteed by U.S. government agencies are considered impaired as we do not

<sup>1</sup> expect full collection of contractual principal and interest. At March 31, 2015, \$3.3 million of these loans were nonaccruing and \$197 million were accruing based on the guarantee by U.S. government agencies.

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



A summary of impaired loans at December 31, 2014 follows (in thousands):

	Unpaid Principal Balance	Recorded Investment			
		Total	With No Allowance	With Allowance	Related Allowance
Commercial:					
Energy	\$ 1,444	\$ 1,416	\$ 1,416	\$—	\$—
Services	8,068	5,201	4,487	714	157
Wholesale/retail	9,457	4,149	4,117	32	9
Manufacturing	737	450	450	—	—
Healthcare	2,432	1,380	1,380	—	—
Other commercial and industrial	8,604	931	931	—	—
Total commercial	30,742	13,527	12,781	746	166
Commercial real estate:					
Residential construction and land development	10,071	5,299	5,192	107	23
Retail	5,406	3,926	3,926	—	—
Office	5,959	3,420	3,420	—	—
Multifamily	—	—	—	—	—
Industrial	—	—	—	—	—
Other real estate loans	11,954	5,912	5,739	173	18
Total commercial real estate	33,390	18,557	18,277	280	41
Residential mortgage:					
Permanent mortgage	43,463	34,845	34,675	170	105
Permanent mortgage guaranteed by U.S. government agencies <sup>1</sup>	212,684	205,950	205,950	—	—
Home equity	9,767	9,564	9,564	—	—
Total residential mortgage	265,914	250,359	250,189	170	105
Total consumer	584	566	566	—	—
Total	\$ 330,630	\$ 283,009	\$ 281,813	\$ 1,196	\$ 312

All permanent mortgage loans guaranteed by U.S. government agencies are considered impaired as we do not

<sup>1</sup> expect full collection of contractual principal and interest. At December 31, 2014, \$3.7 million of these loans were nonaccruing and \$202 million were accruing based on the guarantee by U.S. government agencies.

A summary of impaired loans at March 31, 2014 follows (in thousands):

	As of March 31, 2014					For the Three Months Ended March 31, 2014	
	Unpaid Principal Balance	Total Recorded Investment	With No Allowance	With Allowance	Related Allowance	Average Recorded Investment	Interest Income Recognized
<b>Commercial:</b>							
Energy	\$ 1,787	\$ 1,759	\$ 1,759	\$ —	\$ —	\$ 1,809	\$ —
Services	7,475	4,581	3,544	1,037	424	4,752	—
Wholesale/retail	11,765	6,853	6,821	32	9	6,911	—
Manufacturing	3,806	3,565	565	3,000	3,000	2,078	—
Healthcare	2,466	1,443	1,443	—	—	1,514	—
Other commercial and industrial	8,510	845	845	—	—	838	—
Total commercial	35,809	19,046	14,977	4,069	3,433	17,902	—
<b>Commercial real estate:</b>							
Residential construction and land development	20,866	16,547	15,893	654	162	16,962	—
Retail	6,462	4,626	4,626	—	—	4,742	—
Office	8,688	6,301	6,296	5	5	6,346	—
Multifamily	—	—	—	—	—	3	—
Industrial	1,043	886	886	—	—	569	—
Other real estate loans	17,692	10,945	10,761	184	18	11,455	—
Total commercial real estate	54,751	39,305	38,462	843	185	40,077	—
<b>Residential mortgage:</b>							
Permanent mortgage	45,215	36,342	35,747	595	541	35,310	345
Permanent mortgage guaranteed by U.S. government agencies <sup>1</sup>	191,067	184,822	184,822	—	—	186,987	2,136
Home equity	7,475	7,466	7,466	—	—	7,365	—
Total residential mortgage	243,757	228,630	228,035	595	541	229,662	2,481
Total consumer	989	974	974	—	—	1,097	—
Total	\$ 335,306	\$ 287,955	\$ 282,448	\$ 5,507	\$ 4,159	\$ 288,738	\$ 2,481

All permanent mortgage loans guaranteed by U.S. government agencies are considered impaired as we do not expect full collection of contractual principal and interest. At March 31, 2014, \$1.6 million of these loans were nonaccruing and \$183 million were accruing based on the guarantee by U.S. government agencies.

## Troubled Debt Restructurings

A summary of troubled debt restructurings ("TDRs") by accruing status as of March 31, 2015 is as follows (in thousands):

	As of March 31, 2015				Amounts Charged Off During the Three Months Ended March 31, 2015
	Recorded Investment	Performing in Accordance With Modified Terms	Not Performing in Accordance With Modified Terms	Specific Allowance	
Nonaccruing TDRs:					
Commercial:					
Energy	\$—	\$—	\$—	\$—	\$—
Services	1,617	687	930	148	—
Wholesale/retail	3,224	3,131	93	9	—
Manufacturing	325	325	—	—	—
Healthcare	—	—	—	—	—
Other commercial and industrial	636	87	549	—	—
Total commercial	5,802	4,230	1,572	157	—
Commercial real estate:					
Residential construction and land development	7,234	5,724	1,510	—	—
Retail	3,543	1,384	2,159	—	—
Office	1,364	182	1,182	—	—
Multifamily	—	—	—	—	—
Industrial	—	—	—	—	—
Other real estate loans	1,474	1,001	473	—	—
Total commercial real estate	13,615	8,291	5,324	—	—
Residential mortgage:					
Permanent mortgage	15,680	11,667	4,013	102	5
Permanent mortgage guaranteed by U.S. government agencies	1,579	320	1,259	—	—
Home equity	5,298	4,333	965	—	24
Total residential mortgage	22,557	16,320	6,237	102	29
Consumer	410	254	156	—	4
Total nonaccruing TDRs	\$42,384	\$29,095	\$13,289	\$259	\$33
Accruing TDRs:					
Permanent mortgages guaranteed by U.S. government agencies	80,225	24,483	55,742	—	—
Total TDRs	\$122,609	\$53,578	\$69,031	\$259	\$33



A summary of troubled debt restructurings by accruing status as of December 31, 2014 is as follows (in thousands):

	As of December 31, 2014		Not Performing in Accordance With Modified Terms	Specific Allowance
	Recorded Investment	Performing in Accordance With Modified Terms		
Nonaccruing TDRs:				
Commercial:				
Energy	\$—	\$—	\$—	\$—
Services	1,666	706	960	148
Wholesale/retail	3,381	3,284	97	9
Manufacturing	340	340	—	—
Healthcare	—	—	—	—
Other commercial and industrial	674	93	581	—
Total commercial	6,061	4,423	1,638	157
Commercial real estate:				
Residential construction and land development	3,140	641	2,499	23
Retail	3,600	2,432	1,168	—
Office	2,324	—	2,324	—
Multifamily	—	—	—	—
Industrial	—	—	—	—
Other real estate loans	1,647	1,647	—	—
Total commercial real estate	10,711	4,720	5,991	23
Residential mortgage:				
Permanent mortgage	16,393	11,134	5,259	105
Permanent mortgage guaranteed by U.S. government agencies	1,597	179	1,418	—
Home equity	5,184	3,736	1,448	—
Total residential mortgage	23,174	15,049	8,125	105
Consumer	419	253	166	—
Total nonaccruing TDRs	\$40,365	\$24,445	\$ 15,920	\$285
Accruing TDRs:				
Permanent mortgages guaranteed by U.S. government agencies	73,985	17,274	56,711	—
Total TDRs	\$114,350	\$41,719	\$ 72,631	\$285



A summary of troubled debt restructurings by accruing status as of March 31, 2014 is as follows (in thousands):

As of March 31, 2014

	Recorded Investment	Performing in Accordance With Modified Terms	Not Performing in Accordance With Modified Terms	Specific Allowance	Amounts Charged Off During the Three Months Ended March 31, 2014
Nonaccruing TDRs:					
Commercial:					
Energy	\$—	\$—	\$—	\$—	\$—
Services	1,811	761	1,050	148	—
Wholesale/retail	207	73	134	9	—
Manufacturing	3,384	384	3,000	3,000	—
Healthcare	—	—	—	—	—
Other commercial and industrial	750	194	556	—	—
Total commercial	6,152	1,412	4,740	3,157	—
Commercial real estate:					
Residential construction and land development	10,083	1,839	8,244	162	—
Retail	4,140	2,584	1,556	—	—
Office	5,029	3,848	1,181	—	—
Multifamily	—	—	—	—	—
Industrial	—	—	—	—	—
Other real estate loans	4,818	3,277	1,541	—	67
Total commercial real estate	24,070	11,548	12,522	162	67
Residential mortgage:					
Permanent mortgage	18,755	13,117	5,638	85	208
Permanent mortgage guaranteed by U.S. government agencies	474	181	293	—	—
Home equity	4,037	3,451	586	—	14
Total residential mortgage	23,266	16,749	6,517	85	222
Consumer	759	583	176	—	—
Total nonaccruing TDRs	\$54,247	\$30,292	\$23,955	\$3,404	\$289
Accruing TDRs:					
Permanent mortgages guaranteed by U.S. government agencies	55,507	15,649	39,858	—	—
Total TDRs	\$109,754	\$45,941	\$63,813	\$3,404	\$289

Troubled debt restructurings generally consist of interest rate concessions, payment stream concessions or a combination of concessions to distressed borrowers. The following tables detail the recorded balance of loans at March 31, 2015 by class that were restructured during the three months ended March 31, 2015 by primary type of concession (in thousands):

	Three Months Ended March 31, 2015			Nonaccrual			Total
	Accruing Payment Stream	Combination & Other	Total	Payment Stream	Combination & Other	Total	
<b>Commercial:</b>							
Energy	\$—	\$—	\$—	\$—	\$—	\$—	\$—
Services	—	—	—	—	—	—	—
Wholesale/retail	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Healthcare	—	—	—	—	—	—	—
Other commercial and industrial	—	—	—	—	—	—	—
Total commercial	—	—	—	—	—	—	—
<b>Commercial real estate:</b>							
Residential construction and land development	—	—	—	4,649	—	4,649	4,649
Retail	—	—	—	—	—	—	—
Office	—	—	—	—	—	—	—
Multifamily	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—
Other real estate loans	—	—	—	—	—	—	—
Total commercial real estate	—	—	—	4,649	—	4,649	4,649
<b>Residential mortgage:</b>							
Permanent mortgage	—	—	—	659	622	1,281	1,281
Permanent mortgage guaranteed by U.S. government agencies	7,990	6,308	14,298	—	142	142	14,440
Home equity	—	—	—	152	842	994	994
Total residential mortgage	7,990	6,308	14,298	811	1,606	2,417	16,715
Consumer	—	—	—	—	63	63	63
Total	\$7,990	\$6,308	\$14,298	\$5,460	\$1,669	\$7,129	\$21,427

Troubled debt restructurings generally consist of interest rate concessions, payment stream concessions or a combination of concessions to distressed borrowers. The following tables detail the recorded balance of loans by class that were restructured during three months ended March 31, 2014 by primary type of concession (in thousands):

	Three Months Ended March 31, 2014						Total
	Accruing Payment Stream	Combination & Other	Total	Nonaccrual Payment Stream	Combination & Other	Total	
Commercial:							
Energy	\$—	\$—	\$—	\$—	\$—	\$—	\$—
Services	—	—	—	—	—	—	—
Wholesale/retail	—	—	—	—	—	—	—
Manufacturing	—	—	—	3,000	—	3,000	3,000
Healthcare	—	—	—	—	—	—	—
Other commercial and industrial	—	—	—	—	29	29	29
Total commercial	—	—	—	3,000	29	3,029	3,029
Commercial real estate:							
Residential construction and land development	—	—	—	428	—	428	428
Retail	—	—	—	—	—	—	—
Office	—	—	—	—	—	—	—
Multifamily	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—
Other real estate loans	—	—	—	—	—	—	—
Total commercial real estate	—	—	—	428	—	428	428
Residential mortgage:							
Permanent mortgage	—	—	—	64	461	525	525
Permanent mortgage guaranteed by U.S. government agencies	1,653	2,891	4,544	—	—	—	4,544
Home equity	—	—	—	—	346	346	346
Total residential mortgage	1,653	2,891	4,544	64	807	871	5,415
Consumer	—	—	—	—	36	36	36
Total	\$1,653	\$2,891	\$4,544	\$3,492	\$872	\$4,364	\$8,908

The following table summarizes, by loan class, the recorded investment at March 31, 2015 and 2014, respectively, of loans modified as TDRs within the previous 12 months and for which there was a payment default during the three months ended March 31, 2015 and 2014, respectively (in thousands):

	Three Months Ended March 31, 2015			Three Months Ended March 31, 2014		
	Accruing	Nonaccrual	Total	Accruing	Nonaccrual	Total
Commercial:						
Energy	\$—	\$—	\$—	\$—	\$—	\$—
Services	—	—	—	—	1,050	1,050
Wholesale/retail	—	—	—	—	—	—
Manufacturing	—	—	—	—	3,000	3,000
Healthcare	—	—	—	—	—	—
Other commercial and industrial	—	—	—	—	—	—
Total commercial	—	—	—	—	4,050	4,050
Commercial real estate:						
Residential construction and land development	—	363	363	—	—	—
Retail	—	—	—	—	473	473
Office	—	—	—	—	206	206
Multifamily	—	—	—	—	—	—
Industrial	—	—	—	—	—	—
Other real estate loans	—	—	—	—	—	—
Total commercial real estate	—	363	363	—	679	679
Residential mortgage:						
Permanent mortgage	—	2,383	2,383	—	445	445
Permanent mortgage guaranteed by U.S. government agencies	33,920	673	34,593	13,686	293	13,979
Home equity	—	693	693	—	427	427
Total residential mortgage	33,920	3,749	37,669	13,686	1,165	14,851
Consumer	—	24	24	—	45	45
Total	\$33,920	\$4,136	\$38,056	\$13,686	\$5,939	\$19,625

A payment default is defined as being 30 days or more past due. The table above includes loans that experienced a payment default during the period, but may be performing in accordance with the modified terms as of the balance sheet date.

## Nonaccrual &amp; 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 March 31, 2015 is as follows (in thousands):

	Current	Past Due 30 to 89 Days	90 Days or More	Nonaccrual	Total
Commercial:					
Energy	\$2,894,332	\$6,787	\$—	\$1,875	\$2,902,994
Services	2,723,146	415	49	4,744	2,728,354
Wholesale/retail	1,265,921	—	—	4,401	1,270,322
Manufacturing	560,008	500	—	417	560,925
Healthcare	1,509,594	25	—	1,558	1,511,177
Other commercial and industrial	416,362	115	29	885	417,391
Total commercial	9,369,363	7,842	78	13,880	9,391,163
Commercial real estate:					
Residential construction and land development	129,554	—	—	9,598	139,152
Retail	654,558	—	445	3,857	658,860
Office	511,452	—	—	2,410	513,862
Multifamily	745,247	4,739	—	—	749,986
Industrial	478,508	—	—	76	478,584
Other real estate loans	390,411	648	—	3,961	395,020
Total commercial real estate	2,909,730	5,387	445	19,902	2,935,464
Residential mortgage:					
Permanent mortgage	926,848	4,051	—	33,365	964,264
Permanent mortgages guaranteed by U.S. government agencies	39,309	22,370	135,244	3,256	200,179
Home equity	749,618	3,072	—	9,866	762,556
Total residential mortgage	1,715,775	29,493	135,244	46,487	1,926,999
Consumer	429,618	428	—	464	430,510
Total	\$14,424,486	\$43,150	\$135,767	\$80,733	\$14,684,136

A summary of loans currently performing, loans past due and accruing and nonaccrual loans as of December 31, 2014 is as follows (in thousands):

	Current	Past Due 30 to 89 Days	90 Days or More	Nonaccrual	Total
Commercial:					
Energy	\$2,857,082	\$1,930	\$—	\$1,416	\$2,860,428
Services	2,511,892	1,136	—	5,201	2,518,229
Wholesale/retail	1,309,167	—	—	4,149	1,313,316
Manufacturing	532,144	—	—	450	532,594
Healthcare	1,453,409	180	—	1,380	1,454,969
Other commercial and industrial	415,030	173	—	931	416,134
Total commercial	9,078,724	3,419	—	13,527	9,095,670
Commercial real estate:					
Residential construction and land development	133,642	4,650	—	5,299	143,591
Retail	662,963	—	—	3,926	666,889
Office	412,124	—	—	3,420	415,544
Multifamily	704,298	—	—	—	704,298
Industrial	428,817	—	—	—	428,817
Other real estate loans	362,529	570	—	5,912	369,011
Total commercial real estate	2,704,373	5,220	—	18,557	2,728,150
Residential mortgage:					
Permanent mortgage	929,090	5,970	46	34,845	969,951
Permanent mortgages guaranteed by U.S. government agencies	26,691	23,558	151,989	3,712	205,950
Home equity	761,247	2,723	77	9,564	773,611
Total residential mortgage	1,717,028	32,251	152,112	48,121	1,949,512
Consumer	433,590	547	2	566	434,705
Total	\$13,933,715	\$41,437	\$152,114	\$80,771	\$14,208,037

A summary of loans currently performing, loans past due and accruing and nonaccrual loans as of March 31, 2014 is as follows (in thousands):

	Current	Past Due 30 to 89 Days	90 Days or More	Nonaccrual	Total
Commercial:					
Energy	\$2,341,923	\$390	\$—	\$1,759	\$2,344,072
Services	2,227,008	882	—	4,581	2,232,471
Wholesale/retail	1,219,058	78	—	6,854	1,225,990
Manufacturing	437,707	2,943	—	3,565	444,215
Healthcare	1,394,479	640	—	1,443	1,396,562
Other commercial and industrial	407,073	478	—	845	408,396
Total commercial	8,027,248	5,411	—	19,047	8,051,706
Commercial real estate:					
Residential construction and land development	168,043	230	—	16,547	184,820
Retail	634,497	—	1,383	4,626	640,506
Office	429,700	263	—	6,301	436,264
Multifamily	662,674	—	—	—	662,674
Industrial	304,321	—	—	886	305,207
Other real estate loans	390,421	—	570	10,945	401,936
Total commercial real estate	2,589,656	493	1,953	39,305	2,631,407
Residential mortgage:					
Permanent mortgage	991,486	5,732	12	36,342	1,033,572
Permanent mortgages guaranteed by U.S. government agencies	26,919	20,544	135,787	1,572	184,822
Home equity	789,234	3,556	25	7,466	800,281
Total residential mortgage	1,807,639	29,832	135,824	45,380	2,018,675
Consumer	374,518	573	1	974	376,066
Total	\$12,799,061	\$36,309	\$137,778	\$104,706	\$13,077,854

## (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 loan 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):

	March 31, 2015		Dec. 31, 2014		March 31, 2014	
	Unpaid Principal Balance/ Notional	Fair Value	Unpaid Principal Balance/ Notional	Fair Value	Unpaid Principal Balance/ Notional	Fair Value
Residential mortgage loans held for sale	\$491,762	\$501,888	\$291,537	\$298,212	\$215,959	\$220,074
Residential mortgage loan commitments	650,988	17,500	520,829	9,971	387,755	6,035
Forward sales contracts	1,200,769	(6,192 )	701,066	(4,001 )	571,458	403
		\$513,196		\$304,182		\$226,512

No residential mortgage loans held for sale were 90 days or more past due or considered impaired as of March 31, 2015, December 31, 2014 or March 31, 2014. No credit losses were recognized on residential mortgage loans held for sale for the three month periods ended March 31, 2015 and 2014.

Mortgage banking revenue was as follows (in thousands):

	Three Months Ended March 31,	
	2015	2014
Production revenue:		
Net realized gains on sale of mortgage loans	\$17,251	\$9,179
Net change in unrealized gain on mortgage loans held for sale	3,451	2,797
Change in the fair value of mortgage loan commitments	7,529	3,379

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Change in the fair value of forward sales contracts	(2,191	) (3,903	)
Total production revenue	26,040	11,452	
Servicing revenue	13,280	11,392	
Total mortgage banking revenue	\$39,320	\$22,844	

Production 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.

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## 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 and 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):

	March 31, 2015	Dec. 31, 2014	March 31, 2014		
Number of residential mortgage loans serviced for others	120,653	117,483	107,660		
Outstanding principal balance of residential mortgage loans serviced for others	\$16,937,128	\$16,162,887	\$14,045,642		
Weighted average interest rate	4.24	% 4.29	% 4.38	%	%
Remaining term (in months)	297	296	292		

Activity in capitalized mortgage servicing rights during the three months ended March 31, 2015 was as follows (in thousands):

	Purchased	Originated	Total
Balance, Dec. 31, 2014	\$11,114	\$160,862	\$171,976
Additions, net	—	19,150	19,150
Change in fair value due to loan runoff	(781)	(6,772)	(7,553)
Change in fair value due to market changes	(740)	(7,782)	(8,522)
Balance, March 31, 2015	\$9,593	\$165,458	\$175,051

Activity in capitalized mortgage servicing rights during the three months ended March 31, 2014 was as follows (in thousands):

	Purchased	Originated	Total
Balance, Dec. 31, 2013	\$15,935	\$137,398	\$153,333
Additions, net	—	8,644	8,644
Change in fair value due to loan runoff	(515)	(3,227)	(3,742)
Change in fair value due to market changes	(630)	(3,831)	(4,461)
Balance, March 31, 2014	\$14,790	\$138,984	\$153,774

Changes in the fair value of mortgage servicing rights are included in Other operating revenue 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 used to determine fair value based on significant unobservable inputs were as follows:

	March 31, 2015	Dec. 31, 2014	March 31, 2014
Discount rate – risk-free rate plus a market premium	10.15%	10.17%	10.21%
Loan servicing costs – annually per loan based upon loan type:			

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Performing loans	\$60-\$105	\$60 - \$105	\$60 - \$105
Delinquent loans	\$150 - \$500	\$150 - \$500	\$150 - \$500
Loans in foreclosure	\$1,000 - \$4,250	\$1,000 - \$4,250	\$1000 - \$4,250
Escrow earnings rate – indexed to rates paid on deposit accounts with comparable average life	1.54%	1.77%	1.81%

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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 March 31, 2015 follows (in thousands):

	< 4.00%	4.00% - 4.99%	5.00% - 5.99%	> 5.99%	Total
Fair value	\$76,549	\$77,787	\$16,586	\$4,129	\$175,051
Outstanding principal of loans serviced for others	\$7,280,513	\$6,864,077	\$1,881,950	\$910,588	\$16,937,128
Weighted average prepayment rate <sup>1</sup>	7.90	% 8.85	% 16.40	% 32.16	% 10.53

<sup>1</sup> Annual prepayment estimates based upon loan interest rate, original term and loan type. Weighted average prepayment rate is determined by weighting the prepayment speed for each loan by its unpaid principal balance.

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 March 31, 2015, 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 \$2.3 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 \$1.4 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 March 31, 2015 follows (in thousands):

	Current	Past Due 30 to 59 Days	60 to 89 Days	90 Days or More	Total
FHLMC	\$5,537,828	\$32,319	\$6,789	\$30,562	\$5,607,498
FNMA	5,451,497	22,071	4,039	21,575	5,499,182
GNMA	5,054,047	91,424	25,581	10,998	5,182,050
Other	636,548	6,021	1,435	4,394	648,398
Total	\$16,679,920	\$151,835	\$37,844	\$67,529	\$16,937,128

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 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 \$174 million at March 31, 2015, \$180 million at December 31, 2014 and \$187 million at March 31, 2014. A separate accrual for these off-balance sheet commitments is included in Other liabilities in the Consolidated Balance Sheets totaling \$7.0 million at March 31, 2015, \$7.3 million at December 31, 2014 and \$9.1 million at March 31, 2014. At March 31, 2015, approximately 3% of the loans

sold with recourse with an outstanding principal balance of \$5.4 million were either delinquent more than 90 days, in bankruptcy or in foreclosure and 3% with an outstanding balance of \$6.0 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.

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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):

	Three Months Ended March 31,	
	2015	2014
Beginning balance	\$7,299	\$9,562
Provision for recourse losses	170	(16 )
Loans charged off, net	(448 )	(480 )
Ending balance	\$7,021	\$9,066

The Company also has obligations to repurchase or provide indemnification for residential mortgage loans sold to government sponsored entities due to standard representations and warranties made under contractual agreements and to service loans in accordance with investor guidelines. The Company has established accruals for losses related to these obligations that are included in Other liabilities in the Consolidated Balance Sheets and in Mortgage banking costs in the Consolidated Statements of Earnings.

The level of repurchases and indemnifications related to standard representations and warranties has remained low. The Company favorably resolved a significant number of deficiency requests during 2014. The Company repurchased 12 loans from the agencies for \$2.4 million during the first quarter of 2015. There were four indemnifications on loans paid during the first quarter of 2015. Losses recognized on indemnifications and repurchases were insignificant.

A summary of unresolved deficiency requests from the agencies follows (in thousands, except for number of unresolved deficiency requests):

	March 31, 2015	March 31, 2014
Number of unresolved deficiency requests	213	647
Aggregate outstanding principal balance subject to unresolved deficiency requests	\$17,979	\$81,909
Unpaid principal balance subject to indemnification by the Company	4,212	1,561

The activity in the accruals for mortgage losses is summarized as follows (in thousands).

	Three Months Ended March 31,	
	2015	2014
Beginning balance	\$11,868	\$12,716
Provision for losses	(788 )	203
Charge-offs, net	60	(1,299 )
Ending balance	\$11,140	\$11,620

#### (6) Commitments and Contingent Liabilities

##### Litigation Contingencies

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 415,103 shares of 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.

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On March 3, 2015, the Bank and the Company were named as defendants in a putative class action alleging that the manner in which the Bank posted charges to its consumer deposit accounts was improper from September 1, 2011 through July 8, 2014, the period after which the Bank and BOK Financial settled a class action respecting a similar claim. On April 8, 2015, the Bank was named as a defendant in a putative class action alleging that the Extended Overdraft Fee charged customers who failed to pay overdrafts after five days constituted interest and exceeded permissible interest rates set by state and federal law. While both actions are in preliminary stages of review, after initial discussions management has been advised by counsel that the Bank and the Company have meritorious defenses to the actions. A reasonable estimate of losses, if any, cannot be made at this time.

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 \$5.2 million at March 31, 2015. 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 will limit both the amount and structure of these types of investments.

Consolidated tax credit investment entities represent the Company's interest in entities earning federal new market tax credits related to qualifying loans. 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 interests in or loans to entities for which investment return is primarily 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.

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A summary of consolidated and unconsolidated alternative investments as of March 31, 2015, December 31, 2014 and March 31, 2014 is as follows (in thousands):

	March 31, 2015				
	Loans	Other assets	Other liabilities	Other borrowings	Non-controlling interests
Consolidated:					
Private equity funds	\$—	\$25,565	\$—	\$—	\$ 20,885
Tax credit entities	10,000	12,672	—	10,964	10,000
Other	—	5,861	—	—	2,206
Total consolidated	\$10,000	\$44,098	\$—	\$10,964	\$ 33,091
Unconsolidated:					
Tax credit entities	\$18,185	\$94,033	\$25,042	\$—	\$ —
Other	—	9,217	4,041	—	—
Total unconsolidated	\$18,185	\$103,250	\$29,083	\$—	\$ —
	Dec. 31, 2014				
	Loans	Other assets	Other liabilities	Other borrowings	Non-controlling interests
Consolidated:					
Private equity funds	\$—	\$25,627	\$—	\$—	\$ 21,921
Tax credit entities	10,000	12,827	—	10,964	10,000
Other	—	5,996	—	—	2,106
Total consolidated	\$10,000	\$44,450	\$—	\$10,964	\$ 34,027
Unconsolidated:					
Tax credit entities	\$18,192	\$96,721	\$28,920	\$—	\$ —
Other	—	9,471	4,050	—	—
Total unconsolidated	\$18,192	\$106,192	\$32,970	\$—	\$ —
	March 31, 2014				
	Loans	Other assets	Other liabilities	Other borrowings	Non-controlling interests
Consolidated:					
Private equity funds	\$—	\$27,466	\$—	\$—	\$ 22,979
Tax credit entities	10,000	13,292	—	10,964	9,869
Other	—	7,070	—	—	1,826
Total consolidated	\$10,000	\$47,828	\$—	\$10,964	\$ 34,674
Unconsolidated:					
Tax credit entities	\$19,787	\$88,301	\$24,826	\$—	\$ —
Other	—	5,593	1,657	—	—
Total unconsolidated	\$19,787	\$93,894	\$26,483	\$—	\$ —

#### Other Commitments and Contingencies

At March 31, 2015, Cavanal Hill Funds' assets included \$1.0 billion of U.S. Treasury, \$1.4 billion of cash management and \$262 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 March 31, 2015. 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 2015 or 2014.

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. During the third quarter of 2012, CVV, Inc. and credit purchasers settled the assessment related to the 2008 tax credits disallowed with no material adverse impact to the consolidated financial statements. Management does not anticipate that the remaining issue under audit will have a material adverse impact to the consolidated financial statements.

The Company agreed to guarantee rents totaling \$29 million through September of 2017 to the City of Tulsa 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 \$7.7 million at March 31, 2015. In return for this guarantee, the Company will receive 80% of net cash flow as defined in an agreement with the City of Tulsa 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.

#### (7) Shareholders' Equity

On April 28, 2015, the Company declared a quarterly cash dividend of \$0.42 per common share on or about May 29, 2015 to shareholders of record as of May 15, 2015.

Dividends declared were \$0.42 per share during the three months ended March 31, 2015 and \$0.40 per share during the three months ended March 31, 2014.

#### Accumulated Other Comprehensive Income (Loss)

AOCI includes unrealized gains and losses on available for sale ("AFS") securities and 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 are being amortized over the estimated remaining life of the security as an adjustment to yield, offsetting the related amortization of premium 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 are being 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 Benefit Plans	Loss on Effective Cash Flow Hedges	Total
Balance, December 31, 2013	\$(23,175 )	\$ 1,118	\$(3,311 )	\$(255 )	\$(25,623 )
Net change in unrealized gain (loss)	54,615	—	(2 )	—	54,613
Reclassification adjustments included in earnings:					
Interest revenue, Investment securities, Taxable securities	—	(403 )	—	—	(403 )
Interest expense, Subordinated debentures	—	—	—	83	83
Net impairment losses recognized in earnings	—	—	—	—	—
Gain on available for sale securities, net	(1,240 )	—	—	—	(1,240 )
Other comprehensive income (loss), before income taxes	53,375	(403 )	(2 )	83	53,053
Federal and state income taxes <sup>1</sup>	20,762	(158 )	(1 )	32	20,635
Other comprehensive income (loss), net of income taxes	32,613	(245 )	(1 )	51	32,418
Balance, March 31, 2014	\$9,438	\$ 873	\$(3,312 )	\$(204 )	\$6,795
Balance, December 31, 2014	\$59,239	\$ 376	\$(2,868 )	\$(74 )	\$56,673
Net change in unrealized gains (losses)	59,387	—	—	—	59,387
Reclassification adjustments included in earnings:					
Interest revenue, Investment securities, Taxable securities	—	(179 )	—	—	(179 )
Interest expense, Subordinated debentures	—	—	—	65	65
Net impairment losses recognized in earnings	92	—	—	—	92
Gain on available for sale securities, net	(4,327 )	—	—	—	(4,327 )
Other comprehensive income (loss), before income taxes	55,152	(179 )	—	65	55,038
Federal and state income taxes <sup>1</sup>	21,452	(69 )	—	25	21,408
Other comprehensive income (loss), net of income taxes	33,700	(110 )	—	40	33,630
Balance, March 31, 2015	\$92,939	\$ 266	\$(2,868 )	\$(34 )	\$90,303

<sup>1</sup> Calculated using a 39% effective tax rate.

## (8) Earnings Per Share

(In thousands, except share and per share amounts)	Three Months Ended March 31,	
	2015	2014
Numerator:		
Net income attributable to BOK Financial Corp. shareholders	\$74,843	\$76,590
Less: Earnings allocated to participating securities	814	698
Numerator for basic earnings per share – income available to common shareholders	74,029	75,892
Effect of reallocating undistributed earnings of participating securities	1	1
Numerator for diluted earnings per share – income available to common shareholders	\$74,030	\$75,893
Denominator:		
Weighted average shares outstanding	69,002,576	68,899,746
Less: Participating securities included in weighted average shares outstanding	747,796	626,061
Denominator for basic earnings per common share	68,254,780	68,273,685
Dilutive effect of employee stock compensation plans <sup>1</sup>	90,106	162,793
Denominator for diluted earnings per common share	68,344,886	68,436,478
Basic earnings per share	\$1.08	\$1.11
Diluted earnings per share	\$1.08	\$1.11
<sup>1</sup> Excludes employee stock options with exercise prices greater than current market price.	78,209	—

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## (9) Reportable Segments

Reportable segments reconciliation to the Consolidated Financial Statements for the three months ended March 31, 2015 is as follows (in thousands):

	Commercial	Consumer	Wealth Management	Funds Management and Other	BOK Financial Consolidated	
Net interest revenue from external sources	\$101,168	\$20,725	\$5,384	\$40,449	\$167,726	
Net interest revenue (expense) from internal sources	(12,555 )	7,914	\$5,654	(1,013 )	—	
Net interest revenue	88,613	28,639	11,038	39,436	167,726	
Provision for credit losses	(9,268 )	1,510	57	7,701	—	
Net interest revenue after provision for credit losses	97,881	27,129	10,981	31,735	167,726	
Other operating revenue	42,884	56,231	62,346	4,556	166,017	
Other operating expense	50,580	55,858	55,042	58,785	220,265	
Net direct contribution	90,185	27,502	18,285	(22,494 )	113,478	
Corporate expense allocations	14,825	21,064	10,946	(46,835 )	—	
Net income before taxes	75,360	6,438	7,339	24,341	113,478	
Federal and state income taxes	29,315	2,504	2,855	3,710	38,384	
Net income	46,045	3,934	4,484	20,631	75,094	
Net income attributable to non-controlling interests	—	—	—	251	251	
Net income attributable to BOK Financial Corp. shareholders	\$46,045	\$3,934	\$4,484	\$20,380	\$74,843	
Average assets	\$12,654,200	\$7,292,883	\$4,828,340	\$5,195,281	\$29,970,704	
Average invested capital	994,596	272,315	224,054	1,860,596	3,351,561	
Performance measurements:						
Return on average assets	1.48	% 0.22	% 0.42	%	1.01	%
Return on average invested capital	18.79	% 5.86	% 9.12	%	9.06	%
Efficiency ratio	38.43	% 60.79	% 74.73	%	64.91	%

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Reportable segments reconciliation to the Consolidated Financial Statements for the three months ended March 31, 2014 is as follows (in thousands):

	Commercial	Consumer	Wealth Management	Funds Management and Other	BOK Financial Consolidated	
Net interest revenue from external sources	\$90,831	\$20,983	\$5,838	\$44,990	\$162,642	
Net interest revenue (expense) from internal sources	(12,275 )	9,229	4,685	(1,639 )	—	
Net interest revenue	78,556	30,212	10,523	43,351	162,642	
Provision for credit losses	(3,464 )	1,090	(45 )	2,419	—	
Net interest revenue after provision for credit losses	82,020	29,122	10,568	40,932	162,642	
Other operating revenue	38,686	45,414	54,261	581	138,942	
Other operating expense	49,290	42,626	49,248	43,940	185,104	
Net direct contribution	71,416	31,910	15,581	(2,427 )	116,480	
Corporate expense allocations	13,982	19,204	11,422	(44,608 )	—	
Net income before taxes	57,434	12,706	4,159	42,181	116,480	
Federal and state income taxes	22,342	4,943	1,618	10,534	39,437	
Net income	35,092	7,763	2,541	31,647	77,043	
Net income attributable to non-controlling interests	—	—	—	453	453	
Net income attributable to BOK Financial Corp. shareholders	\$35,092	\$7,763	\$2,541	\$31,194	\$76,590	
Average assets	\$10,933,196	\$7,058,658	\$4,621,817	\$4,625,097	\$27,238,768	
Average invested capital	898,724	282,705	199,369	1,724,276	3,105,074	
Performance measurements:						
Return on average assets	1.31	% 0.45	% 0.26	%	1.14	%
Return on average invested capital	15.92	% 11.14	% 5.95	%	10.00	%
Efficiency ratio	41.52	% 53.53	% 75.40	%	60.06	%

(10) 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 transactions 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;
- 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. There were no transfers in or out of quoted prices in active markets for identical instruments to significant other observable inputs or significant unobservable inputs during the three months ended March 31, 2015 and 2014, respectively. Transfers between significant other observable inputs and significant unobservable inputs during the three months ended March 31, 2015 and 2014 are included in the summary of changes in recurring fair values measured using unobservable inputs.

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 all observable inputs, management may adjust prices obtained from third-party pricing services to more appropriately reflect the prices that would be received to sell assets or paid to transfer liabilities in orderly transactions in the current market. No significant adjustments were made to prices provided by third-party pricing services at March 31, 2015, December 31, 2014 or March 31, 2014.

## Assets and Liabilities Measured at Fair Value on a Recurring Basis

The fair value of financial assets and liabilities measured on a recurring basis was as follows as of March 31, 2015 (in thousands):

	Total	Quoted Prices in Active Markets for Identical Instruments	Significant Other Observable Inputs	Significant Unobservable Inputs
<b>Assets:</b>				
<b>Trading securities:</b>				
U.S. Government agency debentures	\$26,283	\$—	\$26,283	\$—
U.S. agency residential mortgage-backed securities	17,179	—	17,179	—
Municipal and other tax-exempt securities	54,164	—	54,164	—
Other trading securities	20,418	—	20,418	—
Total trading securities	118,044	—	118,044	—
<b>Available for sale securities:</b>				
U.S. Treasury	1,001	1,001	—	—
Municipal and other tax-exempt	60,818	—	51,195	9,623
U.S. agency residential mortgage-backed securities	6,717,569	—	6,717,569	—
Privately issued residential mortgage-backed securities	160,031	—	160,031	—
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,164,842	—	2,164,842	—
Other debt securities	9,155	—	5,005	4,150
Perpetual preferred stock	24,983	—	24,983	—
Equity securities and mutual funds	19,776	5,071	14,705	—
Total available for sale securities	9,158,175	6,072	9,138,330	13,773
<b>Fair value option securities:</b>				
U.S. agency residential mortgage-backed securities	434,077	—	434,077	—
Other securities	—	—	—	—
Total fair value option securities	434,077	—	434,077	—
Residential mortgage loans held for sale	513,196	—	506,326	6,870
Mortgage servicing rights <sup>1</sup>	175,051	—	—	175,051
Derivative contracts, net of cash collateral <sup>2</sup>	462,386	21,369	441,017	—
Other assets – private equity funds	25,565	—	—	25,565
<b>Liabilities:</b>				
Derivative contracts, net of cash collateral <sup>2</sup>	419,351	—	419,351	—

<sup>1</sup> 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.

See Note 3 for detail of fair value of derivative contracts by contract type. Derivative contracts in asset positions that were valued based on quoted prices in active markets for identical instruments (Level 1) are primarily

<sup>2</sup> exchange-traded energy derivative contracts, net of cash margin. Derivative contracts in liability positions that were valued using quoted prices in active markets for identical instruments are exchange-traded agricultural derivative contracts, fully offset by cash margin.

The fair value of financial assets and liabilities measured on a recurring basis was as follows as of December 31, 2014 (in thousands):

	Total	Quoted Prices in Active Markets for Identical Instruments	Significant Other Observable Inputs	Significant Unobservable Inputs
<b>Assets:</b>				
<b>Trading securities:</b>				
U.S. Government agency debentures	\$85,092	\$—	\$85,092	\$—
U.S. agency residential mortgage-backed securities	31,199	—	31,199	—
Municipal and other tax-exempt securities	38,951	—	38,951	—
Other trading securities	33,458	—	33,458	—
Total trading securities	188,700	—	188,700	—
<b>Available for sale securities:</b>				
U.S. Treasury	1,005	1,005	—	—
Municipal and other tax-exempt	63,557	—	53,464	10,093
U.S. agency residential mortgage-backed securities	6,646,884	—	6,646,884	—
Privately issued residential mortgage-backed securities	165,957	—	165,957	—
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,048,609	—	2,048,609	—
Other debt securities	9,212	—	5,062	4,150
Perpetual preferred stock	24,277	—	24,277	—
Equity securities and mutual funds	19,444	4,927	14,517	—
Total available for sale securities	8,978,945	5,932	8,958,770	14,243
<b>Fair value option securities:</b>				
U.S. agency residential mortgage-backed securities	311,597	—	311,597	—
Other securities	—	—	—	—
Total fair value option securities	311,597	—	311,597	—
Residential mortgage loans held for sale	304,182	—	292,326	11,856
Mortgage servicing rights <sup>1</sup>	171,976	—	—	171,976
Derivative contracts, net of cash collateral <sup>2</sup>	361,874	17,607	344,267	—
Other assets – private equity funds	25,627	—	—	25,627
<b>Liabilities:</b>				
Derivative contracts, net of cash collateral <sup>2</sup>	354,554	541	354,013	—

<sup>1</sup> 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.

See Note 3 for detail of fair value of derivative contracts by contract type. Derivative contracts based on quoted prices in active markets for identical instruments (Level 1) are exchange-traded energy derivative contracts, net of cash margin. Derivative contracts in liability positions that were valued using quoted prices in active markets for identical instruments (Level 1) are exchange-traded interest rate and agricultural derivative contracts, net of cash margin.

The fair value of financial assets and liabilities measured on a recurring basis was as follows as of March 31, 2014 (in thousands):

	Total	Quoted Prices in Active Markets for Identical Instruments	Significant Other Observable Inputs	Significant Unobservable Inputs
<b>Assets:</b>				
<b>Trading securities:</b>				
U.S. Government agency debentures	\$28,588	\$—	\$28,588	\$—
U.S. agency residential mortgage-backed securities	23,595	—	23,595	—
Municipal and other tax-exempt securities	27,280	—	27,280	—
Other trading securities	7,108	—	7,108	—
Total trading securities	86,571	—	86,571	—
<b>Available for sale securities:</b>				
U.S. Treasury	1,034	1,034	—	—
Municipal and other tax-exempt	70,065	—	54,542	15,523
U.S. agency residential mortgage-backed securities	7,475,569	—	7,475,569	—
Privately issued residential mortgage-backed securities	189,248	—	189,248	—
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,123,762	—	2,123,762	—
Other debt securities	35,119	—	30,407	4,712
Perpetual preferred stock	24,281	—	24,281	—
Equity securities and mutual funds	14,645	—	14,645	—
Total available for sale securities	9,933,723	1,034	9,912,454	20,235
<b>Fair value option securities:</b>				
U.S. agency residential mortgage-backed securities	156,525	—	156,525	—
Other securities	4,359	—	4,359	—
Total fair value option securities	160,884	—	160,884	—
Residential mortgage loans held for sale	226,512	—	226,512	—
Mortgage servicing rights <sup>1</sup>	153,774	—	—	153,774
Derivative contracts, net of cash collateral <sup>2</sup>	218,507	1,363	217,144	—
Other assets – private equity funds	27,466	—	—	27,466
<b>Liabilities:</b>				
Derivative contracts, net of cash collateral <sup>2</sup>	185,499	—	185,499	—

<sup>1</sup> 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.

See Note 3 for detail of fair value of derivative contracts by contract type. Derivative contracts based on quoted prices in active markets for identical instruments (Level 1) are exchange-traded energy and interest rate derivative contracts, net of cash margin. Derivative contracts in liability positions that were valued using quoted prices in active markets for identical instruments (Level 1) were exchange-traded energy, interest rate and agricultural derivative contracts, fully offset by cash margin.

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 option 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 references 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. Significant unobservable inputs are developed by investment securities professionals involved in the active trading of similar securities. A summary of significant inputs used to value these securities follows. A management committee composed of senior members from the Company's Capital Markets, Risk Management and Finance departments assess the appropriateness of these inputs monthly.

#### 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 uses 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 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. The fair value of mortgage loans that were unable to be sold to U.S. government agencies were determined using quoted prices of loans that are sold in securitization transactions with a liquidity discount applied.

#### 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. The Company's private equity funds provide customers alternative investment opportunities as limited partners of the funds. As fund of funds, the private equity funds invest in other limited

partnerships or limited liability companies that invest substantially all of their assets in U.S. companies pursuing diversified investment strategies including early-stage venture capital, distressed securities and corporate or asset buy-outs. Private equity fund assets are long-term, illiquid investments. No secondary market exists for these assets. The private equity funds typically invest in funds that provide no redemption rights to investors. The fair value of the private equity investments may only be realized through cash distributions from the underlying funds.

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The following represents the changes for the three months ended March 31, 2015 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

	Available for Sale Securities			
	Municipal and other tax-exempt	Other debt securities	Residential mortgage loans held for sale	Other assets – private equity funds
Balance, Dec. 31, 2014	\$ 10,093	\$ 4,150	\$ 11,856	\$ 25,627
Transfer to Level 3 from Level 2	—	—	243	—
Purchases and capital calls	—	—	—	380
Proceeds from sales	—	—	(5,288 )	—
Redemptions and distributions	(500 )	—	—	(694 )
Gain (loss) recognized in earnings:				
Mortgage banking revenue	—	—	59	—
Gain on other assets, net	—	—	—	252
Other comprehensive gain (loss):				
Net change in unrealized gain (loss)	30	—	—	—
Balance, March 31, 2015	\$ 9,623	\$ 4,150	\$ 6,870	\$ 25,565

The following represents the changes for the three months ended March 31, 2014 related to assets measured at fair value on a recurring basis using significant unobservable inputs (in thousands):

	Available for Sale Securities			
	Municipal and other tax-exempt	Other debt securities	Equity securities and mutual funds	Other assets – private equity funds
Balance, Dec. 31, 2013	\$ 17,805	\$ 4,712	\$ 4,207	\$ 27,341
Transfer to Level 3 from Level 2	—	—	—	—
Purchases, and capital calls	—	—	—	205
Redemptions and distributions	(2,322 )	—	—	(1,105 )
Gain (loss) recognized in earnings:				
Gain on other assets, net	—	—	—	1,025
Gain on available for sale securities, net	(78 )	—	—	—
Charitable contributions to BOKF Foundation	—	—	(2,420 )	—
Other comprehensive gain (loss):				
Net change in unrealized gain (loss)	118	—	(1,787 )	—
Balance, March 31, 2014	\$ 15,523	\$ 4,712	\$ —	\$ 27,466

A summary of quantitative information about assets measured at fair value on a recurring basis using significant unobservable inputs (Level 3) as of March 31, 2015 follows (in thousands):  
Quantitative Information about Level 3 Recurring Fair Value Measurements

	Par Value	Amortized Cost/Unpaid Principal Balance	Fair Value	Valuation Technique(s)	Unobservable Input	Range (Weighted Average)	
Available for sale securities							
Municipal and other tax-exempt securities	\$10,370	\$10,309	\$9,623	Discounted cash flows	1 Interest rate spread	4.99%-5.29% (5.25%) 92.63%-92.99% (92.80%) 5.42%-5.67%	2 3 4
Other debt securities	4,400	4,400	4,150	Discounted cash flows	1 Interest rate spread	(5.64%) 94.31% - 94.32 (94.32%)	3
Residential mortgage loans held for sale	N/A	7,444	6,870	Quoted prices of loans sold in securitization transactions, with a liquidity discount applied	Liquidity discount applied to the market value of a mortgage loans qualifying for sale to U.S. government agencies.	N/A	
Other assets - private equity funds	N/A	N/A	25,565	Net asset value reported by underlying fund	Net asset value reported by underlying fund	N/A	

Discounted cash flows developed using discount rates primarily based on reference to interest rate spreads for  
<sup>1</sup> comparable securities of similar duration and credit rating as determined by the nationally-recognized rating agencies, adjusted for lack of trading volume.

<sup>2</sup> Interest rate yields used to value investment grade tax-exempt securities represent a spread of 491 to 518 basis points over average yields for comparable tax-exempt securities.

<sup>3</sup> Represents fair value as a percentage of par value.

<sup>4</sup> Interest rate yields used to value investment grade taxable securities based on comparable short-term taxable securities which are generally yielding less than 1%.

A summary of quantitative information about Recurring Fair Value Measurements based on Significant Unobservable Inputs (Level 3) as of December 31, 2014 follows (in thousands):

Quantitative Information about Level 3 Recurring Fair Value Measurements

	Par Value	Amortized Cost	Fair Value	Valuation Technique(s)	Unobservable Input	Range (Weighted Average)	
Available for sale securities							
Municipal and other tax-exempt securities	\$ 10,870	\$ 10,805	\$ 10,093	Discounted cash flows	<sup>1</sup> Interest rate spread	4.96%-5.26% (5.21%)	2
						92.65%-94.32% (93.09%)	3
						5.62%-5.67% (5.66%)	4
Other debt securities	4,400	4,400	4,150	Discounted cash flows	<sup>1</sup> Interest rate spread	92.65% - 92.95 (92.77%)	3
					Liquidity discount		
Residential mortgage loans held for sale	N/A	12,468	11,856	Quoted prices of loans sold in securitization transactions, with a liquidity discount applied	applied to the market value of a mortgage loans qualifying for sale to U.S. government agencies.	N/A	
Other assets - private equity funds	N/A	N/A	25,627	Net asset value reported by underlying fund	Net asset value reported by underlying fund	N/A	

<sup>1</sup> Discounted cash flows developed using discount rates primarily based on reference to interest rate spreads for comparable securities of similar duration and credit rating as determined by the nationally-recognized rating agencies, adjusted for lack of trading volume.

<sup>2</sup> Interest rate yields used to value investment grade tax-exempt securities represent a spread of 488 to 516 basis points over average yields for comparable tax-exempt securities.

<sup>3</sup> Represents fair value as a percentage of par value.

<sup>4</sup> Interest rate yields used to value investment grade taxable securities based on comparable short-term taxable securities which are generally yielding less than 1%.

A summary of quantitative information about Recurring Fair Value Measurements based on Significant Unobservable Inputs (Level 3) as of March 31, 2014 follows (in thousands):

Quantitative Information about Level 3 Recurring Fair Value Measurements

	Par Value	Amortized Cost	Fair Value	Valuation Technique(s)	Unobservable Input	Range (Weighted Average)
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Available for sale securities									
Municipal and other tax-exempt securities	\$ 16,295	\$ 16,224	\$ 15,523	Discounted cash flows	1	Interest rate spread	4.95%-5.25% (5.13%)		2
							95.05%-95.49% (95.26%)		3
Other debt securities	4,900	4,900	4,712	Discounted cash flows	1	Interest rate spread	5.46%-5.66% (5.63%)		4
							96.16% (96.16%)		3
Other assets - private equity funds	N/A	N/A	27,466	Net asset value reported by underlying fund		Net asset value reported by underlying fund	N/A		

Discounted cash flows developed using discount rates primarily based on reference to interest rate spreads for comparable securities of similar duration and credit rating as determined by the nationally-recognized rating agencies, adjusted for lack of trading volume.

<sup>2</sup> Interest rate yields used to value investment grade tax-exempt securities represent a spread of 468 to 515 basis points over average yields for comparable tax-exempt securities.

<sup>3</sup> Represents fair value as a percentage of par value.

<sup>4</sup> Interest rate yields used to value investment grade taxable securities based on comparable short-term taxable securities which are generally yielding less than 1%.

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

Assets measured at fair value on a non-recurring basis include 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.

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 March 31, 2015 for which the fair value was adjusted during the three months ended March 31, 2015:

	Carrying Value at March 31, 2015			Fair Value Adjustments for the Three Months Ended March 31, 2015	
	Quoted Prices in Active Markets for Identical Instruments	Significant Other Observable Inputs	Significant Unobservable Inputs	Recognized in:	
				Gross charge-offs against allowance for loan losses	Net losses and expenses of repossessed assets, net
Impaired loans	\$—	\$2,248	\$—	\$468	\$—
Real estate and other repossessed assets	—	7,623	—	—	1,161

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 March 31, 2014 for which the fair value was adjusted during the three months ended March 31, 2014:

	Carrying Value at March 31, 2014			Fair Value Adjustments for the Three Months Ended March 31, 2014	
	Quoted Prices in Active Markets for Identical Instruments	Significant Other Observable Inputs	Significant Unobservable Inputs	Recognized in:	
				Gross charge-offs against allowance for loan losses	Net losses and expenses of repossessed assets, net
Impaired loans	\$—	\$3,015	\$1,541	\$953	\$—
Real estate and other repossessed assets	—	4,833	—	—	1,251

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. Non-recurring fair value measurements of collateral-dependent impaired loans and real estate and other repossessed assets based on significant unobservable inputs are generally due to estimates of current fair values between appraisal dates. Significant unobservable inputs include listing prices for the same or comparable assets, uncorroborated expert opinions or management's knowledge of the collateral or industry. These inputs are developed by asset management and workout professionals and approved by senior Credit Administration executives.

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A summary of quantitative information about Non-recurring Fair Value Measurements based on Significant Unobservable Inputs (Level 3) as of March 31, 2014 follows (in thousands):

Quantitative Information about Level 3 Non-recurring Fair Value Measurements

	Fair Value	Valuation Technique(s)	Unobservable Input	Range (Weighted Average)
Impaired loans	\$1,541	Appraised value, as adjusted	Broker quotes and management's knowledge of industry and collateral.	N/A

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## 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 March 31, 2015 (dollars in thousands):

	Carrying Value	Range of Contractual Yields	Average Re-pricing (in years)	Discount Rate	Estimated Fair Value
Cash and due from banks	\$490,683				\$490,683
Interest-bearing cash and cash equivalents	2,119,987				2,119,987
Trading securities:					
U.S. Government agency debentures	26,283				26,283
U.S. agency residential mortgage-backed securities	17,179				17,179
Municipal and other tax-exempt securities	54,164				54,164
Other trading securities	20,418				20,418
Total trading securities	118,044				118,044
Investment securities:					
Municipal and other tax-exempt	396,063				400,112
U.S. agency residential mortgage-backed securities	33,545				35,253
Other debt securities	204,979				222,606
Total investment securities	634,587				657,971
Available for sale securities:					
U.S. Treasury	1,001				1,001
Municipal and other tax-exempt	60,818				60,818
U.S. agency residential mortgage-backed securities	6,717,569				6,717,569
Privately issued residential mortgage-backed securities	160,031				160,031
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,164,842				2,164,842
Other debt securities	9,155				9,155
Perpetual preferred stock	24,983				24,983
Equity securities and mutual funds	19,776				19,776
Total available for sale securities	9,158,175				9,158,175
Fair value option securities:					
U.S. agency residential mortgage-backed securities	434,077				434,077
Other securities	—				—
Total fair value option securities	434,077				434,077
Residential mortgage loans held for sale	513,196				513,196
Loans:					
Commercial	9,391,163	0.18% - 30.00%	0.69	0.49% - 4.15%	8,943,332
Commercial real estate	2,935,464	0.38% - 18.00%	0.83	1.03% - 3.63%	2,708,850
Residential mortgage	1,926,999	1.20% - 18.00%	2.21	0.70% - 3.84%	1,990,722

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Consumer	430,510	0.38% - 21.00%	0.43	0.99% - 3.88%	431,521
Total loans	14,684,136				14,074,425
Allowance for loan losses	(197,686 )				—
Loans, net of allowance	14,486,450				14,074,425
Mortgage servicing rights	175,051				175,051
Derivative instruments with positive fair value, net of cash margin	462,386				462,386
Other assets – private equity funds	25,565				25,565
Deposits with no stated maturity	18,501,569				18,501,569
Time deposits	2,651,778	0.02% - 9.64%	1.79	0.78% - 1.24%	2,659,907
Other borrowed funds	4,691,033	0.25% - 4.78%	0.02	0.06% - 2.64%	4,657,770
Subordinated debentures	348,030	0.92% - 5.00%	1.43	2.11	% 344,599
Derivative instruments with negative fair value, net of cash margin	419,351				419,351

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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, 2014 (dollars in thousands):

	Carrying Value	Range of Contractual Yields	Average Re-pricing (in years)	Discount Rate	Estimated Fair Value
Cash and due from banks	\$550,576				\$550,576
Interest-bearing cash and cash equivalents	1,925,266				1,925,266
Trading securities:					
U.S. Government agency debentures	85,092				85,092
U.S. agency residential mortgage-backed securities	31,199				31,199
Municipal and other tax-exempt securities	38,951				38,951
Other trading securities	33,458				33,458
Total trading securities	188,700				188,700
Investment securities:					
Municipal and other tax-exempt	405,090				408,344
U.S. agency residential mortgage-backed securities	35,750				37,463
Other debt securities	211,520				227,819
Total investment securities	652,360				673,626
Available for sale securities:					
U.S. Treasury	1,005				1,005
Municipal and other tax-exempt	63,557				63,557
U.S. agency residential mortgage-backed securities	6,646,884				6,646,884
Privately issued residential mortgage-backed securities	165,957				165,957
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,048,609				2,048,609
Other debt securities	9,212				9,212
Perpetual preferred stock	24,277				24,277
Equity securities and mutual funds	19,444				19,444
Total available for sale securities	8,978,945				8,978,945
Fair value option securities:					
U.S. agency residential mortgage-backed securities	311,597				311,597
Other securities	—				—
Total fair value option securities	311,597				311,597
Residential mortgage loans held for sale	304,182				304,182
Loans:					
Commercial	9,095,670	0.17% - 30.00%	0.65	0.51% - 4.34%	8,948,870
Commercial real estate	2,728,150	0.38% - 18.00%	0.84	1.09% - 3.78%	2,704,454
Residential mortgage	1,949,512	1.20% - 18.00%	2.50	0.64% - 3.99%	1,985,870
Consumer	434,705	0.38% - 21.00%	0.45	1.04% - 3.98%	431,274

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Total loans	14,208,037				14,070,468
Allowance for loan losses	(189,056 )				—
Loans, net of allowance	14,018,981				14,070,468
Mortgage servicing rights	171,976				171,976
Derivative instruments with positive fair value, net of cash margin	361,874				361,874
Other assets – private equity funds	25,627				25,627
Deposits with no stated maturity	18,532,143				18,532,143
Time deposits	2,608,716	0.02% - 9.64%	1.92	0.76% - 1.33%	2,612,576
Other borrowed funds	3,378,294	0.21% - 1.52%	0.12	0.06% - 2.64%	3,331,771
Subordinated debentures	347,983	0.92% - 5.00%	1.67	2.14 %	344,687
Derivative instruments with negative fair value, net of cash margin	354,554				354,554

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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 March 31, 2014 (dollars in thousands):

	Carrying Value	Range of Contractual Yields	Average Re-pricing (in years)	Discount Rate	Estimated Fair Value
Cash and due from banks	\$645,435				\$645,435
Interest-bearing cash and cash equivalents	708,571				708,571
Trading securities:					
U.S. Government agency debentures	28,588				28,588
U.S. agency residential mortgage-backed securities	23,595				23,595
Municipal and other tax-exempt securities	27,280				27,280
Other trading securities	7,108				7,108
Total trading securities	86,571				86,571
Investment securities:					
Municipal and other tax-exempt	440,303				441,532
U.S. agency residential mortgage-backed securities	45,917				47,834
Other debt securities	182,756				195,697
Total investment securities	668,976				685,063
Available for sale securities:					
U.S. Treasury	1,034				1,034
Municipal and other tax-exempt	70,065				70,065
U.S. agency residential mortgage-backed securities	7,475,569				7,475,569
Privately issued residential mortgage-backed securities	189,248				189,248
Commercial mortgage-backed securities guaranteed by U.S. government agencies	2,123,762				2,123,762
Other debt securities	35,119				35,119
Perpetual preferred stock	24,281				24,281
Equity securities and mutual funds	14,645				14,645
Total available for sale securities	9,933,723				9,933,723
Fair value option securities:					
U.S. agency residential mortgage-backed securities	156,525				156,525
Other securities	4,359				4,359
Total fair value option securities	160,884				160,884
Residential mortgage loans held for sale	226,512				226,512
Loans:					
Commercial	8,051,706	0.15% - 30.00%	0.52	0.55% - 4.28%	7,941,638
Commercial real estate	2,631,407	0.38% - 18.00%	0.74	1.15% - 3.54%	2,609,622
Residential mortgage	2,018,675	0.01% - 18.00%	2.60	0.57% - 4.54%	2,040,336
Consumer	376,066	0.38% - 21.00%	0.50	1.14% - 3.80%	370,885

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Total loans	13,077,854				12,962,481
Allowance for loan losses	(188,318 )				—
Loans, net of allowance	12,889,536				12,962,481
Mortgage servicing rights	153,774				153,774
Derivative instruments with positive fair value, net of cash margin	218,507				218,507
Other assets – private equity funds	27,466				27,466
Deposits with no stated maturity	17,727,539				17,727,539
Time deposits	2,662,174	0.03% - 9.64%	2.08	0.74% - 1.32%	2,664,770
Other borrowed funds	2,974,979	0.23% - 4.50%	0.01	0.06% - 2.62%	2,960,177
Subordinated debentures	347,846	0.95% - 5.00%	2.40	2.21 %	344,717
Derivative instruments with negative fair value, net of cash margin	185,499				185,499

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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.

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 sheets 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 \$170 million at March 31, 2015, \$161 million at December 31, 2014 and \$161 million at March 31, 2014.

#### 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 March 31, 2015, December 31, 2014 or March 31, 2014.

#### 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.

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

	Three Months Ended							
	March 31, 2015			December 31, 2014				
	Average Balance	Revenue/Expense	Yield/Rate		Average Balance	Revenue/Expense	Yield/Rate	
<b>Assets</b>								
Interest-bearing cash and cash equivalents	\$2,089,546	\$1,422	0.27	%	\$2,090,176	\$1,500	0.28	%
Trading securities	140,968	685	2.55	%	164,502	901	2.48	%
<b>Investment securities</b>								
Taxable	241,458	3,326	5.51	%	244,395	3,468	5.68	%
Tax-exempt	401,367	1,564	1.56	%	406,516	1,586	1.56	%
Total investment securities	642,825	4,890	3.04	%	650,911	5,054	3.11	%
<b>Available for sale securities</b>								
Taxable	9,014,566	43,105	1.95	%	9,073,467	43,953	1.97	%
Tax-exempt	86,899	921	4.40	%	88,434	904	4.23	%
Total available for sale securities	9,101,464	44,026	1.98	%	9,161,901	44,857	1.99	%
Fair value option securities	404,775	2,003	2.28	%	221,773	1,053	2.18	%
Restricted equity securities	179,385	2,597	5.79	%	182,737	2,635	5.77	%
Residential mortgage loans held for sale	348,054	2,949	3.41	%	321,746	3,101	3.87	%
Loans <sup>2</sup>	14,554,582	128,952	3.59	%	13,882,005	130,378	3.73	%
Allowance for loan losses	(194,948 )				(190,787 )			
Loans, net of allowance	14,359,634	128,952	3.64	%	13,691,218	130,378	3.78	%
Total earning assets	27,266,651	187,525	2.80	%	26,484,964	189,479	2.86	%
Receivable on unsettled securities sales	99,706				69,109			
Cash and other assets	2,604,347				2,578,124			
Total assets	\$29,970,704				\$29,132,197			
<b>Liabilities and equity</b>								
<b>Interest-bearing deposits:</b>								
Transaction	\$10,338,396	\$2,465	0.10	%	\$9,730,564	\$2,328	0.09	%
Savings	365,835	94	0.10	%	346,132	96	0.11	%
Time	2,659,323	9,546	1.46	%	2,647,147	9,777	1.47	%
Total interest-bearing deposits	13,363,554	12,105	0.37	%	12,723,843	12,201	0.38	%
Funds purchased	69,730	16	0.09	%	71,728	14	0.08	%
Repurchase agreements	1,000,839	104	0.04	%	996,308	109	0.04	%
Other borrowings	3,084,214	2,453	0.32	%	3,021,094	2,443	0.32	%
Subordinated debentures	348,007	2,165	2.52	%	347,960	2,189	2.50	%
Total interest-bearing liabilities	17,866,344	16,843	0.38	%	17,160,933	16,956	0.39	%
Non-interest bearing demand deposits	7,885,485				7,974,165			
Due on unsettled securities purchases	205,096				137,566			
Other liabilities	662,218				549,388			
Total equity	3,351,561				3,310,145			
Total liabilities and equity	\$29,970,704				\$29,132,197			

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Tax-equivalent Net Interest Revenue	\$ 170,682	2.42	%	\$ 172,523	2.47	%
Tax-equivalent Net Interest Revenue to Earning Assets		2.55	%		2.61	%
Less tax-equivalent adjustment	2,956			2,859		
Net Interest Revenue	167,726			169,664		
Provision for credit losses	—			—		
Other operating revenue	166,017			151,903		
Other operating expense	220,265			225,877		
Income before taxes	113,478			95,690		
Federal and state income taxes	38,384			30,109		
Net income	75,094			65,581		
Net income attributable to non-controlling interests	251			1,263		
Net income attributable to BOK Financial Corp. shareholders	\$ 74,843			\$ 64,318		
Earnings Per Average Common Share Equivalent:						
Net income:						
Basic	\$ 1.08			\$ 0.93		
Diluted	\$ 1.08			\$ 0.93		

Yield calculations are shown on a tax equivalent at the statutory federal and state rates for the periods presented. The yield calculations exclude security trades that have been recorded on trade date with no corresponding interest income and the unrealized gains and losses. The yield calculation also includes average loan balances for which the accrual of interest has been discontinued and are net of unearned income. Yield / rate calculations are generally based on the conventions that determine how interest income and expense is accrued.

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Three Months Ended September 30, 2014			June 30, 2014			March 31, 2014				
Average Balance	Revenue /Expense <sup>1</sup>	Yield / Rate	Average Balance	Revenue / Expense <sup>1</sup>	Yield / Rate	Average Balance	Revenue / Expense <sup>1</sup>	Yield / Rate		
\$1,217,942	\$601	0.20	% \$635,140	\$383	0.24	% \$549,473	\$265	0.20	%	
107,909	561	2.67	% 116,186	527	2.40	% 92,409	531	2.85	%	
228,771	3,238	5.66	% 226,528	3,195	5.64	% 232,646	3,282	5.64	%	
412,604	1,605	1.56	% 432,265	1,764	1.63	% 439,110	1,830	1.67	%	
641,375	4,843	3.03	% 658,793	4,959	3.01	% 671,756	5,112	3.04	%	
9,436,137	45,257	1.94	% 9,706,965	46,458	1.94	% 9,980,069	47,255	1.90	%	
90,590	675	3.14	% 93,969	1,007	4.44	% 96,873	735	3.11	%	
9,526,727	45,932	1.95	% 9,800,934	47,465	1.96	% 10,076,942	47,990	1.91	%	
180,268	913	2.05	% 164,684	794	1.94	% 165,515	851	1.99	%	
142,418	2,133	5.99	% 97,016	1,275	5.26	% 85,234	997	4.68	%	
310,924	2,929	3.79	% 219,308	2,523	4.63	% 185,196	1,590	3.46	%	
13,518,578	128,695	3.78	% 13,264,461	127,508	3.85	% 12,947,926	124,335	3.89	%	
(191,141 )			(189,329 )			(186,979 )				
13,327,437	128,695	3.83	% 13,075,132	127,508	3.91	% 12,760,947	124,335	3.95	%	
25,455,000	186,607	2.93	% 24,767,193	185,434	3.02	% 24,587,472	181,671	2.99	%	
63,277			108,825			114,708				
2,597,280			2,610,803			2,536,588				
\$28,115,557			\$27,486,821			\$27,238,768				
\$9,473,575	\$2,381	0.10	% \$9,850,991	\$2,489	0.10	% \$9,900,823	\$2,559	0.10	%	
342,488	101	0.12	% 355,459	106	0.12	% 336,576	98	0.12	%	
2,610,561	10,237	1.56	% 2,636,444	10,182	1.55	% 2,686,041	10,329	1.56	%	
12,426,624	12,719	0.41	% 12,842,894	12,777	0.40	% 12,923,440	12,986	0.41	%	
320,817	59	0.07	% 574,926	107	0.07	% 1,021,755	161	0.06	%	
1,027,206	141	0.05	% 914,892	182	0.08	% 773,127	151	0.08	%	
2,333,961	2,004	0.34	% 1,294,932	1,279	0.40	% 1,038,747	1,022	0.40	%	
347,914	2,154	2.46	% 347,868	2,189	2.52	% 347,824	2,158	2.52	%	
16,456,522	17,077	0.41	% 15,975,512	16,534	0.42	% 16,104,893	16,478	0.41	%	
7,800,350			7,654,225			7,312,076				
124,952			166,521			116,295				
485,304			513,839			600,429				
3,248,429			3,176,724			3,105,075				
\$28,115,557			\$27,486,821			\$27,238,768				
	\$169,530	2.52	%	\$168,900	2.60	%	\$165,193	2.58	%	
		2.67	%		2.75	%		2.71	%	
	2,739			2,803			2,551			
	166,791			166,097			162,642			
	—			—			—			
	164,971			166,142			138,942			
	221,834			214,707			185,104			
	109,928			117,532			116,480			

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33,802	40,803	39,437
76,126	76,729	77,043
494	834	453
\$75,632	\$75,895	\$76,590
\$1.09	\$1.10	\$1.11
\$1.09	\$1.10	\$1.11

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## Quarterly Earnings Trends – Unaudited

(In thousands, except share and per share data)

	Three Months Ended				
	March 31, 2015	December 31, 2014	September 30, 2014	June 30, 2014	March 31, 2014
Interest revenue	\$ 184,569	\$ 186,620	\$ 183,868	\$ 182,631	\$ 179,120
Interest expense	16,843	16,956	17,077	16,534	16,478
Net interest revenue	167,726	169,664	166,791	166,097	162,642
Provision for credit losses	—	—	—	—	—
Net interest revenue after provision for credit losses	167,726	169,664	166,791	166,097	162,642
Other operating revenue					
Brokerage and trading revenue	31,707	30,602	35,263	39,056	29,516
Transaction card revenue	31,010	31,467	31,578	31,510	29,134
Fiduciary and asset management revenue	31,469	30,649	29,738	29,543	25,722
Deposit service charges and fees	21,684	22,581	22,508	23,133	22,689
Mortgage banking revenue	39,320	30,105	26,814	29,330	22,844
Bank-owned life insurance	2,198	2,380	2,326	2,274	2,106
Other revenue	8,603	10,071	10,320	9,208	8,852
Total fees and commissions	165,991	157,855	158,547	164,054	140,863
Gain (loss) on other assets, net	755	338	1,422	3,521	(2,328 )
Gain (loss) on derivatives, net	911	1,070	(93 )	831	968
Gain (loss) on fair value option securities, net	2,647	3,685	(332 )	4,176	2,660
Change in fair value of mortgage servicing rights	(8,522 )	(10,821 )	5,281	(6,444 )	(4,461 )
Gain on available for sale securities, net	4,327	149	146	4	1,240
Total other-than-temporary impairment losses	(781 )	(373 )	—	—	—
Portion of loss recognized in (reclassified from) other comprehensive income	689	—	—	—	—
Net impairment losses recognized in earnings	(92 )	(373 )	—	—	—
Total other operating revenue	166,017	151,903	164,971	166,142	138,942
Other operating expense					
Personnel	128,548	125,741	123,043	123,714	104,433
Business promotion	5,748	7,498	6,160	7,150	5,841
Charitable contributions to BOKF Foundation	—	1,847	—	—	2,420
Professional fees and services	10,059	11,058	14,763	11,054	7,565
Net occupancy and equipment	19,044	22,655	18,892	18,789	16,896
Insurance	4,980	4,777	4,793	4,467	4,541
Data processing and communications	30,620	30,872	29,971	29,071	27,135
Printing, postage and supplies	3,461	3,168	3,380	3,429	3,541
Net losses (gains) and operating expenses of repossessed assets	613	(1,497 )	4,966	1,118	1,432
Amortization of intangible assets	1,090	1,100	1,100	949	816

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Mortgage banking costs	9,319	10,553	7,734	7,960	3,634
Other expense	6,783	8,105	7,032	7,006	6,850
Total other operating expense	220,265	225,877	221,834	214,707	185,104
Net income before taxes	113,478	95,690	109,928	117,532	116,480
Federal and state income taxes	38,384	30,109	33,802	40,803	39,437
Net income	75,094	65,581	76,126	76,729	77,043
Net income attributable to non-controlling interests	251	1,263	494	834	453
Net income attributable to BOK Financial Corporation shareholders	\$74,843	\$ 64,318	\$ 75,632	\$75,895	\$76,590
Earnings per share:					
Basic	\$1.08	\$0.93	\$1.09	\$1.10	\$1.11
Diluted	\$1.08	\$0.93	\$1.09	\$1.10	\$1.11
Average shares used in computation:					
Basic	68,254,780	68,481,630	68,455,866	68,359,945	68,273,685
Diluted	68,344,886	68,615,808	68,609,765	68,511,378	68,436,478

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## PART II. Other Information

## Item 1. Legal Proceedings

See discussion of legal proceedings at Note 6 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 March 31, 2015.

Period	Total Number of Shares Purchased <sup>2</sup>	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs <sup>1</sup>	Maximum Number of Shares that May Yet Be Purchased Under the Plans
January 1 to January 31, 2015	26,572	\$54.42	25,000	1,735,504
February 1 to February 28, 2015	379,778	\$58.60	377,156	1,358,348
March 1 to March 30, 2015	132,710	\$60.33	100,000	1,258,348
Total	539,060		502,156	

On April 24, 2012, the Company’s board of directors authorized the Company to repurchase up to two million shares<sup>1</sup> of the Company’s common stock. As of March 31, 2015, the Company had repurchased 741,652 shares under this plan.

<sup>2</sup> 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

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

<sup>32</sup> 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.



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: May 1, 2015

/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

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