## UNITED STATES SECURITIES AND EXCHANGE COMMISSION <br> WASHINGTON, D.C. 20549

FORM 10-Q
x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For quarterly period ended September 30, 2015
o TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For transition period $\qquad$ to $\qquad$
Commission File Number: 001-15393
HEARTLAND FINANCIAL USA, INC.
(Exact name of Registrant as specified in its charter)
Delaware
(State or other jurisdiction of incorporation or organization)
42-1405748
(I.R.S. employer identification number)

1398 Central Avenue, Dubuque, Iowa 52001
(Address of principal executive offices)(Zip Code)
(563) 589-2000
(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 x No o

Indicate by check mark whether the Registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).
Yes x No o
Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "accelerated filer," "large accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Act.

Large accelerated filer *
Non-accelerated filer *
(Do not check if a smaller reporting company)

## Accelerated Filer x

Smaller reporting company *

Indicate by check mark whether the Registrant is a shell company (as defined by Rule 12b-2 of the Securities Exchange Act of 1934). Yes o No x

Indicate the number of shares outstanding of each of the classes of Registrant's common stock as of the latest practicable date: As of November 4, 2015, the Registrant had outstanding 20,637,321 shares of common stock, $\$ 1.00$ par value per share.

HEARTLAND FINANCIAL USA, INC.
Form 10-Q Quarterly Report
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31.1 Certification of Chief Executive Officer pursuant to Rule 13a-14(a)/15d-14(a).
31.2 Certification of Chief Financial Officer pursuant to Rule 13a-14(a)/15d-14(a).
32.1 Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2 Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101 Financial statements formatted in Extensible Business Reporting Language: (i) the Consolidated Balance Sheets, (ii) the Consolidated Statements of Income, (iii) the Consolidated Statements of Comprehensive Income, (iv) the Consolidated Statements of Cash Flows, (v) the Consolidated Statements of Changes in Equity, and (vi) the Notes to Consolidated Financial Statements.

## PART I

## ITEM 1. FINANCIAL STATEMENTS

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED BALANCE SHEETS
(Dollars in thousands, except per share data)

## ASSETS

Cash and due from bank
Federal funds sold and other short-term investments
Cash and cash equivalents
September 30, 2015
(Unaudited)
December 31, 2014
$\$ 76,954 \quad \$ 64,150$

Time deposits in other financial institutions
14,151
9,721

Securities:
Available for sale, at fair value (cost of $\$ 1,253,607$ at September 30, 2015, and $\$ 1,396,794$ at December 31, 2014)
Held to maturity, at cost (fair value of \$294,622 at September 30, 2015, and $\$ 296,768$ at December 31, 2014)
Other investments, at cost
91,105
73,871
2,355
2,605

Loans held for sale
$1,261,687 \quad 1,401,868$

Loans and leases receivable:
Held to maturity
Loans covered by loss share agreements
Allowance for loan and lease losses
Loans and leases receivable, net
Premises, furniture and equipment, net
Premises, furniture and equipment held for sale
Other real estate, net
Goodwill
Other intangible assets, net
282,200
284,587

Cash surrender value on life insurance
19,292
20,498
102,569 70,514

Other assets
4,642,523 3,876,745

- $\quad 1,258$

TOTAL ASSETS
$(47,105)(41,449$
4,595,418 3,836,554

LIABILITIES AND EQUITY
LIABILITIES:
Deposits:
Demand $\quad \$ 1,632,005 \quad \$ 1,295,193$
Savings
Time
Total deposits
Short-term borrowings
Other borrowings
Accrued expenses and other liabilities
TOTAL LIABILITIES
2,936,611
2,687,493

STOCKHOLDERS' EQUITY:
Preferred stock (par value $\$ 1$ per share; authorized 20,604 shares; none issued or outstanding)

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See accompanying notes to consolidated financial statements.

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED STATEMENTS OF INCOME (Unaudited)
(Dollars in thousands, except per share data)

INTEREST INCOME:
Interest and fees on loans and leases

| Three Months Ended <br> September 30, <br> 2015 <br>  <br> 20, | Nine Months Ended <br> September 30, |  |  |
| :--- | :--- | :--- | :--- |
| $\$ 58,328$ | $\$ 49,311$ | 2015 | 2014 |
|  |  |  |  |
| 5,858 | 7,547 | 19,729 | 22,755 |
| 3,077 | 3,249 | 8,867 | 10,079 |
| 1 | 1 | 3 | 1 |
| 4 | 6 | 11 | 20 |
| 67,268 | 60,114 | 195,811 | 176,651 |
|  |  |  |  |
| 3,767 | 4,655 | 11,758 | 14,010 |
| 228 | 227 | 638 | 655 |

Interest on securities:
Taxable
Nontaxable
Interest on federal funds sold
Interest on interest bearing deposits in other financial institutions
TOTAL INTEREST INCOME
INTEREST EXPENSE:
Interest on deposits
Interest on short-term borrowings
22
Interest on other borrowings (includes $\$ 557$ and $\$ 577$ of interest expense related to derivatives reclassified from accumulated other comprehensive income for the three months ended September 30, 2015 and 2014, respectively, and $\$ 1,680$ and $\$ 1,671$ of interest expense 3,549
$3,741 \quad 12,117 \quad 11,084$
related to derivatives reclassified from accumulated other
comprehensive income for the nine months ended September 30, 2015
and 2014, respectively)

| TOTAL INTEREST EXPENSE | 7,544 | 8,623 | 24,513 | 25,749 |
| :--- | :--- | :--- | :--- | :--- |
| NET INTEREST INCOME | 59,724 | 51,491 | 171,298 | 150,902 |
| Provision for loan and lease losses | 3,181 | 2,553 | 10,526 | 11,635 |
| NET INTEREST INCOME AFTER PROVISION FOR LOAN AND | 56,543 | 48,938 | 160,772 | 139,267 |
| LEASE LOSSES |  |  |  |  |
| NONINTEREST INCOME: | 6,350 | 4,857 | 17,654 | 15,007 |
| Service charges and fees | 1,368 | 1,319 | 3,572 | 4,223 |
| Loan servicing income | 3,507 | 3,194 | 11,051 | 9,747 |
| Trust fees | 869 | 1,044 | 2,872 | 3,325 |

Securities gains, net (includes $\$ 1,807$ and $\$ 825$ of net security gains reclassified from accumulated other comprehensive income for the three months ended September 30, 2015 and 2014, respectively, and $\$ 9,270$ and $\$ 2,460$ of net security gains reclassified from accumulated other comprehensive income for nine months ended September 30, 2015 and 2014, respectively)
Gain (loss) on trading account securities $\quad-\quad-\quad-\quad$ (38 )

Net gains on sale of loans held for sale
Income on bank owned life insurance
Other noninterest income
TOTAL NONINTEREST INCOME

| $\overline{-}$ | - | - | $(38$ |
| :--- | :--- | :--- | :--- |
| 9,823 | 8,384 | 38,164 | 23,559 |
| 372 | 371 | 1,355 | 1,073 |
| 924 | 612 | 2,406 | 1,635 |
| 24,980 | 20,606 | 86,304 | 60,991 |
| 37,033 | 33,546 |  | 110,522 |
| 4,307 | 3,807 | 12,594 | 11,428 |
| 2,121 | 2,033 | 6,403 | 6,008 |


| Professional fees | 5,251 | 4,429 | 16,544 | 13,169 |
| :---: | :---: | :---: | :---: | :---: |
| FDIC insurance assessments | 1,018 | 888 | 2,873 | 2,848 |
| Advertising | 1,327 | 1,383 | 3,841 | 4,082 |
| Intangible assets amortization | 734 | 521 | 2,080 | 1,736 |
| Other real estate and loan collection expenses | 496 | 215 | 1,714 | 1,785 |
| Loss on sales/valuations of assets, net | 721 | 447 | 2,583 | 1,989 |
| Other noninterest expenses | 8,988 | 7,386 | 25,938 | 19,966 |
| TOTAL NONINTEREST EXPENSES | 61,996 | 54,655 | 185,092 | 161,852 |
| INCOME BEFORE INCOME TAXES | 19,527 | 14,889 | 61,984 | 38,406 |
| Income taxes (includes $\$ 451$ and $\$ 93$ of income tax expense reclassified from accumulated other comprehensive income for the three months ended September 30, 2015 and 2014, respectively, and $\$ 2,816$ and $\$ 296$ of income tax expense reclassified from accumulated other comprehensive income for the nine months ended September 30, 2015 and 2014, respectively) | 4,945 | 2,916 | 16,533 | 8,769 |
| NET INCOME | 14,582 | 11,973 | 45,451 | 29,637 |
| Preferred dividends and discount | (205 ) | (205 ) | (613 ) | (613 |
| NET INCOME AVAILABLE TO COMMON STOCKHOLDERS | \$ 14,377 | \$ 11,768 | \$44,838 | \$29,024 |
| EARNINGS PER COMMON SHARE - BASIC | \$0.70 | \$ 0.64 | \$2.19 | \$ 1.57 |
| EARNINGS PER COMMON SHARE - DILUTED | \$0.69 | \$0.63 | \$2.16 | \$ 1.55 |
| CASH DIVIDENDS DECLARED PER COMMON SHARE | \$0.10 | \$0.10 | \$0.30 | \$0.30 |

See accompanying notes to consolidated financial statements.

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Unaudited)
(Dollars in thousands)

|  | Three Months Ended September 30, |  |  | Nine Months Ended September 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2015 |  | 2014 |
| NET INCOME | \$14,582 |  | \$11,973 |  | \$45,451 |  | \$29,637 |
| OTHER COMPREHENSIVE INCOME |  |  |  |  |  |  |  |
| Securities: |  |  |  |  |  |  |  |
| Net change in unrealized gain (loss) on securities | 2,202 |  | (144 | ) | 10,916 |  | 30,538 |
| Reclassification adjustment for net gains realized in net income | (1,807 | ) | (825 | ) | (9,270 |  | (2,460 |
| Net change in non-credit related other than temporary impairment | 24 |  | 24 |  | 72 |  | 72 |
| Income taxes | (169 | ) | 372 |  | (667 |  | (11,110 |
| Other comprehensive income (loss) on securities | 250 |  | (573 | ) | 1,051 |  | 17,040 |
| Derivatives used in cash flow hedging relationships: |  |  |  |  |  |  |  |
| Net change in unrealized gain (loss) on derivatives | (3,071 | ) | 317 |  | (3,016 | ) | (758 |
| Reclassification adjustment for net loss on derivatives realized in net income | 557 |  | 577 |  | 1,680 |  | 1,671 |
| Income taxes | 936 |  | (334 | ) | 488 |  | (341 |
| Other comprehensive income (loss) on cash flow hedges | (1,578 | ) | 560 |  | (848 |  | 572 |
| Other comprehensive income (loss) | (1,328 | ) | (13 | ) | 203 |  | 17,612 |
| TOTAL COMPREHENSIVE INCOME | \$13,254 |  | \$11,960 |  | \$45,654 |  | \$47,249 |

See accompanying notes to consolidated financial statements.

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited) (Dollars in thousands)

CASH FLOWS FROM OPERATING ACTIVITIES:
Net income
Nine Months Ended September 30,

Adjustments to reconcile net income to net cash provided by operating activities:
Depreciation and amortization
16,325 13,041
Provision for loan and lease losses
Net amortization of premium on securities
10,526
11,635
Securities gains, net
Decrease in trading account securities
Stock based compensation
Write downs and losses on repossessed assets, net
Loans originated for sale
Proceeds on sales of loans held for sale
Net gains on sale of loans held for sale
(Increase) decrease in accrued interest receivable
Increase in prepaid expenses
Decrease in accrued interest payable
Capitalization of servicing rights
Write downs and losses on sales of assets, net
Other, net
21,339
18,993
(9,230 ) $(2,460$
$\begin{array}{ll}- & 1,801 \\ 2,635 & 2,683\end{array}$
1,686 1,365
(1,087,510 ) (694,622 )
1,083,285 665,837

NET CASH PROVIDED BY OPERATING ACTIVITIES
(27,102 ) (17,604
170 (603
$\left.\begin{array}{lll}(1,021 & ) & (857 \\ (177 & ) & (1,176\end{array}\right)$
$\begin{array}{lll}(177 & ) & (1,176 \\ (11,766 & ) & (5,955\end{array}$

CASH FLOWS FROM INVESTING ACTIVITIES:
Proceeds from the sale of securities available for sale
$897 \quad 624$
8,137 6,772
53,645 29,111

Proceeds from the sale of other investments
877,077 699,830
Proceeds from the sale of time deposits in other financial institutions
12,917 10,178
Proceeds from the maturity of and principal paydowns on securities available for sale
Proceeds from the maturity of and principal paydowns on securities held to maturity
Proceeds from the maturity of and principal paydowns on time deposits in other financial institutions
Proceeds from the maturity of and principal paydowns on other investments 619
Purchase of securities available for sale
(774,657
Purchase of securities held to maturity
Purchase of other investments
Net increase in loans and leases
Purchase of bank owned life insurance policies
Capital expenditures
Net cash and cash equivalents received in acquisition
Proceeds from the sale of equipment
Proceeds on sale of OREO and other repossessed assets

- (20,944

NET CASH PROVIDED (USED) BY INVESTING ACTIVITIES
$(9,833)(8,849$
(225,356 ) (317,604 )
(1,100 ) -
(4,982 ) (5,738 )
(6,861 ) -
1,108 175
6,328 14,578
3,857 (64,725

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS, CONTINUED
(Unaudited)
(Dollars in thousands)

CASH FLOWS FROM FINANCING ACTIVITIES:

|  | Nine Months Ended September 30, |  |
| :--- | :--- | :--- |
|  | 2015 | 2014 |
| CASH FLOWS FROM FINANCING ACTIVITIES: |  |  |
| Net increase in demand deposits and savings accounts | 118,311 | 100,466 |
| Net decrease in time deposit accounts | $(26,326$ | $(40,246$ |
| Net decrease in short-term borrowings | $(25,901$ | $(31,451$ |
| Proceeds from short term FHLB advances | 276,100 | 230,000 |
| Repayments of short term FHLB advances | $(270,000$ | $)(259,000$ |
| Proceeds from other borrowings | 29,000 | 5,000 |
| Repayments of other borrowings | $(134,803$ | $)(20,596$ |
| Purchase of treasury stock | $(2,856$ | $)(625$ |
| Proceeds from issuance of common stock | 2,330 | 662 |
| Excess tax benefits on exercised stock options | 671 | 119 |
| Dividends paid | $(6,794$ | $)$ |
| NET CASH USED BY FINANCING ACTIVITIES | $(40,268$ | $)(21,820$ |
| Net increase (decrease) in cash and cash equivalents | 17,234 | $(57,434$ |
| Cash and cash equivalents at beginning of year | 73,871 | 125,270 |
| CASH AND CASH EQUIVALENTS AT END OF PERIOD | $\$ 91,105$ | $\$ 67,836$ |
| Supplemental disclosures: |  |  |
| Cash paid for income/franchise taxes | $\$ 7,305$ | $\$ 2,632$ |
| Cash paid for interest | $\$ 24,690$ | $\$ 26,925$ |
| Loans transferred to OREO | $\$ 5,206$ | $\$ 6,528$ |
| Purchases of securities available for sale, accrued, not paid | $\$ 3,523$ | $\$ 2,089$ |
| Stock consideration granted for acquisition | $\$ 53,052$ | $\$-$ |

See accompanying notes to consolidated financial statements.

HEARTLAND FINANCIAL USA, INC.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (Unaudited)
(Dollars in thousands, except per share data)
Heartland Financial USA, Inc. Stockholders' Equity

|  | Preferred Stock | Common Stock | Capital Surplus | Retained <br> Earnings | Accumulated <br> Other <br> Comprehensive Income (Loss) | Treasury Stock | Total Equity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance at January 1, 2014 | \$81,698 | \$18,399 | \$91,632 | \$265,067 | \$ (17,336 | \$- | \$439,460 |
| Comprehensive income |  |  |  | 29,637 | 17,612 |  | 47,249 |
| Cash dividends declared: |  |  |  |  |  |  |  |
| Preferred, $\$ 7.50$ per share |  |  |  | (613 |  |  | (613 |
| Common, $\$ 0.30$ per share |  |  |  | (5,536 |  |  | (5,536 |
| Purchase of 24,042 shares of common stock |  |  |  |  |  | (625 | (625 |
| Issuance of 182,392 shares of common stock |  | 78 | 78 |  |  | 625 | 781 |
| Stock based compensation |  |  | 2,683 |  |  |  | 2,683 |
| Balance at September 30, 2014 | \$81,698 | \$18,477 | \$94,393 | \$288,555 | \$ 276 | \$- | \$483,399 |
| Balance at January 1, 2015 | \$81,698 | \$18,511 | \$95,816 | \$298,764 | \$ 1,528 | \$- | \$496,317 |
| Comprehensive income |  |  |  | 45,451 | 203 |  | 45,654 |
| Cash dividends declared: |  |  |  |  |  |  |  |
| Preferred, \$7.50 per share |  |  |  | (613 |  |  | (613 |
| Common, $\$ 0.30$ per share |  |  |  | (6,181 |  |  | (6,181 |
| Purchase of 54,389 shares of common stock |  |  |  |  |  | (2,856 ) | (2,856 |
| Issuance of 2,180,585 shares of common stock |  | 2,129 | 51,162 |  |  | 2,762 | 56,053 |
| Stock based compensation |  |  | 2,635 |  |  |  | 2,635 |
| Balance at September 30, 2015 | \$81,698 | \$20,640 | \$149,613 | \$337,421 | \$ 1,731 | \$(94 | \$591,009 |

See accompanying notes to consolidated financial statements.

## HEARTLAND FINANCIAL USA, INC.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## NOTE 1: BASIS OF PRESENTATION

The interim unaudited consolidated financial statements contained herein should be read in conjunction with the audited consolidated financial statements and accompanying notes to the consolidated financial statements for the fiscal year ended December 31, 2014, included in the Form 10-K of Heartland Financial USA, Inc. ("Heartland") filed with the Securities and Exchange Commission ("SEC") on March 13, 2015. Accordingly, footnote disclosures which would substantially duplicate the disclosure contained in the audited consolidated financial statements have been omitted.

The financial information of Heartland included herein has been prepared in accordance with U.S. generally accepted accounting principles for interim financial reporting and has been prepared pursuant to the rules and regulations for reporting on Form 10-Q and Rule 10-01 of Regulation S-X. Such information reflects all adjustments (consisting of normal recurring adjustments), that are, in the opinion of management, necessary for a fair presentation of the financial position and results of operations for the periods presented. The results of the interim period ended September 30, 2015, are not necessarily indicative of the results expected for the year ending December 31, 2015.

## Earnings Per Share

Basic earnings per share is determined using net income available to common stockholders and weighted average common shares outstanding. Diluted earnings per share is computed by dividing net income available to common stockholders by the weighted average common shares and assumed incremental common shares issued. Amounts used in the determination of basic and diluted earnings per share for the three and nine months ended September 30, 2015 and 2014, are shown in the table below:
(Dollars and number of shares in thousands, except per share data)
Net income attributable to Heartland
Preferred dividends and discount
Net income available to common stockholders
Weighted average common shares outstanding for basic earnings per share
Assumed incremental common shares issued upon exercise of stock options and non-vested restricted stock units
Weighted average common shares for diluted earnings per share
Earnings per common share - basic
Earnings per common share - diluted
Number of antidilutive common stock equivalents excluded from diluted earnings per share computation

| Three Months Ended |  |
| :--- | :--- |
| September 30, <br> 2015 | 2014 |
| $\$ 14,582$ | $\$ 11,973$ |
| $(205$ | $)$ |
| $\$ 14,377$ | $\$ 11,768$ |
| 20,620 | 18,469 |
| 273 | 284 |
|  |  |
| 20,893 | 18,753 |
| $\$ 0.70$ | $\$ 0.64$ |
| $\$ 0.69$ | $\$ 0.63$ |
| - | 94 |
|  |  |
| Nine Months Ended |  |
| September 30, |  |
| 2015 | 2014 |
| $\$ 45,451$ | $\$ 29,637$ |
| $(613$ | $(613$ |
| $\$ 44,838$ | $\$ 29,024$ |
| 20,483 | 18,456 |
| 269 | 287 |

$\begin{array}{lll}\text { Assumed incremental common shares issued upon exercise of stock options and } & \\ \text { non-vested restricted stock units } & & \\ \text { Weighted average common shares for diluted earnings per share } & 20,752 & 18,743 \\ \text { Earnings per common share - basic } & \$ 2.19 & \$ 1.57 \\ \text { Earnings per common share - diluted } & \$ 2.16 & \$ 1.55 \\ \text { Number of antidilutive common stock equivalents excluded from diluted earnings per } & - & 94\end{array}$

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## Stock-Based Compensation

Heartland may grant, through its Nominating and Compensation Committee (the "Compensation Committee"), non-qualified and incentive stock options, stock appreciation rights, stock awards, restricted stock, restricted stock units and cash incentive awards, under its 2012 Long-Term Incentive Plan (the "Plan"). The Plan, which was approved by stockholders in May 2012 and replaced Heartland's 2005 Long-Term Incentive Plan with respect to grants after such approval, reserved 268,390 shares of common stock at September 30, 2015, for issuance under future awards that may be granted under the Plan to employees and directors of, and service providers to, Heartland or its subsidiaries.

Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 718, "Compensation-Stock Compensation" requires the measurement of the cost of employee services received in exchange for an award of equity instruments based upon the fair value of the award on the grant date. The cost of the award is based upon its fair value estimated on the date of grant and recognized in the consolidated statements of income over the vesting period of the award. The fair market value of restricted stock and restricted stock units is based on the fair value of the underlying shares of common stock on the date of grant. The fair value of stock options is estimated on the date of grant using the Black-Scholes model.

The amount of tax benefit related to the exercise, vesting, and forfeiture of equity-based awards reflected in additional paid-in-capital, not taxes payable, was $\$ 671,000$ and $\$ 119,000$ during the nine months ended September 30, 2015 and 2014, respectively.

## Restricted Stock Units

The Plan permits the Compensation Committee to grant restricted stock units ("RSUs"). On January 20, 2015, the Compensation Committee granted time-based RSUs with respect to 78,220 shares of common stock, and on March 11, 2014, the Compensation Committee granted time-based RSUs with respect to 67,190 shares of common stock to selected officers. The time-based RSUs, which represent the right, without payment, to receive shares of Heartland common stock at a specified date in the future based on specific vesting conditions, vest over five years in three equal installments on the third, fourth and fifth anniversaries of the grant date, will be settled in common stock upon vesting, and will not be entitled to dividends until vested. The time-based RSUs vest upon a "qualified retirement" (as defined in the RSU agreement), and the retiree is required to sign a non-solicitation and non-compete agreement as a condition to vesting.

In addition to the time-based RSUs referenced in the preceding paragraph, the Compensation Committee granted performance-based RSUs with respect to 39,075 shares of common stock on March 10, 2015, and performance-based RSUs with respect to 32,645 shares of common stock on March 11, 2014, to Heartland executives and subsidiary presidents. These performance-based RSUs vest based first on performance measures tied to Heartland's earnings and loans on December 31, 2015, and December 31, 2014, respectively, and then on time-based vesting conditions. For the grants awarded in 2015, the portion of the RSUs earned based on performance vest on December 31, 2017, and for the grants awarded in 2014, the portion of the RSUs earned based on performance vest on December 31, 2016, subject to employment on the respective vesting dates.

The Compensation Committee also grants RSUs under the Plan to directors as part of their compensation, to new management level employees at commencement of employment, and to other employees and service providers as incentives. During the nine months ended September 30, 2015, and September 30, 2014, 22,648 and 33,304 RSUs, respectively, were granted to directors and new employees.

A summary of the status of the RSUs as of September 30, 2015 and 2014, and changes during the nine months ended September 30, 2015 and 2014, follows:

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|  | 2015 | Weighted-Average | 2014 |
| :--- | :--- | :--- | :--- | :--- |
| Grant Date |  |  |  |$\quad$ Shares $\quad$| Weighted-Average |
| :--- |
| Grant Date |

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Total compensation costs recorded for RSUs were $\$ 2.6$ million and $\$ 2.7$ million for the nine months ended September 30, 2015 and 2014, respectively. As of September 30, 2015, there were $\$ 3.8$ million of total unrecognized compensation costs related to the 2005 and 2012 Long-Term Incentive Plans for RSUs which are expected to be recognized through 2019.

## Options

Although the Plan provides authority to the Compensation Committee to grant stock options, no options were granted during the first nine months of 2015 and 2014. Prior to 2009 , options were typically granted annually with an expiration date ten years after the date of grant. Vesting was generally over a five-year service period with portions of a grant becoming exercisable at three years, four years, and five years after the date of grant. A summary of the status of the stock options as of September 30, 2015 and 2014, and changes during the nine months ended September 30, 2015 and 2014, follows:

|  | 2015 |  | 2014 |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Shares | Weighted-Average <br> Exercise Price | Shares | Weighted-Average <br> Exercise Price |
| Outstanding at January 1 | 215,851 | $\$ 23.85$ | 261,936 | $\$ 23.60$ |
| Granted | - | - | - | - |
| Exercised | $(81,401$ | $)$ | 23.34 | $(9,750$ |
| Forfeited | $(3,250$ | $) 23.51$ | $(7,000$ | 19.67 |
| Outstanding at September 30 | 131,200 | $\$ 24.15$ | 245,186 | $\$ 23.67$ |
| Options exercisable at September | 131,200 | $\$ 24.15$ | 245,186 | $\$ 23.67$ |
| 30 |  |  |  |  |

At September 30, 2015, the vested options totaled 131,200 shares with a weighted average exercise price of $\$ 24.15$ per share and a weighted average remaining contractual life of 1.50 years. The intrinsic value (the difference between the market price and the aggregate exercise price) for the vested options as of September 30, 2015, was $\$ 1.6$ million. The intrinsic value for the total of all options exercised during the nine months ended September 30, 2015, was $\$ 829,000$.

The exercise price of stock options granted is established by the Compensation Committee, but the exercise price for the stock options may not be less than the fair market value of the shares on the date that the option is granted or, if greater, the par value of a share of stock. Each option granted is exercisable in full at any time or from time to time, subject to vesting provisions, as determined by the Compensation Committee and as provided in the option agreement, but such time may not exceed ten years from the grant date. Cash received from options exercised was $\$ 1.9$ million for the nine months ended September 30, 2015, and \$192,000 for the nine months ended September 30, 2014.

Total compensation costs recorded for options were $\$ 0$ for the nine months ended September 30, 2015 and 2014, respectively. There are no unrecorded compensation costs related to options at September 30, 2015.

## Subsequent Events

Heartland has evaluated subsequent events through the filing date of this quarterly report on Form 10-Q with the SEC. On October 22, 2015, Heartland entered into a merger agreement with CIC Bancshares, Inc. parent company of Centennial Bank in Denver, Colorado. See Note 2, "Acquisitions," for further details of this acquisition. On October 7, 2015, Heartland reached a buyout agreement with the FDIC related to the loss share agreements. See Note 4, "Loans and Leases," for further details.

## Effect of New Financial Accounting Standards

In January 2014, the FASB issued ASU 2014-01, "Accounting for Investments in Qualified Affordable Housing Projects." The amendments in ASU 2014-01 to Topic 323, "Equity Investments and Joint Ventures," provide guidance on accounting for investments by a reporting entity in flow-through limited liability entities that manage or invest in affordable housing projects that qualify for the low-income housing tax credit. The amendments permit reporting entities to make an accounting policy election to account for their investments in qualified affordable housing projects using the proportional amortization method if certain conditions are met. Under the proportional amortization method, an entity amortizes the initial cost of the investment in proportion to the tax credits and other tax benefit received and recognizes the net investment performance in the income statement as a component of income tax expense (benefit). The amendments are effective for fiscal years, and interim periods within those years, beginning after December 31, 2014, and should be applied retrospectively to all periods presented. Heartland elected to use the proportional amortization method for equity investments in qualified affordable housing projects

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that meet the conditions specified in ASU-2014-01. Heartland adopted this standard on January 1, 2015, and the adoption did not have a material impact on the results of operations, financial position, and liquidity.

In January 2014, the FASB issued ASU 2014-04, "Receivables-Troubled Debt Restructurings by Creditors: Reclassification of Residential Real Estate Collateralized Consumer Mortgage Loans Upon Foreclosure." The amendments in ASU 2014-04 clarify that an in-substance foreclosure occurs, and a creditor is considered to have received physical possession of residential real estate property collateralizing a consumer mortgage loan, upon either (i) the creditor obtaining legal title to the residential real estate property upon completion of a foreclosure or (ii) the borrower conveying all interest in the residential real estate property to the creditor to satisfy the loan through completion of a deed in lieu of foreclosure or similar legal agreement. ASU 2014-04 also requires disclosure of both the amount of foreclosed residential real estate property held by the creditor and the recorded investment in loans collateralized by residential real estate property that are in the process of foreclosure. The amendments are effective for fiscal years, and interim periods within those years, beginning after December 15, 2014, with early adoption permitted. Once adopted, an entity can elect either (i) a modified retrospective transition method or (ii) a prospective transition method. The modified retrospective transition method is applied by means of a cumulative-effect adjustment to residential mortgage loans and foreclosed residential real estate properties existing as of the beginning of the period for which the amendments of ASU 2014-04 are effective, with real estate reclassified to loans measured at the carrying value of the real estate at the date of adoption and loans reclassified to real estate measured at the lower of net carrying value of the loan or the fair value of the real estate less costs to sell at the date of adoption. The prospective transition method is applied by means of applying the amendments of ASU 2014-04 to all instances of receiving physical possession of residential real estate properties that occur after the date of adoption. Heartland adopted this standard on January 1, 2015, and the adoption did not have a material impact on the results of operations, financial position, and liquidity. As of September 30, 2015, Heartland had not received possession of any residential real estate properties that meet the disclosure requirements.

In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers." The amendment clarifies the principles for recognizing revenue and develops a common revenue standard. The amendment outlines a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance, including industry-specific guidance. The core principle of the revenue model is that "an entity recognizes revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services." In applying the revenue model to contracts within its scope, an entity should apply the following steps: (i) identify the contract(s) with a customer, (ii) identify the performance obligations in the contract, (iii) determine the transaction price, (iv) allocate the transaction price to the performance obligations in the contract, and (v) recognize revenue when (or as) the entity satisfies a performance obligation. The amendment applies to all contracts with customers except those that are within the scope of other topics in the FASB Codification. The standard also requires significantly expanded disclosures about revenue recognition. The amendment is effective for annual reporting periods beginning after December 15, 2017 (including interim reporting periods within those periods). Early application is not permitted. Heartland intends to adopt the accounting standard during the first quarter of 2018, as required, and is currently evaluating the impact on its results of operations, financial position, and liquidity.

In August 2014, the FASB issued ASU 2014-14, "Receivables-Troubled Debt Restructurings by Creditors: Classification of Certain Government-Guaranteed Mortgage Loans Upon Foreclosure." The amendment clarifies how creditors are to classify certain government-guaranteed mortgage loans upon foreclosure. The amendment requires that a mortgage loan be derecognized and a separate other receivable be recognized upon foreclosure if the following conditions are met: (1) the loan has a government guarantee that is not separate from the loan before foreclosure, and (2) at the time of foreclosure, the creditor has the intent to convey the real estate property to the guarantor and make a claim on the guarantee, and the creditor has the ability to recover under the claim, and (3) at the time of foreclosure, any amount of the claim that is determined on the basis of the fair value of the real estate is fixed. Upon foreclosure,
the separate other receivable should be measured on the amount of the loan balance (principal and interest) expected to be recovered for the guarantor. This amendment is effective for annual reporting periods, and interim reporting periods within those years, beginning after December 15, 2014, with early adoption permitted. Heartland adopted this standard on January 1, 2015, and the adoption did not have an impact on the results of operations, financial position, and liquidity.

In January 2015, the FASB issued ASU 2015-01, "Income Statement-Extraordinary and Unusual Items." The amendment eliminates from U.S. GAAP the concept of extraordinary items. Presently, an event or transaction is presumed to be an ordinary and usual activity of the reporting entity unless evidence clearly supports its classification as an extraordinary item. If an event or transaction meets the criteria for extraordinary classification, an entity is required to segregate the extraordinary item from the results of ordinary operations and show the item separately in the income statement, net of tax, after income from continuing operations. This amended guidance will prohibit separate disclosure of extraordinary items in the income statement. This amendment is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2015.

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Entities may apply the amendment prospectively or retrospectively to all prior periods presented in the financial statements. Early adoption is permitted provided that the guidance is applied from the beginning of the fiscal year of adoption. Heartland does not expect the adoption of this standard to have a material impact on the results of operations, financial position, and liquidity.

In April 2015, the FASB issued ASU 2015-03, "Interest-Imputation of Interest: Simplifying the Presentation of Debt Issuance Costs." The amendment intends to simplify the presentation of debt issuance costs and more closely align the presentation of debt issuance costs under U.S. GAAP with the presentation under comparable International Financial Reporting Standards. The cost of issuing debt will no longer be recorded as a separate asset, except when incurred before receipt of the funding from the associated debt liability. Debt issuance costs related to a recognized debt liability are to be presented on the balance sheet as a direct reduction from the debt liability, similar to the presentation of debt premiums or discounts. The costs will continue to be amortized to interest expense using the effective interest method. This amendment is effective for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years with early adoption permitted. The ASU requires retrospective application to all prior periods presented in the financial statements. Heartland adopted this standard effective March 31, 2015, at which time $\$ 550,000$ was reclassified from other assets to other borrowings on the consolidated balance sheet for all periods presented.

In April 2015, the FASB issued ASU 2015-05, "Intangibles-Goodwill and Other-Internal-Use Software." The amendment intends to provide guidance to customers about whether a cloud computing arrangement includes a software license. If a cloud computing arrangement includes a software license, then the customer should account for the software license element of the arrangement consistent with the acquisition of other software licenses. If a cloud computing arrangement does not include a software license, the customer should account for the arrangement as a service contract. The guidance will not change GAAP for a customer's accounting for service contracts. As a result, all software licenses within the scope of this guidance will be accounted for consistently with other licenses of intangible assets. This amendment is effective for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. Entities can elect to adopt the standard either retrospectively or prospectively to all cloud computing arrangements entered into or materially modified after the adoption date. Early adoption is permitted. Heartland intends to adopt this standard on January 1, 2016 and believes the adoption will not have a material impact on the results of operations, financial position, and liquidity.

In September 2015, the FASB issued ASU 2015-16, "Simplifying the Accounting for Measurement-Period Adjustments." The amendment eliminates the requirement of Topic 805, Business Combinations, to retrospectively adjust the financial statements for measurement-period adjustments that occur in periods after a business combination is consummated. Measurement-period adjustments are calculated as if they were known at the acquisition date, but are recognized in the reporting period in which they are determined. Prior period information is not revised. Additional disclosures are required about the impact on current period income statement line items of adjustments that would have been recognized in prior periods if prior period information had been revised. This amendment is effective for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. Early adoption is permitted if financial statements have not been issued. Heartland adopted this standard effective September 30, 2015. The adoption of this standard did not have a material impact on the results of operations, financial position, and liquidity.

## NOTE 2: ACQUISITIONS

CIC Bancshares, Inc.
On October 22, 2015, Heartland entered into a merger agreement with CIC Bancshares, Inc., parent company of Centennial Bank, headquartered in Denver, Colorado. Under the agreement, Heartland will acquire CIC Bancshares, Inc., in a transaction valued at approximately $\$ 83.5$ million, of which approximately $20 \%$ would be payable in cash
and approximately $80 \%$ would be payable by issuance of Heartland common stock. Simultaneous with the closing of the transaction, Centennial Bank will be merged into Heartland's Summit Bank \& Trust, with the resulting institution operating under the Centennial Bank name. Centennial Bank had assets of approximately $\$ 730.0$ million as of September 30, 2015, including loans of approximately $\$ 556.0$ million, and deposits of approximately $\$ 645.0$ million. The transaction is subject to approvals by shareholders of CIC Bancshares, Inc., and bank regulatory authorities, and is expected to close during the first quarter of 2016.

## Premier Valley Bank

On May 28, 2015, Heartland entered into a merger agreement with Premier Valley Bank in Fresno, California. Under the terms of the agreement, Premier Valley Bank shareholders will receive approximately $\$ 95.0$ million or $\$ 7.73$ per share of common stock in the merger, subject to adjustment if tangible equity is less than $\$ 58.8$ million, and may elect to receive this payment in shares of Heartland common stock or cash, subject to proration so that $70 \%$ of the total payment is in Heartland common stock and $30 \%$ in cash. As of September 30, 2015, Premier Valley Bank had assets of approximately $\$ 683.0$ million, loans of
approximately $\$ 414.0$ million, and deposits of approximately $\$ 598.0$ million. Upon closing of the transaction, Premier Valley Bank will become a wholly-owned subsidiary of Heartland and will continue to operate under its current name and management team as Heartland's tenth state-chartered bank.

First Scottsdale Bank, N.A.
On September 11, 2015, Heartland completed the purchase of First Scottsdale Bank, N.A., in Scottsdale, Arizona, in an all cash transaction valued at approximately $\$ 17.7$ million. Simultaneous with the closing of the transaction, First Scottsdale Bank, N.A., merged into Heartland's Arizona Bank \& Trust subsidiary. The transaction included, at fair value, total assets of $\$ 83.7$ million, loans of $\$ 54.7$ million, and deposits of $\$ 65.9$ million on the acquisition date.

Community Bancorporation of New Mexico, Inc.
On August 21, 2015, Heartland acquired Community Bancorporation of New Mexico, Inc., parent company of Community Bank in Santa Fe, New Mexico, in an all cash transaction valued at approximately $\$ 11.1$ million. Simultaneous with the closing of the transaction, Community Bank merged into Heartland's New Mexico Bank \& Trust subsidiary. The transaction included, at fair value, total assets of $\$ 166.5$ million, loans of $\$ 99.5$ million, and deposits of $\$ 147.4$ million on the acquisition date. Also included in this transaction is one bank building with a fair value of $\$ 3.4$ million that Heartland intends to sell. The building is classified as premises, furniture and equipment held for sale on the consolidated balance sheet.

Community Banc-Corp of Sheboygan, Inc.
On January 16, 2015, Heartland completed the acquisition of Community Banc-Corp of Sheboygan, Inc., parent company of Community Bank \& Trust in Sheboygan, Wisconsin. Under the terms of the agreement, the aggregate purchase price was based upon $155 \%$ of the December 31, 2014, adjusted tangible book value, as defined in the merger agreement, of Community Banc-Corp of Sheboygan, Inc. The purchase price was approximately $\$ 53.1$ million, which was paid by delivery of $1,970,720$ shares of Heartland common stock. The transaction included, at fair value, total assets of $\$ 506.8$ million, including loans of $\$ 395.0$ million, and deposits of $\$ 433.9$ million. Simultaneous with the close of the transaction, Community Bank \& Trust merged into Heartland's Wisconsin Bank \& Trust subsidiary. The transaction was a tax-free reorganization with respect to the stock consideration received by the stockholders of Community Banc-Corp of Sheboygan, Inc.

The assets and liabilities of Community Banc-Corp of Sheboygan, Inc. were recorded on the consolidated balance sheet at the estimated fair value on the acquisition date. The following table represents, in thousands, the amounts recorded on the consolidated balance sheet as of January 16, 2015:

As of January 16, 2015
Fair value of consideration paid
Common Stock
\$53,052
Cash
Total consideration paid
6

Fair value of assets acquired
Cash and due from banks
53,058

Securities:
Securities available for sale
7,109
52,976
Other securities 1,284
Loans held for sale 728
Loans held to maturity 395,007
Premises, furniture and equipment, net 13,954
Other real estate, net 346
Other intangible assets, net $\quad 10,295$
Other assets 25,066
Total assets 506,765
Fair value of liabilities assumed
Deposits
Short term borrowings 24,836
Other borrowings 6,097
Other liabilities 7,434
Total liabilities assumed 472,286
Fair value of net assets acquired $\quad 34,479$
Goodwill resulting from acquisition $\$ 18,579$
Heartland recognized goodwill of $\$ 18.6$ million in conjunction with the acquisition of Community Banc-Corp of Sheboygan, Inc., which is calculated as the excess of both the consideration exchanged and the liabilities assumed as compared to the fair value of identifiable assets acquired. See Note 6 for further information on goodwill.

Pro Forma Information: The following pro forma information presents the results of operations for the years ended December 31, 2014, and December 31, 2013, as if the Community Banc-Corp of Sheboygan, Inc. acquisition occurred on January 1, 2013:
(Dollars in thousands, except per share data)
Net interest income
Net income
Basic earnings per share
Diluted earnings per share

For the Years Ended
December 31, 2014 December 31, 2013
\$220,358 \$179,001
\$44,710 \$42,105
\$2.19
\$2.20
\$2.16 \$2.17\$2.17

The above pro forma results are presented for illustrative purposes and are not intended to represent or be indicative of the actual results of operations of the merged companies that would have been achieved had the acquisition occurred on January 1, 2013, nor are they intended to represent or be indicative of future results of operations. The pro forma results do not include expected operating cost savings as a result of the acquisition. These pro forma results require significant estimates and judgments particularly as it relates to valuation and accretion of income associated with the acquired loans.

Heartland incurred $\$ 1.7$ million of pre-tax merger related expenses during 2014 and 2015. The merger expenses are reflected on the consolidated statement of income for the applicable period and are reported primarily in the categories of salaries and employee benefits, professional fees and other noninterest expenses.

Acquired loans were preliminarily recorded at fair value based on a discounted cash flow valuation methodology that considers, among other things, projected default rates, loss given defaults, and recovery rates. No allowance for credit losses was carried over from the acquisition. The balance of nonaccrual loans at acquisition date was $\$ 5.8$ million.

## NOTE 3: SECURITIES

The amortized cost, gross unrealized gains and losses, and estimated fair values of securities available for sale as of September 30, 2015, and December 31, 2014, are summarized in the table below, in thousands:

September 30, 2015

| U.S. government corporations and agencies | $\$ 26,584$ | $\$ 436$ | $\$-$ | $\$ 27,020$ |
| :--- | :--- | :--- | :--- | :--- |
| Mortgage-backed securities | $1,001,955$ | 13,210 | $(8,816$ | $)$ |
| Obligations of states and political subdivisions | 211,194 | 3,946 | $(589$ | $)$ |
| Corporate debt securities | 740 | - | $(160$ | $)$ |
| Cotal |  |  |  |  |
| Total debt securities | $1,240,473$ | 17,592 | $(9,565$ | $)$ |
| Equity securities | 13,134 | 53 | - | 13,187 |
| Total | $\$ 1,253,607$ | $\$ 17,645$ | $\$(9,565$ | $) \$ 1,261,687$ |
| December 31, 2014 |  |  |  |  |
| U.S. government corporations and agencies | $\$ 24,010$ | $\$ 98$ | $\$(15$ | $) \$ 24,093$ |
| Mortgage-backed securities | $1,219,305$ | 11,929 | $(11,968$ | $1,219,266$ |
| Obligations of states and political subdivisions | 148,450 | 5,304 | $(328$ | 153,426 |
| Corporate debt securities | - | - | - | - |
| Total debt securities | $1,391,765$ | 17,331 | $(12,311$ | $1,396,785$ |
| Equity securities | 5,029 | 54 | - | 5,083 |
| Total | $\$ 1,396,794$ | $\$ 17,385$ | $\$(12,311$ | $\$ 1,401,868$ |

At both September 30, 2015, and December 31, 2014, the amortized cost of the available for sale securities is net of $\$ 184,000$ of credit related other-than-temporary impairment ("OTTI").

The amortized cost, gross unrealized gains and losses and estimated fair values of held to maturity securities as of September 30, 2015, and December 31, 2014, are summarized in the table below, in thousands:

September 30, 2015
Mortgage-backed securities \$5,482 \$178 \$(945 ) \$4,715
Obligations of states and political subdivisions
Total
December 31, 2014
Mortgage-backed securities
Obligations of states and political subdivisions Total

| Amortized <br> Cost | Gross <br> Unrealized <br> Gains | Gross <br> Unrealized <br> Losses | Estimated <br> Fair <br> Value |
| :--- | :--- | :--- | :--- |
| $\$ 5,482$ | $\$ 178$ | $\$(945$ | $)$ |
| 276,718 | 14,048 | $(859$ | $)$ |
| $\$ 282,200$ | $\$ 14,226$ | $\$(1,804$ | $)$ |
|  |  |  |  |
| $\$ 5,734$ | $\$ 217$ | $\$(667$ | $)$ |
| 278,853 | 13,576 | $(945$ | $)$ |
| $\$ 284,587$ | $\$ 13,793$ | $\$(1,612$ | $)$ |

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At September 30, 2015, the amortized cost of the held to maturity securities is net of $\$ 797,000$ of credit related OTTI and $\$ 351,000$ of non-credit related OTTI. At December 31, 2014, the amortized cost of the held to maturity securities was net of $\$ 797,000$ of credit related OTTI and $\$ 422,000$ of non-credit related OTTI.

Approximately 80\% of Heartland's mortgage-backed securities are issuances of government-sponsored enterprises.
The amortized cost and estimated fair value of debt securities available for sale at September 30, 2015, by contractual maturity are as follows, in thousands. Expected maturities will differ from contractual maturities because issuers may have the right to call or prepay obligations with or without penalties.

|  | Amortized Cost | Estimated Fair Value |
| :--- | :--- | :--- |
| Due in 1 year or less | $\$ 3,831$ | $\$ 3,839$ |
| Due in 1 to 5 years | 40,492 | 40,749 |
| Due in 5 to 10 years | 63,734 | 64,596 |
| Due after 10 years | 130,461 | 132,967 |
| Total debt securities | 238,518 | 242,151 |
| Mortgage-backed securities | $1,001,955$ | $1,006,349$ |
| Equity securities | 13,134 | 13,187 |
| Total investment securities | $\$ 1,253,607$ | $\$ 1,261,687$ |

The amortized cost and estimated fair value of debt securities held to maturity at September 30, 2015, by contractual maturity are as follows, in thousands. Expected maturities will differ from contractual maturities because issuers may have the right to call or prepay obligations with or without penalties.

|  | Amortized Cost | Estimated Fair Value |
| :--- | :--- | :--- |
| Due in 1 year or less | $\$ 5,290$ | $\$ 5,367$ |
| Due in 1 to 5 years | 13,881 | 14,620 |
| Due in 5 to 10 years | 59,706 | 62,884 |
| Due after 10 years | 197,841 | 207,036 |
| Total debt securities | 276,718 | 289,907 |
| Mortgage-backed securities | 5,482 | 4,715 |
| Total investment securities | $\$ 282,200$ | $\$ 294,622$ |

Gross gains and losses realized related to the sales of securities available for sale for the three- and nine-month periods ended September 30, 2015 and 2014, are summarized as follows, in thousands:

|  | Three Months Ended |  | Nine Months Ended |  |
| :--- | :--- | :--- | :--- | :--- |
|  | September 30, |  | September 30, |  |
|  | 2015 | 2014 | 2015 | 2014 |
| Proceeds from sales | $\$ 351,050$ | $\$ 189,939$ | $\$ 877,077$ | $\$ 699,830$ |
| Gross security gains | 2,416 | 1,101 | 10,857 | 4,547 |
| Gross security losses | 609 | 276 | 1,587 | 2,087 |

The following tables summarize, in thousands, the amount of unrealized losses, defined as the amount by which cost or amortized cost exceeds fair value, and the related fair value of investments with unrealized losses in Heartland's securities portfolio as of September 30, 2015, and December 31, 2014. The investments were segregated into two categories: those that have been in a continuous unrealized loss position for less than 12 months and those that have been in a continuous unrealized loss position for 12 or more months. The reference point for determining how long an investment was in an unrealized loss position was September 30, 2014, and December 31, 2013, respectively. Securities for which Heartland has taken credit-related OTTI write-downs are categorized as being "less than 12 months" or " 12 months or longer" in a continuous loss position based on the point in time that the fair value declined to below the cost basis and not the period of time since the credit-related OTTI write-down.

Securities available for sale

September 30, 2015
U.S. government corporations and agencies
Mortgage-backed securities
Obligations of states and political subdivisions
Corporate debt securities
December 31, 2014
U.S. government corporations and agencies
Mortgage-backed securities
Obligations of states and political subdivisions
Corporate debt securities
Total temporarily impaired securities

Less than 12 months 12 months or longer Total

| Fair | Unrealized | Fair | Unrealized | Fair | Unrealized |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Value | Losses | Value | Losses | Value | Losses |


| \$- | \$- |  | \$- | \$- |  | \$- | \$- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 381,863 | (7,239 | ) | 110,908 | (1,577 | , | 492,771 | (8,816 |
| 32,527 | (442 | ) | 9,892 | (147 | ) | 42,419 | (589 |
| 580 | (160 | ) | - | - |  | 580 | (160 |
| \$414,970 | \$(7,841 | ) | \$120,800 | \$(1,724 | ) | \$535,770 | \$(9,565 |
| \$6,042 | \$(15 | ) | \$- | \$- |  | \$6,042 | \$(15 |
| 327,363 | (7,391 | ) | 306,078 | (4,577 | ) | 633,441 | (11,968 |
| 886 | (6 | ) | 20,507 | (322 | ) | 21,393 | (328 |
| - | - |  | - | - |  | - | - |
| \$334,291 | \$(7,412 | ) | \$326,585 | \$ 4,899 | ) | \$660,876 | \$(12,311 |

$\left.\begin{array}{llllllll}\begin{array}{llllll}\text { Less than } & \text { months } \\ \text { Fair } \\ \text { Value }\end{array} & \begin{array}{l}\text { Unrealized } \\ \text { Losses }\end{array} & \begin{array}{l}\text { Fair } \\ \text { Value }\end{array} & \begin{array}{l}\text { Unrealized } \\ \text { Losses }\end{array} & \begin{array}{l}\text { Total } \\ \text { Fair } \\ \text { Value }\end{array} & \begin{array}{l}\text { Unrealized } \\ \text { Losses }\end{array} \\ \$- & \$- & \$ 1,832 & \$(945 & ) & \$ 1,832 & \$(945 & ) \\ 11,258 & (70 & ) & 18,220 & (789 & ) & 29,478 & (859\end{array}\right)$

Heartland reviews the investment securities portfolio on a quarterly basis to monitor its exposure to OTTI. A determination as to whether a security's decline in fair value is other-than-temporary takes into consideration numerous factors and the relative significance of any single factor can vary by security. Some factors Heartland may consider in the OTTI analysis include the length of time the security has been in an unrealized loss position, changes in security ratings, financial condition of the issuer, as well as security and industry specific economic conditions. In addition, with regard to debt securities, Heartland may also evaluate payment structure, whether there are defaulted

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payments or expected defaults, prepayment speeds, and the value of any underlying collateral. For certain debt securities in unrealized loss positions, Heartland prepares cash flow analyses to compare the present value of cash flows expected to be collected from the security with the amortized cost basis of the security. During 2012, Heartland experienced deterioration in the credit support on three private label mortgage-backed securities which resulted in a credit-related OTTI loss. The underlying collateral on these securities experienced an increased level of defaults and a slowing of voluntary prepayments causing the present value of the forward expected cash flows, using prepayment and

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default vectors, to be below the amortized cost basis of the securities. Based on Heartland's evaluation, a $\$ 981,000$ OTTI on three private label mortgage-backed securities attributable to credit-related losses was recorded in March 2012. The other-than-temporary credit-related losses were $\$ 797,000$ in the held to maturity category and $\$ 184,000$ in the available for sale category.

The remaining unrealized losses on Heartland's mortgage-backed securities are the result of changes in market interest rates or widening of market spreads subsequent to the initial purchase of the securities and not related to concerns regarding the underlying credit of the issuers or the underlying collateral. It is expected that the securities will not be settled at a price less than the amortized cost of the investment. Because the decline in fair value is attributable to changes in interest rates or widening market spreads and not credit quality, and because Heartland has the intent and ability to hold these investments until a market price recovery or to maturity and does not believe it will be required to sell the securities before maturity, these investments are not considered other-than-temporarily impaired.

Unrealized losses on Heartland's obligations of states and political subdivisions are the result of changes in market interest rates or widening of market spreads subsequent to the initial purchase of the securities. Management monitors the credit quality and financial stability of the underlying municipalities. Because the decline in fair value is attributable to changes in interest rates or widening market spreads due to insurance company downgrades and not underlying credit quality, and because Heartland has the intent and ability to hold these investments until a market price recovery or to maturity and does not believe it will be required to sell the securities before maturity, these investments are not considered other-than-temporarily impaired.

There were no gross realized gains or losses on the sale of available for sale securities with OTTI write-downs for the periods ended September 30, 2015, or December 31, 2014.

The following table shows the detail of OTTI write-downs on debt securities included in earnings and the related changes in other accumulated comprehensive income ("AOCI") for the same securities, in thousands:

| Three Months Ended September 30, |  | Nine Months Ended September 30, |  |
| :---: | :---: | :---: | :---: |
| 2015 | 2014 | 2015 | 2014 |
| \$- | \$- | \$- | \$- |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| (24 | ) (24 | ) $(72$ | ) (72 |
| (24 | ) (24 | ) (72 | ) (72 |
| \$(24 | \$(24 | ) $\$(72$ | ) \$(72 |

Heartland has not experienced any OTTI writedowns since the initial impairment charge in 2012.
Included in other securities at September 30, 2015, and December 31, 2014, were shares of stock in each Federal Home Loan Bank (the "FHLB") of Des Moines, Chicago, Dallas, San Francisco and Topeka at an amortized cost of $\$ 13.3$ million and $\$ 14.3$ million, respectively.

## NOTE 4: LOANS AND LEASES

Loans and leases as of September 30, 2015, and December 31, 2014, were as follows, in thousands:
September 30, 2015 December 31, 2014
Loans and leases receivable held to maturity:
Commercial
Commercial real estate
Agricultural and agricultural real estate
Residential real estate
Consumer
Gross loans and leases receivable held to maturity
Unearned discount
Deferred loan fees
Total net loans and leases receivable held to maturity
Loans covered under loss share agreements:
Commercial and commercial real estate
Agricultural and agricultural real estate
Residential real estate
Consumer
Total loans covered under loss share agreements
Allowance for loan and lease losses
Loans and leases receivable, net

| $\$ 1,240,956$ | $\$ 1,036,080$ |
| :--- | :--- |
| $2,062,142$ | $1,707,060$ |
| 469,381 | 423,827 |
| 491,667 | 380,341 |
| 379,903 | 330,555 |
| $4,644,049$ | $3,877,863$ |
| $(478$ | $)$ |
| $(1,048$ | $)(1,028$ |
| $4,642,523$ | $3,876,745$ |
| - | 54 |
| - | - |
| - | 1,204 |
| - | 1,258 |
| - | $(41,449$ |
| $(47,105$ | $\$ 3,836,554$ |

Heartland has certain lending policies and procedures in place that are designed to provide for an acceptable level of credit risk. The board of directors reviews and approves these policies and procedures on a regular basis. A reporting system supplements the review process by providing management and the board with frequent reports related to loan production, loan quality, concentrations of credit, loan delinquencies and nonperforming loans and potential problem loans. Diversification in the loan portfolio is also a means of managing risk associated with fluctuations in economic conditions.

The commercial and commercial real estate loan portfolio includes a wide range of business loans, including lines of credit for working capital and operational purposes and term loans for the acquisition of equipment and real estate. Although most loans are made on a secured basis, loans may be made on an unsecured basis where warranted by the overall financial condition of the borrower. Terms of commercial business loans generally range from one to five years. Commercial loans and leases are primarily made based on the identified cash flow of the borrower and secondarily on the underlying collateral provided by the borrower. The collateral that Heartland requires for most of these loans and leases is based upon the discounted market value of the collateral. The primary repayment risks of commercial loans and leases are that the cash flow of the borrowers may be unpredictable, and the collateral securing these loans may fluctuate in value. Heartland seeks to minimize these risks in a variety of ways. The underwriting analysis includes credit verification, analysis of global cash flows, appraisals and a review of the financial condition of the borrower. Personal guarantees are frequently required as a tertiary form of repayment. In addition, when underwriting loans for commercial real estate, careful consideration is given to the property's operating history, future operating projections, current and projected occupancy, location and physical condition. Heartland also utilizes government guaranteed lending through the U.S. Small Business Administration and the U.S. Department of Agriculture's Rural Development Business and Industry Program to assist customers with longer-term funding and to reduce risk.

Agricultural loans, many of which are secured by crops, machinery and real estate, are provided to finance capital improvements and farm operations as well as acquisitions of livestock and machinery. Agricultural loans present
unique credit risks relating to adverse weather conditions, loss of livestock due to disease or other factors, declines in market prices for agricultural products and the impact of government regulations. The ultimate repayment of agricultural loans is dependent upon the profitable operation or management of the agricultural entity. In underwriting agricultural loans, lending personnel work closely with their customers to review budgets and cash flow projections for the ensuing crop year. These budgets and cash flow projections are monitored closely during the year and reviewed with the customers at least annually. Lending personnel also work closely with governmental agencies, including the Farm Service Agency, to help agricultural customers obtain credit enhancement products such as loan guarantees or interest assistance.

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Heartland originates first-lien, adjustable-rate and fixed-rate, one-to-four-family residential real estate loans for the construction, purchase or refinancing of a single family residential property. These loans are principally collateralized by owner-occupied properties and are amortized over 10 to 30 years. Heartland typically sells longer-term, low-rate, residential mortgage loans in the secondary market with servicing rights retained. This practice allows Heartland to better manage interest rate risk and liquidity risk. The Heartland bank subsidiaries participate in lending programs sponsored by U.S. government agencies such as Veterans Administration and Federal Home Administration when justified by market conditions. As of September 30, 2015, Heartland had $\$ 950,000$ of loans secured by residential real estate property that were in the process of foreclosure.

Consumer lending includes motor vehicle, home improvement, home equity and small personal credit lines. Consumer loans typically have shorter terms, lower balances, higher yields and higher risks of default than one-to-four-family residential mortgage loans. Consumer loan collections are dependent on the borrower's continuing financial stability, and are therefore more likely to be affected by adverse personal circumstances. Risk is reduced through underwriting criteria, which include credit verification, appraisals, a review of the borrower's financial condition, and personal cash flows. A security interest, with title insurance when necessary, is taken in the underlying real estate. Heartland's consumer finance subsidiaries, Citizens Finance Co. and Citizens Finance of Illinois Co., typically lend to borrowers with past credit problems or limited credit histories and comprises approximately $20 \%$ of Heartland's total consumer loan portfolio.

Loans are considered past due if the required principal and interest payments have not been received as of the date such payments were due. Heartland's policy is to discontinue the accrual of interest income on any loan or lease when, in the opinion of management, there is a reasonable doubt as to the timely collection of the interest and principal, normally when a loan or lease is 90 days past due. When interest accruals are deemed uncollectible, interest credited to income in the current year is reversed and interest accrued in prior years is charged to the allowance for loan and lease losses. Nonaccrual loans and leases are returned to an accrual status when, in the opinion of management, the financial position of the borrower indicates that there is no longer any reasonable doubt as to the timely payment of interest and principal.

Under Heartland's credit practices, a loan is impaired when, based on current information and events, it is probable that Heartland will be unable to collect all amounts due according to the contractual terms of the loan agreement. Loan impairment is measured based on the present value of expected future cash flows discounted at the loan's effective interest rate, except where more practical, at the observable market price of the loan or the fair value of the collateral if the loan is collateral dependent.

The following table shows the balance in the allowance for loan and lease losses at September 30, 2015, and December 31, 2014, and the related loan balances, disaggregated on the basis of impairment methodology, in thousands. Loans evaluated under ASC 310-10-35 include loans on nonaccrual status and troubled debt restructurings, which are individually evaluated for impairment, and other impaired loans deemed to have similar risk characteristics. All other loans are collectively evaluated for impairment under ASC 450-20. Heartland has made no significant changes to the accounting for the allowance for loan and lease losses policy during 2015.

| Allowance For Loan and Lease Losses |  |  | Gross Loans and Leases Receivable Held to Maturity |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ending <br> Balance <br> Under ASC <br> 310-10-35 | Ending <br> Balance <br> Under ASC <br> 450-20 | Total | Ending <br> Balance <br> Evaluated <br> for <br> Impairment <br> Under ASC <br> 310-10-35 | Ending <br> Balance <br> Evaluated for <br> Impairment <br> Under ASC <br> 450-20 | Total |
| \$388 | \$ 13,522 | \$13,910 | \$8,386 | \$1,232,570 | \$1,240,956 |
| 645 | 17,441 | 18,086 | 43,682 | 2,018,460 | 2,062,142 |
| 40 | 3,899 | 3,939 | 5,916 | 463,465 | 469,381 |
| 372 | 3,474 | 3,846 | 14,024 | 477,643 | 491,667 |
| 1,057 | 6,267 | 7,324 | 4,925 | 374,978 | 379,903 |
| \$2,502 | \$44,603 | \$47,105 | \$76,933 | \$4,567,116 | \$4,644,049 |
| \$754 | \$11,155 | \$11,909 | \$4,526 | \$1,031,554 | \$ 1,036,080 |
| 636 | 15,262 | 15,898 | 35,771 | 1,671,289 | 1,707,060 |
| 52 | 3,243 | 3,295 | 5,049 | 418,778 | 423,827 |
| 442 | 3,299 | 3,741 | 10,235 | 370,106 | 380,341 |
| 813 | 5,793 | 6,606 | 6,143 | 324,412 | 330,555 |
| \$2,697 | \$38,752 | \$41,449 | \$61,724 | \$3,816,139 | \$3,877,863 |


| September 30, 2015 |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Commercial | $\$ 388$ | $\$ 13,522$ | $\$ 13,910$ | $\$ 8,386$ | $\$ 1,232,570$ | $\$ 1,240,956$ |
| Commercial real estate | 645 | 17,441 | 18,086 | 43,682 | $2,018,460$ | $2,062,142$ |
| Agricultural and agricultural real | 40 | 3,899 | 3,939 | 5,916 | 463,465 | 469,381 |
| estate | 372 | 3,474 | 3,846 | 14,024 | 477,643 | 491,667 |
| Residential real estate | 1,057 | 6,267 | 7,324 | 4,925 | 374,978 | 379,903 |
| Consumer | $\$ 2,502$ | $\$ 44,603$ | $\$ 47,105$ | $\$ 76,933$ | $\$ 4,567,116$ | $\$ 4,644,049$ |
| Total |  |  |  |  |  |  |
| December 31, 2014 | $\$ 754$ | $\$ 11,155$ | $\$ 11,909$ | $\$ 4,526$ | $\$ 1,031,554$ | $\$ 1,036,080$ |
| Commercial | 636 | 15,262 | 15,898 | 35,771 | $1,671,289$ | $1,707,060$ |
| Commercial real estate | 52 | 3,243 | 3,295 | 5,049 | 418,778 | 423,827 |
| Agricultural and agricultural real | 52, | 3,299 | 3,741 | 10,235 | 370,106 | 380,341 |
| estate | 442 | 5,793 | 6,606 | 6,143 | 324,412 | 330,555 |
| Residential real estate | 813 | $\$ 2,697$ | $\$ 38,752$ | $\$ 41,449$ | $\$ 61,724$ | $\$ 3,816,139$ |$\$ \$ 3,877,863$

The following table presents nonaccrual loans, accruing loans past due 90 days or more and troubled debt restructured loans not covered under loss share agreements at September 30, 2015, and December 31, 2014, in thousands. There were no nonaccrual leases, accruing leases past due 90 days or more or restructured leases at September 30, 2015, and December 31, 2014.

Nonaccrual loans
Nonaccrual troubled debt restructured loans
Total nonaccrual loans
Accruing loans past due 90 days or more
Performing troubled debt restructured loans

| September 30, 2015 | December 31, 2014 |
| :--- | :--- |
| $\$ 30,965$ | $\$ 24,205$ |
| 1,612 | 865 |
| $\$ 32,577$ | $\$ 25,070$ |
| $\$ 1,181$ | $\$-$ |
| $\$ 10,154$ | $\$ 12,133$ |

The following table provides information on troubled debt restructured loans that were modified during the three and nine months ended September 30, 2015, and September 30, 2014, dollars in thousands:

|  | Three Mo Septembe 2015 | onths Ended $\text { r } 30,$ |  | 2014 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Pre- | Post- |  | Pre- | Post- |
|  | Number | Modification | Modification | Number | Modification | Modification |
|  | of Loans | Recorded | Recorded | of Loans | Recorded | Recorded |
|  |  | Investment | Investment |  | Investment | Investment |
| Commercial | - | \$- | \$- | - | \$- | \$- |
| Commercial real estate | - | - | - | - | - | - |
| Total commercial and commercial real estate | - | - | - | - | - | - |
| Agricultural and agricultural real estate | - | - | - | 1 | 60 | 60 |
| Residential real estate | 1 | 55 | 55 | - | - | - |
| Consumer | - | - | - | - | - | - |
| Total | 1 | \$55 | \$55 | 1 | \$60 | \$60 |

Nine Months Ended
September 30,
2015

| Number of Loans | Pre- | Post- | Number of Loans | Pre- | Post- |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Modification | Modification |  | Modification | Modification <br> Recorded Investment |
|  | Recorded | Recorded |  | Recorded |  |
|  | Investment | Investment |  | Investment |  |
| 1 | \$830 | \$830 | - | \$- | \$- |
| 1 | 3,992 | 3,992 | 1 | 298 | 298 |
| 2 | 4,822 | 4,822 | 1 | 298 | 298 |
| 1 | 311 | 311 | 3 | 3,417 | 3,417 |
| 1 | 55 | 55 | 1 | 38 | 38 |
| - | - | - | - | - | - |
| 4 | \$5,188 | \$5,188 | 5 | \$3,753 | \$3,753 |

The pre-modification and post-modification recorded investment represents amounts as of the date of loan modification. Since the modifications on these loans have been only interest rate concessions and term extensions, not principal reductions, the pre-modification and post-modification recorded investment amounts are the same. At September 30, 2015, there were no commitments to extend credit to any of the borrowers with an existing troubled debt restructuring.

The following tables provide information on troubled debt restructured loans for which there was a payment default during the three months and nine months ended September 30, 2015, and September 30, 2014, in thousands, that had been modified during the twelve-month period prior to default:

| With Payment Defaults During the Following Periods |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| September 30, |  |  |  |
| 2015 |  | 2014 |  |
| Number of | Recorded | Number of | Recorded |
| Loans | Investment | Loans | Investment |
| - | \$- | - | \$- |
| 1 | 814 | - | - |
| 1 | 814 | - | - |
| - | - | 1 | 60 |
| - | - | - | - |
| - | - | - | - |
| 1 | \$814 | 1 | \$60 |
| With Payment Defaults During the Following Periods |  |  |  |
| Nine Months Ended |  |  |  |
| September 30, |  |  |  |
| 2015 |  | 2014 |  |
| Number of | Recorded | Number of | Recorded |
| Loans | Investment | Loans | Investment |
| - | \$- | - | \$- |
| 1 | 814 | - | - |
| 1 | 814 | - | - |
| - | - | 1 | 60 |
| - | - | - | - |
| - | - | - | - |
| 1 | \$814 | 1 | \$60 |

Heartland's internal rating system is a series of grades reflecting management's risk assessment, based on its analysis of the borrower's financial condition. The "pass" category consists of all loans that are not in the "nonpass" category, categorized into a range of loan grades that reflect increasing, though still acceptable, risk. Movement of risk through the various grade levels in the pass category is monitored for early identification of credit deterioration. The "nonpass" category consists of special mention, substandard, doubtful and loss loans. The "special mention" rating is attached to loans where the borrower exhibits negative financial trends due to borrower specific or systemic conditions that, if left uncorrected, threaten its capacity to meet its debt obligations. The borrower is believed to have sufficient financial flexibility to react to and resolve its negative financial situation. These credits are closely monitored for improvement or deterioration. The "substandard" rating is assigned to loans that are inadequately protected by the current sound net worth and paying capacity of the borrower and may be further at risk due to deterioration in the value of collateral pledged. Well-defined weaknesses jeopardize liquidation of the debt. These loans are still considered collectible, however, a distinct possibility exists that Heartland will sustain some loss if deficiencies are not corrected. Substandard loans may exhibit some or all of the following weaknesses: deteriorating trends, lack of earnings, inadequate debt service capacity, excessive debt and/or lack of liquidity. The "doubtful" rating is assigned to loans where identified weaknesses make collection or liquidation in full, on the basis of existing facts, conditions and values, highly questionable and improbable. These borrowers are usually in default, lack liquidity and capital, as well as, resources necessary to remain an operating entity. Specific pending events, such as capital injections, liquidations or perfection of liens on additional collateral, may strengthen the credit, thus deferring classification of the loan as loss until exact status can be determined. The "loss" rating is assigned to loans considered uncollectible. As of

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September 30, 2015, Heartland had no loans classified as doubtful and no loans classified as loss. Loans are placed on "nonaccrual" when management does not expect to collect payments of principal and interest in full or when principal or interest has been in default for a period of 90 days or more, unless the loan is both well secured and in the process of collection.

The following table presents loans and leases not covered by loss share agreements by credit quality indicator at September 30, 2015, and December 31, 2014, in thousands:

|  | Pass | Nonpass | Total |
| :--- | :--- | :--- | :--- |
| September 30, 2015  <br> Commercial $\$ 1,093,853$ | $\$ 147,103$ | $\$ 1,240,956$ |  |
| Commercial real estate | $1,878,579$ | 183,563 | $2,062,142$ |
| $\quad$ Total commercial and commercial real estate | $2,972,432$ | 330,666 | $3,303,098$ |
| Agricultural and agricultural real estate | 443,460 | 25,921 | 469,381 |
| Residential real estate | 470,332 | 21,335 | 491,667 |
| Consumer <br> Total gross loans and leases receivable held to <br> maturity | 371,268 | 8,635 | 379,903 |
| December 31, 2014 | $\$ 4,257,492$ | $\$ 386,557$ | $\$ 4,644,049$ |
| Commercial |  |  |  |
| Commercial real estate | $\$ 939,717$ | $\$ 96,363$ | $\$ 1,036,080$ |
| $\quad$ Total commercial and commercial real estate | $1,567,711$ | 139,349 | $1,707,060$ |
| Agricultural and agricultural real estate | $2,507,428$ | 235,712 | $2,743,140$ |
| Residential real estate | 402,883 | 20,944 | 423,827 |
| Consumer | 361,325 | 19,016 | 380,341 |
| $\quad$ Total gross loans and leases receivable held to | 321,114 | 9,441 | 330,555 |
| maturity | $\$ 3,592,750$ | $\$ 285,113$ | $\$ 3,877,863$ |

The nonpass category in the table above is comprised of approximately $69 \%$ special mention and $31 \%$ substandard as of September 30, 2015. The percent of nonpass loans on nonaccrual status as of September 30, 2015, was 8\%. As of December 31, 2014, the nonpass category in the table above was comprised of approximately $66 \%$ special mention and $34 \%$ substandard. The percent of nonpass loans on nonaccrual status as of December 31, 2014, was $9 \%$. Loans delinquent 30 to 89 days as a percent of total loans were $0.40 \%$ at September 30, 2015, compared to $0.21 \%$ at December 31, 2014. Changes in credit risk are monitored on a continuous basis and changes in risk ratings are made when identified. All impaired loans are reviewed at least annually.

The following table sets forth information regarding Heartland's accruing and nonaccrual loans and leases not covered by loss share agreements at September 30, 2015, and December 31, 2014, in thousands:

Accruing Loans and Leases

|  | 30-59 Days <br> Past Due | 60-89 Days <br> Past Due | 90 Days or <br> More Past <br> Due | Total <br> Past Due | Current | Nonaccrual | Total Loans and Leases |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September 30, 2015 |  |  |  |  |  |  |  |
| Commercial | \$1,729 | \$21 | \$291 | \$2,041 | \$1,235,294 | \$3,621 | \$1,240,956 |
| Commercial real estate | 6,115 | 1,475 | 890 | 8,480 | 2,040,177 | 13,485 | 2,062,142 |
| Total commercial and commercial real estate | 7,844 | 1,496 | 1,181 | 10,521 | 3,275,471 | 17,106 | 3,303,098 |
| Agricultural and agricultural real estate | 223 | 84 | - | 307 | 466,607 | 2,467 | 469,381 |
| Residential real estate | 2,118 | 535 | - | 2,653 | 478,464 | 10,550 | 491,667 |
| Consumer | 4,710 | 1,446 | - | 6,156 | 371,293 | 2,454 | 379,903 |
| Total gross loans and leases receivable held to maturity | \$14,895 | \$3,561 | \$1,181 | \$19,637 | \$4,591,835 | \$32,577 | \$4,644,049 |
| December 31, 2014 |  |  |  |  |  |  |  |
| Commercial | \$980 | \$48 | \$- | \$1,028 | \$ 1,032,707 | \$2,345 | \$1,036,080 |
| Commercial real estate | 1,788 | 111 | - | 1,899 | 1,693,554 | 11,607 | 1,707,060 |
| Total commercial and commercial real estate | 2,768 | 159 | - | 2,927 | 2,726,261 | 13,952 | 2,743,140 |
| Agricultural and agricultural real estate | 119 | 50 | - | 169 | 422,219 | 1,439 | 423,827 |
| Residential real estate | 1,037 | 445 | - | 1,482 | 371,982 | 6,877 | 380,341 |
| Consumer | 2,382 | 1,366 | - | 3,748 | 324,005 | 2,802 | 330,555 |
| Total gross loans and leases receivable held to maturity | \$6,306 | \$2,020 | \$- | \$8,326 | \$3,844,467 | \$25,070 | \$3,877,863 |

The majority of Heartland's impaired loans are those that are nonaccrual or have had their terms restructured in a troubled debt restructuring. The following tables present, for impaired loans not covered by loss share agreements and by category of loan, the unpaid contractual balance at September 30, 2015, and December 31, 2014; the outstanding loan balance recorded on the consolidated balance sheets at September 30, 2015, and December 31, 2014; any related allowance recorded for those loans as of September 30, 2015, and December 31, 2014; the average outstanding loan balance recorded on the consolidated balance sheets during the nine months ended September 30, 2015, and year ended December 31, 2014; and the interest income recognized on the impaired loans during the nine months ended September 30, 2015, and year ended December 31, 2014, in thousands:

|  |  |  | Quarter-to- | Quarter-to- | Year-to- | Year-to- |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Unpaid | Loan | Related | Date | Date | Date | Date |
| Contractual | Balance | Allowance | Avg. | Interest | Avg. | Interest |
| Balance |  | Recorded | Loan | Income | Loan | Income |
|  |  |  | Balance | Recognized | Balance | Recognized |

September 30, 2015
Impaired loans with a related allowance:

| Commercial | \$1,200 | \$948 | \$388 | \$394 | \$3 | \$383 | \$9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial real estate | 2,384 | 2,384 | 645 | 1,243 | 10 | 2,028 | 20 |
| Total commercial and commercial real estate | 3,584 | 3,332 | 1,033 | 1,637 | 13 | 2,411 | 29 |
| Agricultural and agricultural real estate | 3,196 | 3,196 | 40 | 3,281 | 85 | 3,058 | 123 |
| Residential real estate | 2,637 | 2,469 | 372 | 2,860 | 7 | 2,619 | 16 |
| Consumer | 3,036 | 3,027 | 1,057 | 3,136 | 5 | 2,845 | 16 |
| Total impaired loans with a related | \$ 12,453 | \$ 12,024 | \$2,502 | \$ 10,914 | \$110 | \$ 10,933 | \$184 |

allowance
Impaired loans without
a related allowance:

| Commercial | \$7,518 | \$7,438 | \$- | \$9,759 | \$100 | \$7,050 | \$274 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial real estate | 44,758 | 41,298 | - | 42,476 | 397 | 36,149 | 1,055 |
| Total commercial and commercial real estate | 52,276 | 48,736 | - | 52,235 | 497 | 43,199 | 1,329 |
| Agricultural and agricultural real estate | 2,720 | 2,720 | - | 2,197 | - | 2,106 | 9 |
| Residential real estate | 11,593 | 11,555 | - | 10,305 | 15 | 8,936 | 85 |
| Consumer | 1,898 | 1,898 | - | 2,025 | 4 | 2,431 | 27 |
| Total impaired loans without a related allowance | \$68,487 | \$64,909 | \$- | \$66,762 | \$516 | \$56,672 | \$1,450 |
| Total impaired loans held to maturity: |  |  |  |  |  |  |  |
| Commercial | \$8,718 | \$8,386 | \$388 | \$10,153 | \$103 | \$7,433 | \$283 |
| Commercial real estate | 47,142 | 43,682 | 645 | 43,719 | 407 | 38,177 | 1,075 |
| Total commercial and commercial real estate | 55,860 | 52,068 | 1,033 | 53,872 | 510 | 45,610 | 1,358 |
| Agricultural and agricultural real estate | 5,916 | 5,916 | 40 | 5,478 | 85 | 5,164 | 132 |
| Residential real estate | 14,230 | 14,024 | 372 | 13,165 | 22 | 11,555 | 101 |

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| Consumer | 4,934 | 4,925 | 1,057 | 5,161 | 9 | 5,276 | 43 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Total impaired loans | $\$ 80,940$ | $\$ 76,933$ | $\$ 2,502$ | $\$ 77,676$ | $\$ 626$ | $\$ 67,605$ | $\$ 1,634$ |
| held to maturity |  |  |  |  |  |  |  |


|  | Unpaid <br> Contractual <br> Balance | Loan <br> Balance | Related <br> Allowance <br> Recorded | Year-to- <br> Date <br> Avg. <br> Loan <br> Balance | Year-to- <br> Date <br> Interest <br> Income <br> Recognized |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |
| December 31, 2014 |  |  |  |  |  |
| Impaired loans with a related allowance: |  |  |  |  |  |
| Commercial | $\$ 780$ | $\$ 780$ | $\$ 754$ | $\$ 5,594$ | $\$ 19$ |
| Commercial real estate | 7,356 | 7,322 | 636 | 5,931 | 303 |
| Total commercial and commercial real estate | 8,136 | 8,102 | 1,390 | 11,525 | 322 |
| Agricultural and agricultural real estate | 3,317 | 3,317 | 52 | 3,966 | 104 |
| Residential real estate | 2,412 | 2,244 | 442 | 3,398 | 12 |
| Consumer | 2,799 | 2,799 | 813 | 4,053 | 19 |
| Total impaired loans with a related allowance | $\$ 16,664$ | $\$ 16,462$ | $\$ 2,697$ | $\$ 22,942$ | $\$ 457$ |
| Impaired loans without a related allowance: |  |  |  |  |  |
| Commercial | $\$ 4,913$ | $\$ 3,746$ | $\$-$ | $\$ 3,499$ | $\$ 101$ |
| Commercial real estate | 32,708 | 28,449 | - | 24,522 | 1,172 |
| Total commercial and commercial real estate | 37,621 | 32,195 | - | 28,021 | 1,273 |
| Agricultural and agricultural real estate | 3,961 | 1,732 | - | 3,308 | 13 |
| Residential real estate | 8,200 | 7,991 | - | 6,267 | 110 |
| Consumer | 3,350 | 3,344 | - | 1,870 | 127 |
| Total impaired loans without a related allowance | $\$ 53,132$ | $\$ 45,262$ | $\$-$ | $\$ 39,466$ | $\$ 1,523$ |
| Total impaired loans held to maturity: |  |  |  |  |  |
| Commercial | $\$ 5,693$ | $\$ 4,526$ | $\$ 754$ | $\$ 9,093$ | $\$ 120$ |
| Commercial real estate | 40,064 | 35,771 | 636 | 30,453 | 1,475 |
| Total commercial and commercial real estate | 45,757 | 40,297 | 1,390 | 39,546 | 1,595 |
| Agricultural and agricultural real estate | 7,278 | 5,049 | 52 | 7,274 | 117 |
| Residential real estate | 10,612 | 10,235 | 442 | 9,665 | 122 |
| Consumer | 6,149 | 6,143 | 813 | 5,923 | 146 |
| Total impaired loans held to maturity | $\$ 69,796$ | $\$ 61,724$ | $\$ 2,697$ | $\$ 62,408$ | $\$ 1,980$ |

On January 16, 2015, Heartland acquired Community Banc-Corp of Sheboygan, Inc., parent company of Community Bank \& Trust in Sheboygan, Wisconsin. As of January 16, 2015, Community Bank \& Trust had loans of \$413.4 million, and the estimated fair value of the loans acquired was $\$ 395.0$ million.

On August 21, 2015, Heartland acquired Community Bancorporation of New Mexico, Inc., parent company of Community Bank of Santa Fe, New Mexico. As of August 21, 2015, Community Bank had loans of $\$ 103.7$ million, and the estimated fair value of the loans acquired was $\$ 99.5$ million.

On September 11, 2015, Heartland acquired First Scottsdale Bank, N.A. in Scottsdale, Arizona. As of September 11, 2015, First Scottsdale Bank, N.A. had loans of $\$ 56.5$ million, and the estimated fair value of the loans acquired was $\$ 54.7$ million.

The acquisitions of Community Banc-Corp of Sheboygan, Inc., Community Bancorporation of New Mexico, Inc., and First Scottsdale Bank, N.A. were accounted for under the acquisition method of accounting in accordance with ASC 805, "Business Combinations." Purchased loans acquired in a business combination are recorded at estimated fair value on their purchase date, but the purchaser cannot carry over the related allowance for loan and lease losses. Purchased loans are accounted for under ASC 310-30, "Loans and Debt Securities with Deteriorated Credit Quality," when the loans have evidence of credit deterioration since origination and it is probable at the date of the acquisition that

Heartland will not collect all contractually required principal and interest payments. Evidence of credit quality deterioration at the purchase date included statistics such as past due and nonaccrual status. Generally, acquired loans that meet Heartland's definition for nonaccrual status fall within the scope of ASC 310-30. The difference between contractually required payments at acquisition and the cash flows expected to be collected at acquisition is referred to as the nonaccretable difference which is included in the carrying value of the loans. Subsequent decreases to the expected cash flows will generally result in a provision for loan and lease losses. Subsequent increases in cash flows result in a reversal of the provision for loan and lease losses to the extent of prior charges, or a reclassification of the difference from nonaccretable to accretable with a positive impact on future interest income. Further, any
excess of cash flows expected at acquisition over the estimated fair value is referred to as the accretable yield and is recognized into interest income over the remaining life of the loan when there is a reasonable expectation about the amount and timing of such cash flows.

The carrying amount of the loans acquired with the acquisitions in 2015 at September 30, 2015, consisted of purchased impaired and nonimpaired loans as summarized in the following table, in thousands:

| September 30,2015 |  |  |
| :--- | :--- | :--- |
| Impaired | Non Impaired | Total |
| Purchased | Purchased | Purchased |
| Loans | Loans | Loans |
| $\$-$ | $\$ 93,304$ | $\$ 93,304$ |
| 6,561 | 270,229 | 276,790 |
| - | 2,788 | 2,788 |
| - | 49,816 | 49,816 |
| - | 28,056 | 28,056 |
| $\$ 6,561$ | $\$ 444,193$ | $\$ 450,754$ |

On the acquisition dates, the preliminary estimate of the contractually required payments receivable for all loans with evidence of credit deterioration since origination acquired in the acquisitions was $\$ 14.7$ million and the estimated fair value of the loans was $\$ 9.3$ million. At September 30, 2015, a majority of these loans were valued based upon the liquidation value of the underlying collateral, because the expected cash flows are primarily based on the liquidation of underlying collateral and the timing and amount of the cash flows could not be reasonably estimated. At September 30,2015 , there was an allowance for loan and lease losses of $\$ 116,000$ related to these ASC 310-30 loans.

On the acquisition dates, the preliminary estimate of the contractually required payments receivable for all nonimpaired loans acquired in the acquisitions was $\$ 558.4$ million and the estimated fair value of the loans was $\$ 539.9$ million.

On July 2, 2009, Heartland acquired all deposits of The Elizabeth State Bank in Elizabeth, Illinois through its subsidiary Galena State Bank \& Trust Co., which merged into Illinois Bank \& Trust, in a whole bank loss sharing transaction facilitated by the FDIC. As of July 2, 2009, The Elizabeth State Bank had loans of $\$ 42.7$ million with an estimated fair value of $\$ 37.8$ million.

The acquired loans and other real estate owned were covered by a loss share agreement for non-residential loans and a loss share agreement for residential real estate. The loss sharing agreement for non-residential loans expired on October 1, 2014. The remaining residential real estate loans covered under the loss share agreement were not material at September 30, 2015. On October 7, 2015, Heartland reached a buy-out agreement with the FDIC on the residential real estate loan portfolio, and as a result Heartland no longer has any loans covered under loss share agreements.

## NOTE 5: ALLOWANCE FOR LOAN AND LEASE LOSSES

Changes in the allowance for loan and lease losses for the three and nine months ended September 30, 2015, and September 30, 2014, were as follows, in thousands:
$\left.\begin{array}{llllllll} & \text { Commercial } & \begin{array}{l}\text { Commercial } \\ \text { Real Estate }\end{array} & \text { Agricultural } & \begin{array}{l}\text { Residential } \\ \text { Real Estate }\end{array} & \text { Consumer } & \text { Unallocated Total } \\ \text { Balance at June 30, 2015 } \$ 13,064 & \$ 17,608 & \$ 3,676 & \$ 4,099 & \$ 7,167 & \$- & \$ 45,614 \\ \text { Charge-offs } & (869 & ) & (376 & ) & - & (13 & ) \\ \text { Recoveries } & 87 & 357 & 5 & 71,181 & - & (2,439\end{array}\right)$

|  | Commercial | Commercial <br> Real Estate | Agricultural |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | | Residential |
| :--- |
| Real Estate |$\quad$| Consumer |
| :--- | Unallocated Total

Management allocates the allowance for loan and lease losses by pools of risk within each loan portfolio. The allocation of the allowance for loan and lease losses by loan portfolio is made for analytical purposes and is not necessarily indicative of the trend of future loan and lease losses in any particular category. The total allowance for loan and lease losses is available to absorb losses from any segment of the loan portfolio.

## NOTE 6: GOODWILL, CORE DEPOSIT PREMIUM AND OTHER INTANGIBLE ASSETS

Heartland had goodwill of \$56.8 million at September 30, 2015, and \$35.6 million December 31, 2014. Heartland conducts its annual internal assessment of the goodwill both collectively and at its subsidiaries as of September 30.

Heartland recorded $\$ 18.6$ million of goodwill in connection with the acquisition of Community Banc-Corp of Sheboygan, Inc., the parent company of Community Bank \& Trust, based in Sheboygan, Wisconsin on January 16, 2015. The goodwill associated with this transaction is not deductible for tax purposes. As part of this acquisition, Heartland recognized core deposit intangibles of $\$ 6.0$ million that are expected to be amortized over a period of 10 years on an accelerated basis. The core deposit intangibles associated with this transaction are not deductible for tax purposes. In addition, Heartland recognized commercial servicing rights of $\$ 4.3$ million.

Heartland recorded $\$ 213,000$ of goodwill in connection with the acquisition of Community Bancorporation of New Mexico, Inc., parent company of Community Bank in Santa Fe, New Mexico, based in Santa Fe, New Mexico on August 21, 2015. The goodwill associated with this transaction is not deductible for tax purposes. As part of this acquisition, Heartland also recognized core deposit intangibles of $\$ 1.7$ million that are expected to be amortized over a period of 10 years on an accelerated basis. The core deposit intangibles associated with this transaction are not deductible for tax purposes.

Heartland recorded $\$ 2.5$ million of goodwill in connection with the acquisition of First Scottsdale Bank, N.A., based in Scottsdale, Arizona on September 11, 2015. The goodwill associated with this transaction is not deductible for tax purposes. As part of this acquisition, Heartland also recognized core deposit intangibles of $\$ 357,000$ that are expected to be amortized over a period of 10 years on an accelerated basis. The core deposit intangibles associated with this transaction are not deductible for tax purposes.

Goodwill related to the Community Banc-Corp of Sheboygan, Inc., Community Bancorporation of New Mexico, Inc., and First Scottsdale Bank, N.A., resulted from expected operational synergies, increased market presence, cross-selling opportunities, and expanded business lines.

Other intangible assets consist of core deposit intangibles, mortgage servicing rights, customer relationship intangible, and commercial servicing rights. The gross carrying amount of other intangible assets and the associated accumulated amortization at September 30, 2015, and December 31, 2014, are presented in the table below, in thousands:

|  | September 30, 2015 |  |  | December 31, 2014 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross <br> Carrying <br> Amount | Accumulated Amortization | Net Carrying Amount | Gross <br> Carrying <br> Amount | Accumulated Amortization | Net Carrying Amount |
| Amortizing intangible assets: |  |  |  |  |  |  |
| Core deposit intangibles | \$29,138 | \$ 14,572 | \$ 14,566 | \$21,069 | \$ 12,525 | \$8,544 |
| Mortgage servicing rights | 44,166 | 14,566 | 29,600 | 37,825 | 12,841 | 24,984 |
| Customer relationship intangible | 1,177 | 805 | 372 | 1,177 | 773 | 404 |
| Commercial servicing rights | 4,959 | 802 | 4,157 | - | - | - |
| Total | \$79,440 | \$30,745 | \$48,695 | \$60,071 | \$26,139 | \$33,932 |

The following table shows the estimated future amortization expense for amortizable intangible assets, in thousands:

| Core | Mortgage | Customer | Commercial |  |
| :--- | :--- | :--- | :--- | :--- |
| Deposit | Servicing | Relationship | Servicing |  |
| Intangibles | Rights | Intangible | Rights | Total |
| $5 \$ 755$ | $\$ 2,087$ | $\$ 11$ | $\$ 221$ | $\$ 3,074$ |

Three months ending December 31, 2015 \$755 \$2,087 \$1 \$221 \$3,074
Year ending December 31,

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| 2016 | 2,772 | 6,878 | 41 | 866 | 10,557 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 2017 | 2,452 | 5,896 | 40 | 820 | 9,208 |
| 2018 | 2,169 | 4,913 | 39 | 731 | 7,852 |
| 2019 | 1,886 | 3,930 | 38 | 563 | 6,417 |
| 2020 | 1,619 | 2,948 | 37 | 364 | 4,968 |
| Thereafter | 2,913 | 2,948 | 166 | 592 | 6,619 |
| Total | $\$ 14,566$ | $\$ 29,600$ | $\$ 372$ | $\$ 4,157$ | $\$ 48,695$ |

Projections of amortization expense for mortgage servicing rights are based on existing asset balances and the existing interest rate environment as of September 30, 2015. Heartland's actual experience may be significantly different depending upon changes in mortgage interest rates and market conditions. Mortgage loans serviced for others were $\$ 3.96$ billion and $\$ 3.50$ billion as of September 30, 2015, and December 31, 2014, respectively. The fair value of Heartland's mortgage servicing rights was estimated at $\$ 40.2$ million at September 30, 2015, and $\$ 34.2$ million at December 31, 2014.

Heartland's mortgage servicing rights portfolio is comprised of loans serviced for the Federal National Mortgage Association, the Federal Home Loan Mortgage Corporation, and the Government National Mortgage Association. The servicing rights portfolio is separated into 15 - and 30 -year tranches.

The fair value of mortgage servicing rights is calculated based upon a discounted cash flow analysis. Cash flow assumptions, including prepayment speeds, servicing costs and escrow earnings are considered in the calculation. The average constant prepayment rate was $10.79 \%$ and $11.40 \%$ for the September 30, 2015, and December 31, 2014, valuations, respectively. The discount rate was $9.23 \%$ and $9.20 \%$ for the September 30, 2015, and December 31, 2014, valuations, respectively. The average capitalization rate for the first nine months of 2015 ranged from 65 to 138 basis points compared to 75 and 139 basis points for 2014. Fees collected for the servicing of mortgage loans for others were $\$ 7.8$ million and $\$ 6.4$ million for the nine months ended September 30, 2015, and September 30, 2014, respectively.

The following table summarizes, in thousands, the changes in capitalized mortgage servicing rights for the nine months ended September 30, 2015, and September 30, 2014:

|  | 2015 | 2014 |  |
| :--- | :--- | :--- | :--- |
| Balance at January 1 | $\$ 24,984$ | $\$ 21,788$ |  |
| Originations | 11,062 | 5,955 |  |
| Amortization | $(6,446$ | $)$ | $(3,778$ |
| Balance at September 30 | $\$ 29,600$ | $\$ 23,965$ |  |
| Fair value of mortgage servicing rights | $\$ 40,166$ | $\$ 33,260$ |  |
| Mortgage servicing rights, net to servicing portfolio | 0.75 | $\%$ | 0.71 |

Heartland's commercial servicing rights portfolio was initially acquired with the Community Banc-Corp of Sheboygan, Inc. transaction that closed on January 16, 2015. The commercial servicing portfolio is comprised of loans serviced for the Small Business Administration and United States Department of Agriculture, which totaled $\$ 158.8$ million. Fees collected for the servicing of commercial loans for others were $\$ 438,000$. The fair value of Heartland's commercial servicing rights was estimated at $\$ 4.4$ million as of September 30, 2015.

The following table summarizes, in thousands, the changes in capitalized commercial servicing rights for the nine months ended September 30, 2015, and September 30, 2014:

|  | 2015 | 2014 |
| :--- | :--- | :--- |
| Balance at January 1 | $\$-$ | $\$-$ |
| Purchased commercial servicing rights | 4,255 | - |
| Originations | 704 | - |
| Amortization | $(802$ | $)$ |
| Balance at September 30 | $\$ 4,157$ | $\$-$ |
| Fair value of commercial servicing rights | $\$ 4,412$ | $\$-$ |
| Commercial servicing rights, net to servicing portfolio | 2.33 | $\%-$ |

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Mortgage and commercial servicing rights are initially recorded at fair value in net gains on sale of loans held for sale when they are acquired through loan sales. Fair value is based on market prices for comparable servicing contracts, when available, or based on a valuation model that calculates the present value of estimated future net servicing income.

Mortgage and commercial servicing rights are subsequently measured using the amortization method, which requires the asset to be amortized into noninterest income in proportion to, and over the period of, the estimated future net servicing income of the underlying loans. Servicing rights are evaluated for impairment based upon the fair value of the assets as compared to the carrying amount. Impairment is recognized through a valuation allowance for specific tranches to the extent that fair value is

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less than carrying amount. At September 30, 2015, and December 31, 2014, no valuation allowance was required for any of Heartland's servicing rights.

## NOTE 7: DERIVATIVE FINANCIAL INSTRUMENTS

Heartland uses derivative financial instruments as part of its interest rate risk management strategy. As part of the strategy, Heartland considers the use of interest rate swaps, caps, floors, collars, and certain interest rate lock commitments and forward sales of securities related to mortgage banking activities. Heartland's current strategy includes the use of interest rate swaps, interest rate lock commitments and forward sales of mortgage securities. In addition, Heartland is facilitating back-to-back loan swaps to assist customers in managing interest rate risk. Heartland's objectives are to add stability to its net interest margin and to manage its exposure to movements in interest rates. The contract or notional amount of a derivative is used to determine, along with the other terms of the derivative, the amounts to be exchanged between the counterparties. Heartland is exposed to credit risk in the event of nonperformance by counterparties to financial instruments. Heartland minimizes this risk by entering into derivative contracts with counterparties that meet Heartland's credit standards, and the contracts contain collateral provisions protecting the at-risk party. Heartland has not experienced any losses from nonperformance by these counterparties. Heartland monitors counterparty risk in accordance with the provisions of ASC 815.

In addition, interest rate-related derivative instruments generally contain language outlining collateral pledging requirements for each counterparty. Collateral must be posted when the market value exceeds certain threshold limits which are determined by credit ratings of each counterparty. Heartland was required to pledge $\$ 7.0$ million and $\$ 5.3$ million of cash as collateral at September 30, 2015, and December 31, 2014, respectively. Heartland's counterparties were required to pledge $\$ 0$ at both September 30, 2015, and December 31, 2014, respectively.

Heartland's derivative and hedging instruments are recorded at fair value on the consolidated balance sheets. See Note 8, "Fair Value," for additional fair value information and disclosures.

## Cash Flow Hedges

Heartland has variable rate funding which creates exposure to variability in interest payments due to changes in interest rates. To manage the interest rate risk related to the variability of interest payments, Heartland has entered into various interest rate swap agreements. Amounts reported in accumulated other comprehensive income (loss) related to derivatives will be reclassified to interest expense as interest payments are received or made on Heartland's variable-rate liabilities. For the nine months ended September 30, 2015, the change in net unrealized losses on cash flow hedges reflects changes in the fair value of the swaps and reclassification from accumulated other comprehensive income to interest expense totaling $\$ 1.7$ million. For the next twelve months, Heartland estimates that cash payments and reclassification from accumulated other comprehensive income to interest expense will total $\$ 2.2$ million.

Heartland executed an interest rate swap transaction on April 5, 2011, with an effective date of April 20, 2011, and an expiration date of April 20, 2016, to effectively convert $\$ 15.0$ million of its newly issued variable rate amortizing debt to fixed rate debt. For accounting purposes, this swap transaction is designated as a cash flow hedge of the changes in cash flows attributable to changes in one-month LIBOR, the benchmark interest rate being hedged, associated with the interest payments made on an amount of Heartland's debt principal equal to the then-outstanding swap notional amount. At inception, Heartland asserted that the underlying principal balance would remain outstanding throughout the hedge transaction making it probable that sufficient LIBOR-based interest payments would exist through the maturity date of the swap.

Heartland entered into three forward starting interest rate swap transactions to effectively convert Heartland Financial Statutory Trust IV, V, and VII, which total $\$ 65.0$ million, as well as Morrill Statutory Trust I and II, which total $\$ 20.0$

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million, from variable rate subordinated debentures to fixed rate debt. For accounting purposes, these five swap transactions are designated as cash flow hedges of the changes in cash flows attributable to changes in LIBOR, the benchmark interest rate being hedged, associated with the interest payments made on $\$ 85.0$ million of Heartland's subordinated debentures that reset quarterly on a specified reset date. At inception, Heartland asserted that the underlying principal balance would remain outstanding throughout the hedge transaction making it probable that sufficient LIBOR-based interest payments would exist through the maturity date of the swaps.
During the first quarter of 2015, Heartland entered into two additional forward starting interest rate swaps. The first forward starting interest rate swap transaction relates to Heartland's $\$ 20.0$ million Statutory Trust VI, which will convert from a fixed interest rate subordinated debenture to a variable interest rate subordinated debenture. The effective date of the interest rate swap transaction is June 15, 2017, and Heartland Statutory Trust VI will effectively remain at a fixed interest rate. The forward-starting swap transaction expires on June 15, 2024. The second forward starting interest rate swap is effective on March 1,

2017, and will replace the current interest rate swap related to Heartland Statutory Trust VII upon its expiration on March 1, 2017.
The table below identifies the balance sheet category and fair values of Heartland's derivative instruments designated as cash flow hedges at September 30, 2015, and December 31, 2014, in thousands:

|  | Notional <br> Amount | Fair <br> Value | Balance <br> Sheet <br> Category | Receive <br> Rate |  | Weighted <br> Average <br> Pay Rate | Maturity |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

The table below identifies the gains and losses recognized on Heartland's derivative instruments designated as cash flow hedges for the nine months ended September 30, 2015, and September 30, 2014, in thousands:

| Effective Portion |  | Ineffective Portion |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Recognized | Reclassified from AOCI into | Recognized in Income on <br> in OCI | Income |  |
| Amount of |  | Derivatives |  |  |
| Gain (Loss) | Category | Amount of | Category | Amount of |
|  |  | Gain (Loss) |  | Gain (Loss) |

Three Months Ended September 30, 2015

| Interest rate swap | \$48 |  | Interest Expense | \$(53 | ) | Other Income | \$- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate swap | (574 | ) | Interest Expense | (127 | ) | Other Income | - |
| Interest rate swap | 78 |  | Interest Expense | (150 | ) | Other Income | - |
| Interest rate swap | (266 | ) | Interest Expense | (156 | ) | Other Income | - |
| Interest rate swap | (122 | ) | Interest Expense | (35 | ) | Other Income | - |
| Interest rate swap | (120 | , | Interest Expense | (36 | ) | Other Income | - |
| Interest rate swap | (774 | ) | Interest Expense | - |  | Other Income | - |
| Interest rate swap | (784 | ) | Interest Expense | - |  | Other Income |  |

Nine Months Ended September 30, 2015

| Interest rate swap | $\$ 137$ |
| :--- | :--- |
| Interest rate swap | $(563$ |
| Interest rate swap | 247 |
| Interest rate swap | $(198$ |
| Interest rate swap | $(173$ |
| Interest rate swap | $(171$ |
| Interest rate swap | $(283$ |
| Interest rate swap | $(332$ |

Three Months Ended September 30, 2014

| Interest rate swap | $\$ 68$ | Interest Expense | $\$(63$ | $)$ | Other Income |
| :--- | :--- | :--- | :--- | :--- | :--- |

Nine Months Ended September 30, 2014

| Interest rate swap | $\$ 162$ |
| :--- | :--- |
| Interest rate swap | $(117$ |
| Interest rate swap | 387 |
| Interest rate swap | 8 |
| Interest rate swap | 48 |
| Interest rate swap | 48 |
| Interest rate swap | 146 |


|  | Interest Expense | \$(166 | ) | Other Income | \$- |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ) | Interest Expense | (379 | ) | Other Income | - |
|  | Interest Expense | (451 | ) | Other Income | - |
| ) | Interest Expense | (471 | ) | Other Income | - |
| ) | Interest Expense | (106 | ) | Other Income |  |
| ) | Interest Expense | (107 | ) | Other Income | - |
| ) | Interest Expense | - |  | Other Income | - |
|  | Interest Expense | - |  | Other Income |  |

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## Fair Value Hedge

Heartland uses interest rate swaps to convert certain long term fixed rate loans to floating rates to hedge interest rate risk exposure. Heartland uses hedge accounting in accordance with ASC 815, with the unrealized gains and losses, representing the change in fair value of the derivative and the change in fair value of the risk being hedged on the related loan, being recorded in the consolidated statements of income. The ineffective portions of the unrealized gains or losses, if any, are recorded in interest income and interest expense in the consolidated statements of income. Heartland uses statistical regression to assess hedge effectiveness, both at the inception of the hedge as well as on a continual basis. The regression analysis involves regressing the periodic change in fair value of the hedging instrument against the periodic changes in the fair value of the asset being hedged due to changes in the hedge risk.

During the second quarter of 2015, Heartland entered into an interest rate swap, paying a fixed interest rate of $3.40 \%$ to the counterparty and receives a variable interest rate from the same counterparty based on one month LIBOR plus $.88 \%$ calculated on a notional amount of $\$ 13.8$ million. The swap is designated as a fair value hedge and did not have a material impact on the consolidated balance sheets as of September 30, 2015, or consolidated statements of income for the three- and nine-month periods ended September 30, 2015. Heartland was required to pledge $\$ 414,000$ of cash as collateral as of September 30, 2015. The swap was recorded in other liabilities with a fair value of $\$ 111,500$ as of September 30, 2015.

## Loan Swaps

Heartland enters into interest rate swap loan relationships with customers to meet their financing needs. Upon entering into these loan swaps, Heartland enters into offsetting positions with counterparties in order to minimize interest rate risk. These back-to-back loan swaps qualify as financial derivatives with the fair values reported in other assets and other liabilities on the consolidated balance sheets. As of September 30, 2015, the fair value of the swap asset was $\$ 570,000$, and the fair value of the swap liability was $\$ 570,000$. The notional amount of the back-to-back loan swaps total $\$ 19.5$ million as of September 30, 2015. As of September 30, 2015, Heartland did not have any cash posted as collateral related to these back-to-back swaps, and there was no material impact to the consolidated financial statements.

## Mortgage Derivatives

Heartland also has entered into interest rate lock commitments to originate residential mortgage loans held for sale and forward commitments to sell residential mortgage loans and mortgage backed securities that are considered derivative instruments. The fair value of these commitments is recorded on the consolidated balance sheets with the changes in fair value recorded in the consolidated statements of income as a component of net gains on sale of loans held for sale. These derivative contracts are designated as free standing derivative contracts and are not designated against specific assets and liabilities on the consolidated balance sheets or forecasted transactions and therefore do not qualify for hedge accounting treatment.

The table below identifies the balance sheet category and fair values of Heartland's derivative instruments not designated as hedging instruments at September 30, 2015, and December 31, 2014, in thousands:

| Balance Sheet <br> Category | Notional <br> Amount | Fair <br> Value |
| :--- | :--- | :--- |
| Other Assets | $\$ 126,619$ | $\$ 4,903$ |
| Other Assets <br> Other Liabilities | 117,525 | 833,020 |

December 31, 2014
September 30, 2015
Interest rate lock commitments (mortgage)
Forward commitments
Forward commitments

Interest rate lock commitments (mortgage)
Forward commitments
Forward commitments

Other Assets \$74,863
\$2,496
Other Assets 88,484
275
Other Liabilities 218,337
(1,619

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The table below identifies the income statement category of the gains and losses recognized in income on Heartland's derivative instruments not designated as hedging instruments for the three- and nine-month periods ended September 30, 2015, and September 30, 2014, in thousands:

| Income Statement Category | Gain (Loss) Recognized |
| :--- | :--- |
| Gains on sale of loans held for sale | $\$(361$ |
| Gains on sale of loans held for sale | $(4,237$ |
|  |  |
| Gains on sale of loans held for sale | $\$ 3,471$ |
| Gains on sale of loans held for sale | $(662$ |
|  |  |
| Gains on sale of loans held for sale | $\$(1,924$ |
| Gains on sale of loans held for sale | 1,505 |

Nine Months Ended September 30, 2014
Interest rate lock commitments (mortgage)
Forward commitments

Gains on sale of loans held for sale \$3,393
Gains on sale of loans held for sale $\quad(1,474$

## NOTE 8: FAIR VALUE

Heartland utilizes fair value measurements to record fair value adjustments to certain assets and liabilities and to determine fair value disclosures. Securities available for sale, trading securities and derivatives are recorded in the consolidated balance sheets at fair value on a recurring basis. Additionally, from time to time, Heartland may be required to record at fair value other assets on a nonrecurring basis such as loans held for sale, loans held to maturity and certain other assets including, but not limited to, mortgage servicing rights, commercial servicing rights and other real estate owned. These nonrecurring fair value adjustments typically involve application of lower of cost or fair value accounting or write-downs of individual assets.

## Fair Value Hierarchy

Under ASC 820, assets and liabilities are grouped at fair value in three levels, based on the markets in which the assets and liabilities are traded and the reliability of the assumptions used to determine fair value. These levels are:

Level 1 - Valuation is based upon quoted prices for identical instruments in active markets.
Level 2 - Valuation is based upon quoted prices for similar instruments in active markets, or similar instruments in markets that are not active, and model-based valuation techniques for all significant assumptions are observable in the market.

Level 3 - Valuation is generated from model-based techniques that use at least one significant assumption not observable in the market. These unobservable assumptions reflect estimates of assumptions that market participants would use in pricing the asset or liability. Valuation techniques include use of option pricing models, discounted cash flow models and similar techniques.

The following is a description of valuation methodologies used for assets and liabilities recorded at fair value on a recurring or non-recurring basis.

Assets
Securities Available for Sale and Held to Maturity
Securities available for sale are recorded at fair value on a recurring basis. Securities held to maturity are generally recorded at cost and are recorded at fair value only to the extent a decline in fair value is determined to be other-than-temporary. Fair value measurement is based upon quoted prices, if available. If quoted prices are not available, fair values are measured using independent pricing models or other model-based valuation techniques such as the present value of future cash flows, adjusted

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for the security's credit rating, prepayment assumptions and other factors such as credit loss assumptions. Level 1 securities include those traded on an active exchange, such as the New York Stock Exchange, as well as U.S. Treasury securities. Level 2 securities include U.S. government and agency securities, mortgage-backed securities and private collateralized mortgage obligations, municipal bonds and corporate debt securities. Level 3 securities consist primarily of Z-TRANCHE mortgage-backed securities and corporate debt securities. On a quarterly basis, a secondary independent pricing service is used for a sample of securities to validate the pricing from Heartland's primary pricing service.

## Loans Held for Sale

Loans held for sale are carried at the lower of cost or fair value on an aggregate basis. The fair value of loans held for sale is based on what secondary markets are currently offering for portfolios with similar characteristics. As such, Heartland classifies loans held for sale subjected to nonrecurring fair value adjustments as Level 2.

## Loans Held to Maturity

Heartland does not record loans held to maturity at fair value on a recurring basis. However, from time to time, a loan is considered impaired and an allowance for loan losses is established. Loans for which it is probable that payment of interest and principal will not be made in accordance with the contractual terms of the loan agreement are considered impaired. Once a loan is identified as individually impaired, management measures impairment in accordance with ASC 310. The fair value of impaired loans is measured using one of the following impairment methods: 1) the present value of expected future cash flows discounted at the loan's effective interest rate or 2) the observable market price of the loan or 3) the fair value of the collateral if the loan is collateral dependent. In accordance with ASC 820, impaired loans measured at fair value are classified as nonrecurring Level 3 in the fair value hierarchy.

Premises, furniture and equipment held for sale
Heartland values premises, furniture and equipment held for sale based on third-party appraisals less estimated disposal costs. Heartland considers third party appraisals, as well as independent fair value assessments from realtors or persons involved in selling bank premises, furniture and equipment, in determining the fair value of particular properties. Accordingly, the valuation of premises, furniture and equipment held for sale is subject to significant external and internal judgment. Heartland periodically reviews premises, furniture and equipment held for sale to determine if the fair value of the property, less disposal costs, has declined below its recorded book value and records any adjustments accordingly. Premises, furniture and equipment held for sale are classified as nonrecurring Level 3 in the fair value hierarchy.

## Mortgage Servicing Rights

Mortgage servicing rights assets represent the value associated with servicing residential real estate loans that have been sold to outside investors with servicing retained. Heartland uses the amortization method (i.e., the lower of amortized cost or estimated fair value measured on a nonrecurring basis), not fair value measurement accounting, to determine the carrying value of its mortgage servicing rights. The fair value for servicing assets is determined through discounted cash flow analysis and utilizes discount rates, prepayment speeds and delinquency rate assumptions as inputs. All of these assumptions require a significant degree of management estimation and judgment. Mortgage servicing rights are subject to impairment testing. The carrying values of these rights are reviewed quarterly for impairment based upon the calculation of fair value as performed by an outside third party. For purposes of measuring impairment, the rights are stratified into certain risk characteristics including note type and note term. If the valuation model reflects a fair value less than the carrying value, mortgage servicing rights are adjusted to fair value through a valuation allowance. Heartland classifies mortgage servicing rights as nonrecurring with Level 3 measurement inputs.

## Commercial Servicing Rights

Commercial servicing rights assets represent the value associated with servicing commercial loans that have been sold to Small Business Administration and United States Department of Agriculture with servicing retained. Heartland uses

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the amortization method (i.e., the lower of amortized cost or estimated fair value measured on a nonrecurring basis), not fair value measurement accounting, to determine the carrying value of its commercial servicing rights. The fair value for servicing assets is determined through market prices for comparable servicing contracts, when available, or through a valuation model that calculates the present value of estimated future net servicing income. Inputs utilized include discount rates, prepayment speeds and delinquency rate assumptions as inputs. All of these assumptions require a significant degree of management estimation and judgment. Commercial servicing rights are subject to impairment testing, and the carrying values of these rights are reviewed quarterly for impairment based upon the calculation of fair value as performed by an outside third party. If the valuation model reflects a fair value less than the carrying value, commercial servicing rights are adjusted to fair value through a valuation allowance. Heartland classifies commercial servicing rights as nonrecurring with Level 3 measurement inputs.

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## Derivative Financial Instruments

Heartland's current interest rate risk strategy includes interest rate swaps. The valuation of these instruments is determined using widely accepted valuation techniques including discounted cash flow analysis on the expected cash flows of each derivative. This analysis reflects the contractual terms of the derivatives, including the period to maturity, and uses observable market-based inputs, including interest rate curves and implied volatilities. To comply with the provisions of ASC 820, Heartland incorporates credit valuation adjustments to appropriately reflect both its own nonperformance risk and the respective counterparty's nonperformance risk in the fair value measurements. In adjusting the fair value of its derivative contracts for the effect of nonperformance risk, Heartland has considered the impact of netting any applicable credit enhancements, such as collateral postings, thresholds, mutual puts, and guarantees.

Although Heartland has determined that the majority of the inputs used to value its derivatives fall within Level 2 of the fair value hierarchy, the credit valuation adjustments associated with its derivatives utilize Level 3 inputs, such as estimates of current credit spreads to evaluate the likelihood of default by itself and its counterparties. However, as of September 30, 2015, and December 31, 2014, Heartland has assessed the significance of the impact of the credit valuation adjustments on the overall valuation of its derivative positions and has determined that the credit valuation adjustments are not significant to the overall valuation of its derivatives. As a result, Heartland has determined that its derivative valuations in their entirety are classified in Level 2 of the fair value hierarchy.

Interest rate lock commitments
Heartland uses an internal valuation model that relies on internally developed inputs to estimate the fair value of its interest rate lock commitments which is based on unobservable inputs that reflect management's assumptions and specific information about each borrower. Interest rate lock commitments are classified in Level 3 of the fair value hierarchy.

## Forward commitments

The fair value of forward commitments are estimated using an internal valuation model, which includes current trade pricing for similar financial instruments in active markets that Heartland has the ability to access and are classified in Level 2 of the fair value hierarchy.

## Other Real Estate Owned

Other real estate owned ("OREO") represents property acquired through foreclosures and settlements of loans. Property acquired is carried at the fair value of the property at the time of acquisition (representing the property's cost basis), plus any acquisition costs, or the estimated fair value of the property, less disposal costs. Heartland considers third party appraisals, as well as independent fair value assessments from realtors or persons involved in selling OREO, in determining the fair value of particular properties. Accordingly, the valuation of OREO is subject to significant external and internal judgment. Heartland periodically reviews OREO to determine if the fair value of the property, less disposal costs, has declined below its recorded book value and records any adjustments accordingly. OREO is classified as nonrecurring Level 3 of the fair value hierarchy.

The table below presents Heartland's assets and liabilities that are measured at fair value on a recurring basis as of September 30, 2015, and December 31, 2014, in thousands, aggregated by the level in the fair value hierarchy within which those measurements fall:

Total Fair Value Level $1 \quad$ Level $2 \quad$ Level 3
September 30, 2015
Assets
Securities available for sale

| U.S. government corporations and agencies | $\$ 27,020$ | $\$ 529$ | $\$ 26,491$ | $\$-$ |
| :--- | :--- | :--- | :--- | :--- |
| Mortgage-backed securities | $1,006,349$ | - | $1,000,309$ | 6,040 |
| Obligations of states and political | 214,551 | - | 214,551 | - |
| subdivisions | 580 | - | - | 580 |
| Corporate debt securities | 13,187 | - | 13,187 | - |
| Equity securities | 4,903 | - | - | 4,903 |
| Interest rate lock commitments | 833 | - | 833 | - |
| Forward commitments <br> Total assets at fair value | $\$ 1,267,423$ | $\$ 529$ | $\$ 1,255,371$ | $\$ 11,523$ |
| Liabilities | $\$ 4,982$ | $\$-$ | $\$ 4,982$ | $\$-$ |
| Derivative financial instruments | 2,841 | - | 2,841 | - |
| Forward commitments | $\$ 7,823$ | $\$-$ | $\$ 7,823$ | $\$-$ |
| Total liabilities at fair value |  |  |  |  |

December 31, 2014
Assets
Securities available for sale

| U.S. government corporations and agencies | $\$ 24,093$ | $\$ 2,529$ | $\$ 21,564$ | $\$-$ |
| :--- | :--- | :--- | :--- | :--- |
| Mortgage-backed securities | $1,219,266$ | - | $1,214,319$ | 4,947 |
| Obligations of states and political | 153,426 | - | 153,426 | - |
| subdivisions | - | - | - | - |
| Corporate debt securities | 5,083 | - | 5,083 | - |
| Equity securities | 2,496 | - | 2,45 | 2,496 |
| Interest rate lock commitments | 275 | - | $\$ 1,394,667$ | $\$ 7,443$ |
| Forward commitments | $\$ 1,404,639$ | $\$ 2,529$ |  |  |
| Total assets at fair value | $\$-$ | $\$ 3,646$ | $\$-$ |  |
| Liabilities | $\$ 3,646$ | $\$-$ | 1,619 | - |
| Derivative financial instruments | 1,619 | $\$-$ | $\$ 5,265$ | $\$-$ |
| Forward commitments | $\$ 5,265$ |  |  |  |
| Total liabilities at fair value |  |  |  |  |

The tables below present Heartland's assets that are measured at fair value on a nonrecurring basis, in thousands:
Fair Value Measurements at September 30, 2015
Quoted Prices

|  | in | Significant | Significant |  |
| :--- | :--- | :--- | :--- | :--- |
| Total | Active | Other | Uear-to- |  |
|  | Markets for | Observable | Unobservable | Date |
|  | Identical | Inputs | (Level 3) | Losses |
|  | Assets | (Level 2) |  |  |
|  | (Level 1) |  |  |  |

Collateral dependent impaired loans:

| Commercial | $\$ 767$ | $\$-$ | $\$-$ | $\$ 767$ | $\$ 79$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Commercial real estate | 4,277 | - | - | 4,277 | 57 |
| Agricultural and agricultural real estate | - | - | - | - | - |
| Residential real estate | 2,475 | - | - | 2,475 | 5 |
| Consumer | 1,970 | - | - | 1,970 | - |
| Total collateral dependent impaired loans | $\$ 9,489$ | $\$-$ | $\$-$ | $\$ 9,489$ | $\$ 141$ |
| Other real estate owned | $\$ 17,041$ | $\$-$ | $\$-$ | $\$ 17,041$ | $\$ 1,685$ |
| Premises, furniture and equipment held for | $\$ 3,440$ | $\$-$ | $\$-$ | $\$ 3,440$ | $\$-$ |

Fair Value Measurements at December 31, 2014
Quoted Prices

| in | Significant | Significant |  |
| :--- | :--- | :--- | :--- |
| Active | Other | Year-to- |  |
| Markets for | Observable | Unobservable | Date |
| Inputs | Losses |  |  |
| Assets | Inputs | (Level 2) | (Level 3) |

Collateral dependent impaired loans:

| Commercial | $\$ 1,033$ | $\$-$ |  | $\$-$ | $\$ 1,033$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Commercial real estate | 12,584 | - |  | - | 12,584 |
| Agricultural and agricultural real estate | 552 | - | - | 552 | 492 |
| Residential real estate | 3,173 | - |  | - | 3,173 |
| Consumer | 2,003 | - |  | - | 2,003 |
| Total collateral dependent impaired loans | $\$ 19,345$ | $\$-$ |  | $\$-$ | $\$ 19,345$ |
| Other real estate owned | $\$ 19,016$ | $\$-$ |  | $\$-$ | $\$ 3,402$ |
| Premises, furniture and equipment held for | $\$-$ | $\$-$ | $\$-$ | $\$-$ | $\$ 1,016$ |
| sale |  |  |  | $\$-$ |  |

The following tables present additional quantitative information about assets measured at fair value and for which Heartland has utilized Level 3 inputs to determine fair value, in thousands:

| Z-TRANCHE Securities | Fair Value at $9 / 30 / 15$ | Valuation | Unobservable | Range |
| :---: | :---: | :---: | :---: | :---: |
|  | \$6,040 | Discounted cash flows | Pretax discount rate | 7.00-9.50\% |
|  |  |  | Actual defaults | $\begin{aligned} & 17.28-32.60 \% \\ & (26.32 \%) \end{aligned}$ |
|  |  |  | Actual deferrals | 4.91-21.20\% (16.30\%) |
| Corporate debt securities | 580 | Discounted cash flows | Bank analysis | (1) |
| Interest rate lock commitments | 4,903 | Discounted cash flows | Closing ratio | (2) |
| Premises, furniture and equipment held for sale | 3,440 | Modified appraised value | Third party appraisal Appraisal discount | (3) (3) |
| Collateral dependent impaired loans: |  |  |  |  |
| Commercial | 767 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Commercial real estate | 4,277 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Agricultural and agricultural real estate | - | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Residential real estate | 2,475 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Consumer | 1,970 | Modified appraised value | Third party valuation | (3) |
|  |  |  | Valuation discount | (3) |
| Other real estate owned | 17,041 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |

(1) The unobservable input is the bank analysis market using Moody's Global Bank Rating Methodology. The analysis takes into consideration various performance metrics as well as yield on the debt securities and credit risk analysis.
(2) The significant unobservable input used in the fair value measurement is the closing ratio, which represents the percentage of loans currently in a lock position which management estimates will ultimately close. The closing ratio calculation takes into consideration historical data and loan-level data; therefore providing a range would not be

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meaningful. The weighted average closing ratio at September 30, 2015, was $86 \%$.
(3) Third party appraisals are obtained as to the value of the underlying asset, but disclosure of this information would not provide meaningful information, as the range will vary widely from loan to loan. Types of discounts considered included age of the appraisal, local market conditions, current condition of the property, and estimated sales costs. These discounts will also vary from loan to loan, thus providing range would not be meaningful.

| Z-TRANCHE Securities | Fair Value at $12 / 31 / 14$ | Valuation <br> Technique | Unobservable Input | Range <br> (Weighted Average) |
| :---: | :---: | :---: | :---: | :---: |
|  | \$4,947 | Discounted cash flows | Pretax discount rate | $7.00-9.00 \%$ |
|  |  |  | Actual defaults | $\begin{aligned} & 15.60-30.60 \% \\ & (24.50 \%) \end{aligned}$ |
|  |  |  | Actual deferrals | $\begin{aligned} & 7.20-17.30 \% \\ & (12.90 \%) \end{aligned}$ |
| Corporate debt securities | - | Discounted cash flows | Bank analysis | (1) |
| Interest rate lock commitments | 2,496 | Discounted cash flows | Closing ratio | (2) |
| Premises, furniture and equipment held for sale | _ | Modified appraised value | Third party appraisal | (3) |
|  |  |  |  | (3) |
| Collateral dependent impaired loans: |  |  |  |  |
| Commercial | 1,033 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Commercial real estate | 12,584 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Agricultural and agricultural real estate | 552 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Residential real estate | 3,173 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |
| Consumer | 2,003 | Modified appraised value | Third party valuation | (3) |
|  |  |  | Valuation discount | (3) |
| Other real estate owned | 19,016 | Modified appraised value | Third party appraisal | (3) |
|  |  |  | Appraisal discount | (3) |

(1) The unobservable input is the bank analysis market using Moody's Global Bank Rating Methodology. The analysis takes into consideration various performance metrics as well as yield on the debt securities and credit risk analysis.
(2) The significant unobservable input used in the fair value measurement is the closing ratio, which represents the percentage of loans currently in a lock position which management estimates will ultimately close. The closing ratio calculation takes into consideration historical data and loan-level data; therefore providing a range would not be meaningful. The weighted average closing ratio at December 31, 2014, was $84 \%$.
(3) Third party appraisals are obtained as to the value of the underlying asset, but disclosure of this information would not provide meaningful information, as the range will vary widely from loan to loan. Types of discounts considered
included age of the appraisal, local market conditions, current condition of the property, and estimated sales costs. These discounts will also vary from loan to loan, thus providing range would not be meaningful.

The changes in fair value of the Z-TRANCHE, a Level 3 asset, that is measured on a recurring basis are summarized in the following table, in thousands:

|  | For the Nine Months Ended September 30, 2015 | For the Year Ended December 31, 2014 |
| :---: | :---: | :---: |
| Balance at January 1, | \$4,947 | \$3,298 |
| Total gains (losses): |  |  |
| Included in earnings | - | - |
| Included in other comprehensive income | 1,209 | 1,783 |
| Purchases, sales and settlements: |  |  |
| Purchases | 6 | - |
| Sales | - | - |
| Settlements | (122 | ) (134 |
| Balance at period end | \$6,040 | \$4,947 |

The changes in fair value of the corporate debt securities, Level 3 assets, that are measured on a recurring basis is summarized in the following table, in thousands:

|  | For the Nine Months Ended |  |
| :--- | :--- | :--- |
| September 30, 2015 | For the Year Ended |  |
| Balance at January 1, | $\$-$ | $\$-$ |
| Total gains (losses): | - | - |
| Included in earnings | $(160$ | - |
| Included in other comprehensive income |  | - |
| Purchases, acquired, sales and settlements: | - | - |
| Purchases | 740 | - |
| Acquired | - | - |
| Sales | - | $\$-$ |

The changes in fair value of the interest rate lock commitments, which are Level 3 financial instruments and are measured on a recurring basis, are summarized in the following table, in thousands:

For the Nine Months Ended For the Year Ended
September 30, 2015
December 31, 2014
Balance at January 1,
Total gains (losses) included in earnings
\$2,496 \$1,809
2,422
Issuances 3,851
2,038
Settlements $\quad(4,915$
) $(3,773$
Balance at period end
\$4,903
\$2,496
Gains included in net gains on sale of loans held for sale attributable to interest rate lock commitments held at September 30, 2015, and December 31, 2014, were $\$ 4.9$ million and $\$ 2.5$ million, respectively.

The tables below summarize the estimated fair value of Heartland's financial instruments as defined by ASC 825 as of September 30, 2015, and December 31, 2014, in thousands. The carrying amounts in the following tables are recorded in the consolidated balance sheets under the indicated captions. In accordance with ASC 825, the assets and liabilities that are not financial instruments are not included in the disclosure, such as the value of the mortgage servicing rights, premises, furniture and equipment, premises, furniture and equipment held for sale, goodwill and other intangibles and other liabilities.

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Heartland does not believe that the estimated information presented herein is representative of the earnings power or value of Heartland. The following analysis, which is inherently limited in depicting fair value, also does not consider any value associated with either existing customer relationships or the ability of Heartland to create value through loan origination, deposit gathering or fee generating activities. Many of the estimates presented herein are based upon the use of highly
subjective information and assumptions and, accordingly, the results may not be precise. Management believes that fair value estimates may not be comparable between financial institutions due to the wide range of permitted valuation techniques and numerous estimates which must be made. Furthermore, because the disclosed fair value amounts were estimated as of the balance sheet date, the amounts actually realized or paid upon maturity or settlement of the various financial instruments could be significantly different.

|  |  | Fair Value September | asurements $2015$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Quoted Pric |  |  |
|  |  | in | Significant | Significant |
| Carrying |  | Active | Other | Unobservable |
| Amount |  | Identical | Inputs | Inputs |
|  |  | Identical Assets | Inputs (Level 2) | (Level 3) |
|  |  | (Level 1) |  |  |

Financial assets:
Cash and cash equivalents
Time deposits in other financial institutions
Securities:

| Cash and cash equivalents | $\$ 91,105$ | $\$ 91,105$ | $\$ 91,105$ | $\$-$ | $\$-$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Time deposits in other financial <br> institutions | 2,355 | 2,355 | 2,355 | - | - |
| Securities: |  |  |  |  |  |
| Available for sale | $1,261,687$ | $1,261,687$ | 529 | $1,254,538$ | 6,620 |
| Held to maturity | 282,200 | 294,622 | - | 294,622 | - |
| Other investments | 19,292 | 19,292 | - | 19,057 | 235 |
| Loans held for sale | 102,569 | 102,569 | - | 102,569 | - |
| Loans, net: | $1,226,694$ | $1,223,493$ | - |  | $1,222,726$ |
| Commercial | $2,043,473$ | $2,058,649$ | - | $2,054,372$ | 467 |
| Commercial real estate | 465,961 | 469,329 | - | 469,329 | - |
| Agricultural and agricultural real estate | - | 481,318 | 2,475 |  |  |
| Residential real estate | 486,782 | 483,793 | - | 373,527 | 1,970 |
| Consumer | 372,508 | 375,497 | - | $4,601,272$ | 9,489 |
| Total Loans, net | $4,595,418$ | $4,610,761$ | - | - | 4,903 |
| Interest rate lock commitments | 4,903 | 4,903 | - | - |  |
| Forward commitments | 833 | 833 | - | 833 | - |

Financial liabilities:
Deposits
Demand deposits
Savings deposits
Time deposits
Short term borrowings
Other borrowings
Derivative financial instruments
Forward commitments

| $1,632,005$ | $1,632,005$ | - | $1,632,005$ | - |
| :--- | :--- | :--- | :--- | :--- |
| $2,936,611$ | $2,936,611$ | - | $2,936,611$ | - |
| 938,621 | 938,621 | - | 938,621 | - |
| 335,845 | 335,845 | - | 335,845 | - |
| 302,086 | 305,361 | - | 305,361 | - |
| 4,982 | 4,982 | - | 4,982 | - |
| 2,841 | 2,841 | - | 2,841 | - |


|  | Carrying Amount | Estimated <br> Fair <br> Value | Fair Value M December 31 Quoted Price in Active Markets for Identical Assets (Level 1) | asurements a <br> 2014 <br> Significant <br> Other <br> Observable <br> Inputs <br> (Level 2) | Significant <br> Unobservable Inputs (Level 3) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Financial assets: |  |  |  |  |  |
| Cash and cash equivalents | \$73,871 | \$73,871 | \$73,871 | \$- | \$- |
| Time deposits in other financial institutions | 2,605 | 2,605 | 2,605 | - | - |
| Securities: |  |  |  |  |  |
| Available for sale | 1,401,868 | 1,401,868 | 2,529 | 1,394,392 | 4,947 |
| Held to maturity | 284,587 | 296,768 | - | 296,768 | - |
| Other investments | 20,498 | 20,498 | - | 20,263 | 235 |
| Loans held for sale | 70,514 | 70,514 | - | 70,514 | - |
| Loans, net: |  |  |  |  |  |
| Commercial | 1,024,065 | 1,009,802 | - | 1,008,769 | 1,033 |
| Commercial real estate | 1,690,899 | 1,699,722 | - | 1,687,138 | 12,584 |
| Agricultural and agricultural real estate | 420,623 | 423,968 | - | 423,416 | 552 |
| Residential real estate | 377,094 | 370,178 | - | 367,005 | 3,173 |
| Consumer | 323,873 | 330,211 | - | 328,208 | 2,003 |
| Total Loans, net | 3,836,554 | 3,833,881 | - | 3,814,536 | 19,345 |
| Interest rate lock commitments | 2,496 | 2,496 | - | - | 2,496 |
| Forward commitments | 275 | 275 | - | 275 | - |
| Financial liabilities: |  |  |  |  |  |
| Deposits |  |  |  |  |  |
| Demand deposits | 1,295,193 | 1,295,193 | - | 1,295,193 | - |
| Savings deposits | 2,687,493 | 2,687,493 | - | 2,687,493 | - |
| Time deposits | 785,336 | 785,336 | - | 785,336 | - |
| Short term borrowings | 330,264 | 330,264 | - | 330,264 | - |
| Other borrowings | 396,255 | 401,978 | - | 401,978 | - |
| Derivative financial instruments | 3,646 | 3,646 | - | 3,646 | - |
| Forward commitments | 1,619 | 1,619 | - | 1,619 | - |

Cash and Cash Equivalents - The carrying amount is a reasonable estimate of fair value due to the short-term nature of these instruments.

Time Deposits in Other Financial Institutions - The carrying amount is a reasonable estimate of fair value due to the short-term nature of these instruments.

Securities - For securities either held to maturity, available for sale or trading, fair value equals quoted market price if available. If a quoted market price is not available, fair value is estimated using quoted market prices for similar securities. For Level 3 securities, Heartland utilizes independent pricing provided by third party vendors or brokers.

Other Investments - Fair value measurement of other investments, which consists primarily of FHLB stock, are based on their redeemable value, which is at cost due to the restrictions placed on their transferability. The market for these
securities is restricted to the issuer of the stock and subject to impairment evaluation.
Loans and Leases - The fair value of loans is estimated using an entrance price concept by discounting the future cash flows using the current rates at which similar loans would be made to borrowers with similar credit ratings and for the same
remaining maturities. The fair value of impaired loans is measured using the present value of expected future cash flows discounted at the loan's effective interest rate or the fair value of the underlying collateral. The fair value of loans held for sale is estimated using quoted market prices.

Interest Rate Lock Commitments - The fair value of interest rate lock commitments is estimated using an internal valuation model, which includes grouping the interest rate lock commitments by interest rate and terms, applying an estimated closing ratio based on historical experience, and then multiplying by quoted investor prices determined to be reasonably applicable to the loan commitment groups based on interest rate, terms, and rate lock expiration dates of the loan commitment group.

Forward Commitments - The fair value of these instruments is estimated using an internal valuation model, which includes current trade pricing for similar financial instruments.

Derivative Financial Instruments - The fair value of all derivatives is estimated based on the amount that Heartland would pay or would be paid to terminate the contract or agreement, using current rates and, when appropriate, the current creditworthiness of the counter-party.

Deposits - The fair value of demand deposits, savings accounts and certain money market deposits is the amount payable on demand at the reporting date. The fair value of fixed maturity certificates of deposit is estimated using the rates currently offered for deposits of similar remaining maturities. If the fair value of the fixed maturity certificates of deposit is calculated at less than the carrying amount, the carrying value of these deposits is reported as the fair value.

Short-term and Other Borrowings - Rates currently available to Heartland for debt with similar terms and remaining maturities are used to estimate fair value of existing debt.

Commitments to Extend Credit, Unused Lines of Credit and Standby Letters of Credit - Based upon management's analysis of the off balance sheet financial instruments, there are no significant unrealized gains or losses associated with these financial instruments based upon review of the fees currently charged to enter into similar agreements, taking into account the remaining terms of the agreements and the present creditworthiness of the counterparties.

## NOTE 9: SEGMENT REPORTING

Heartland has identified two operating segments for purposes of financial reporting: community and other banking, and retail mortgage banking. These segments were determined based on the products and services provided or the type of customers served and are consistent with the information used by Heartland's key decision makers to make operating decisions and to assess Heartland's performance. The following tables present financial information from Heartland's operating segments for the three and nine months ended September 30, 2015, and September 30, 2014, in thousands.

|  | Three Month September 30 2015 | Ended |  |  | 2014 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Community | Retail |  | Total | Community | Retail |  |  |
|  | Banking | Banking |  | Total | and Other | Banking |  | Total |
| Net interest income | \$58,123 | \$1,601 |  | \$59,724 | \$50,790 | \$701 |  | \$51,491 |
| Provision for loan losse | 3,181 | - |  | 3,181 | 2,553 | - |  | 2,553 |
| Total noninterest incom | 16,015 | 8,965 |  | 24,980 | 11,568 | 9,038 |  | 20,606 |
| Total noninterest expense | 49,168 | 12,828 |  | 61,996 | 43,228 | 11,427 |  | 54,655 |
| Income (loss) before taxes | \$21,789 | \$(2,262 | ) | \$19,527 | \$16,577 | \$ 1,688 | ) | \$ 14,889 |
| Average Loans, for the period | \$4,563,221 | \$90,958 |  | \$4,654,179 | \$3,736,917 | \$75,301 |  | \$3,812,218 |
| Segment Assets, at period end | \$6,676,526 | \$ 129,358 |  | \$6,805,884 | \$5,817,427 | \$117,382 |  | \$5,934,809 |



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

## SAFE HARBOR STATEMENT

This document (including information incorporated by reference) contains, and future oral and written statements of Heartland and its management may contain, forward-looking statements within the meaning of such term in the Private Securities Litigation Reform Act of 1995 with respect to the financial condition, results of operations, plans, objectives, future performance and business of Heartland. Forward-looking statements, which may be based upon beliefs, expectations and assumptions of Heartland's management and on information currently available to management, are generally identifiable by the use of words such as "believe," "expect," "anticipate," "plan," "intend," "estimate," "may," "will," "would," "could," "should" or other similar expressions. Although Heartland has made these statements based on management's experience and best estimate of future events, there may be events or factors that management has not anticipated, and the accuracy and achievement of such forward-looking statements and estimates are subject to a number of risks, including those identified in our Annual Report on Form 10-K for the year ended December 31, 2014. Additionally, all statements in this document, including forward-looking statements, speak only as of the date they are made, and Heartland undertakes no obligation to update any statement in light of new information or future events.

## CRITICAL ACCOUNTING POLICIES

The preparation of financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, income and expenses. These estimates are based upon historical experience and on various other assumptions that management believes are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. The estimates and judgments that management believes have the most effect on Heartland's reported financial position and results of operations are described as critical accounting policies in Heartland's Annual Report on Form 10-K for the year ended December 31, 2014. There have been no significant changes in the critical accounting policies or the assumptions and judgments utilized in applying these policies since the year ended December 31, 2014.

## OVERVIEW

Heartland's results of operations depend primarily on net interest income, which is the difference between interest income from interest earning assets and interest expense on interest bearing liabilities. Noninterest income, which includes service charges and fees, loan servicing income, trust income, brokerage and insurance commissions, securities gains and net gains on sale of loans held for sale, also affects Heartland's results of operations. Heartland's principal operating expenses, aside from interest expense, consist of the provision for loan and lease losses, salaries and employee benefits, occupancy and equipment costs, professional fees, FDIC insurance premiums, advertising and other real estate and loan collection expenses.

Net income available to common stockholders for the quarter ended September 30, 2015, was $\$ 14.4$ million, or $\$ 0.69$ per diluted common share, compared to $\$ 11.8$ million, or $\$ 0.63$ per diluted common share, for the quarter ended September 30, 2014. Return on average common equity was $11.40 \%$ and return on average assets was $0.85 \%$ for the third quarter of 2015 , compared to $11.86 \%$ and $0.79 \%$, respectively, for the same quarter in 2014.

Net income available to common stockholders for the first nine months of 2015 was $\$ 44.8$ million, or $\$ 2.16$ per diluted common share, compared to $\$ 29.0$ million, or $\$ 1.55$ per diluted common share, recorded during the first nine months of 2014. Return on average common equity was $12.38 \%$ and return on average assets was $0.91 \%$ for the first

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nine months of 2015, compared to $10.21 \%$ and $0.67 \%$, respectively, for the same period in 2014.
On January 16, 2015, Heartland completed the acquisition of Community Banc-Corp of Sheboygan, Inc., parent company of Community Bank \& Trust in Sheboygan, Wisconsin, in an all stock transaction. Simultaneous with the closing, Community Bank \& Trust was merged into Heartland's Wisconsin Bank \& Trust subsidiary. As of the close date, the transaction included, at fair value, total assets of $\$ 525.3$ million, total loans of $\$ 395.0$ million and total deposits of $\$ 434.0$ million. Conversion onto Heartland's core processing systems for this transaction was completed on May 15, 2015.

On August 21, 2015, Heartland completed the acquisition of Community Bancorporation of New Mexico, Inc., parent company of Community Bank in Santa Fe, New Mexico, in an all cash transaction valued at approximately $\$ 11.1$ million. Simultaneous with closing of the transaction, Community Bank merged into Heartland's New Mexico Bank \& Trust subsidiary. As of the

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close date, the transaction included, at fair value, total assets of $\$ 166.5$ million, total loans of $\$ 99.5$ million and total deposits of $\$ 147.4$ million. The systems conversion for this transaction is expected to occur during the fourth quarter of 2015 .

On September 11, 2015, Heartland completed the acquisition of First Scottsdale Bank, N.A. in Scottsdale, Arizona, in an all cash transaction valued at approximately $\$ 17.7$ million. Simultaneous with the close, First Scottsdale Bank was merged into Heartland's Arizona Bank \& Trust subsidiary. As of the close date, the transaction included, at fair value, total assets of $\$ 83.7$ million, total loans of $\$ 54.7$ million and total deposits of $\$ 65.9$ million. The systems conversion for this transaction was completed simultaneous with the closing.

During the second quarter of 2015, Heartland announced it had entered into a merger agreement with Premier Valley Bank, a community bank based in Fresno, California, that had assets of approximately $\$ 683.0$ million at September 30, 2015. Under this agreement, Premier Valley will become a wholly-owned subsidiary of Heartland and operate under its present name and management team as Heartland's tenth state-chartered bank. Subject to adjustment for a minimum tangible equity threshold, Premier Valley shareholders will receive approximately $\$ 95.0$ million or $\$ 7.73$ per share of Premier Valley common stock in the merger, and may elect to receive this payment in shares of Heartland common stock or in cash, subject to proration so that $70 \%$ of the total payment is in Heartland common stock and $30 \%$ in cash. The transaction is expected to close during the fourth quarter of 2015.

Subsequent to the quarter-end, Heartland entered into a merger agreement with CIC Bancshares, Inc., parent company of Centennial Bank, headquartered in Denver, Colorado. Under the agreement, Heartland will acquire CIC Bancshares, Inc. in a transaction valued at approximately $\$ 83.5$ million, of which approximately 20 percent would be payable in cash and approximately 80 percent would be payable by issuance of Heartland common stock.
Simultaneous with closing of the transaction, Centennial Bank will be merged into Heartland's Summit Bank \& Trust subsidiary, with the resulting institution operating under the Centennial Bank name. Centennial Bank had total assets of approximately $\$ 730.0$ million as of September 30, 2015. The transaction is subject to approvals by shareholders of CIC Bancshares, Inc. and bank regulatory authorities, and is expected to close during the first quarter of 2016.

Total assets were $\$ 6.81$ billion at September 30, 2015, an increase of $\$ 754.1$ million or $12 \%$ since year-end 2014. Total assets of the entities acquired during 2015 were $\$ 775.5$ million at acquisition date. Securities represented $23 \%$ of total assets at September 30, 2015, compared to $28 \%$ at year-end 2014, as a portion of the proceeds from maturities, paydowns and sales were used to fund loan growth.

Total loans and leases held to maturity were $\$ 4.64$ billion at September 30, 2015, compared to $\$ 3.88$ billion at year-end 2014, an increase of $\$ 765.8$ million or $20 \%$, which includes $\$ 549.2$ million acquired during 2015 in acquisitions. Exclusive of these acquisitions, total loans and leases held to maturity increased $\$ 216.5$ million or $7 \%$ annualized since year-end 2014.

Total deposits were $\$ 5.51$ billion as of September 30, 2015, compared to $\$ 4.77$ billion at year-end 2014, an increase of $\$ 739.2$ million or $16 \%$, with $\$ 647.2$ million attributable to the acquisitions completed during 2015. Exclusive of these acquisitions, total deposits increased $\$ 91.9$ million or $3 \%$ annualized since year-end 2014. Included in the deposit growth during the first nine months of 2015 was an $\$ 88.1$ million increase in brokered time deposits, the majority of which were issued to replace higher cost long-term FHLB advances and wholesale repurchase agreements that matured during the first six months of 2015.

Common stockholders' equity was $\$ 509.3$ million at September 30, 2015, compared to $\$ 414.6$ million at year-end 2014. Book value per common share was $\$ 24.68$ at September 30, 2015, compared to $\$ 22.40$ at year-end 2014. Heartland's unrealized gains on securities available for sale, net of applicable taxes, were $\$ 4.6$ million at September 30, 2015, compared to $\$ 3.6$ million at December 31, 2014.

## RESULTS OF OPERATIONS

Net Interest Income
Net interest margin, expressed as a percentage of average earning assets, was $4.01 \%$ during the third quarter of 2015 compared to $3.97 \%$ during the second quarter of 2015 and $3.96 \%$ during the third quarter of 2014 . For the first nine months of 2015, net interest margin was $3.96 \%$ compared to $3.97 \%$ for the first nine months of 2014. Heartland's success in maintaining net interest margin near the $4.00 \%$ level is the result of continuous price discipline on both sides of the balance sheet and management's ability to shift dollars from the securities portfolio into the loan portfolio.

Interest income increased $\$ 7.2$ million or $12 \%$ to $\$ 67.3$ million in the third quarter of 2015 from the $\$ 60.1$ million recorded in the third quarter of 2014. After an adjustment to add $\$ 2.6$ million for both the third quarter of 2015 and the third quarter of

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2014 for income taxes saved on the interest earned on nontaxable securities and loans, on a tax-equivalent basis, interest income in the third quarter of 2015 was $\$ 69.9$ million compared to $\$ 62.7$ million in the third quarter of 2014. For the first nine months of 2015 , interest income increased $\$ 19.2$ million or $11 \%$ to $\$ 195.8$ million from $\$ 176.6$ million for the first nine months of 2014. After an adjustment to add $\$ 7.4$ million for the first nine months of 2015 and $\$ 7.8$ million for the first nine months of 2014 for income taxes saved on the interest earned on nontaxable securities and loans, on a tax-equivalent basis, interest income in the first nine months of 2015 was $\$ 203.2$ million compared to $\$ 184.4$ million in the first nine months of 2014. These increases were primarily due to growth in average earning assets, which increased $\$ 735.2$ million or $14 \%$ during the third quarter of 2015 compared to the third quarter of 2014 and $\$ 688.1$ million or $13 \%$ during the first nine months of 2015 compared to the first nine months of 2014. The acquisitions completed during 2015 accounted for approximately $\$ 527.4$ million of the growth in average earning assets for the quarterly comparative period and approximately $\$ 451.4$ million for the nine month comparative period. The remainder of the growth in average earning assets in both periods was primarily attributable to loan growth experienced during the last half of 2014 and first half of 2015. Also contributing to the increases in interest income during both comparative periods was a change in the composition of average earning assets from lower-yielding investments to higher-yielding loans. The percentage of average net loans and leases to total earning assets was $75 \%$ during the third quarter of 2015 compared to $69 \%$ during the third quarter of 2014 and $73 \%$ during the first nine months of 2015 compared to $68 \%$ during the first nine months of 2014.

Interest expense for the third quarter of 2015 was $\$ 7.5$ million, a decrease of $\$ 1.1$ million or $13 \%$ from $\$ 8.6$ million in the third quarter of 2014. Interest expense for the first nine months of 2015 was $\$ 24.5$ million compared to $\$ 25.7$ million for the first nine months of 2014, a decrease of $\$ 1.2$ million or $5 \%$. Average interest bearing liabilities increased $\$ 391.6$ million or $10 \%$ for the quarter ended September 30, 2015, as compared to the same quarter in 2014, while the average interest rate paid on Heartland's interest bearing deposits and borrowings declined 16 basis points from $0.83 \%$ in the third quarter of 2014 to $0.67 \%$ in the third quarter of 2015. Average interest bearing liabilities increased $\$ 353.6$ million or $9 \%$ for the first nine months of 2015 as compared to the first nine months in 2014, while the average interest rate paid on Heartland's interest bearing deposits and borrowings declined 10 basis points from $0.84 \%$ in the first nine months of 2014 to $0.74 \%$ in the first nine months of 2015. The average interest rate paid on savings deposits was $0.22 \%$ during the third quarter of 2015 compared to $0.31 \%$ during the third quarter of 2014 and the average interest rate paid on time deposits was $0.91 \%$ during the third quarter of 2015 compared to $1.22 \%$ during the third quarter of 2014. For the first nine months of 2015, the average interest rate paid on savings deposits was $0.23 \%$ compared to $0.32 \%$ during the first nine months of 2014 and the average interest rate paid on time deposits was $0.99 \%$ during the first nine months of 2015 compared to $1.19 \%$ during the first nine months of 2014. The rates currently paid on Heartland's non-maturity deposits are effectively approaching a floor and management believes there is limited flexibility to pay lower rates on these deposits in the future.

Net interest income increased $\$ 8.2$ million or $16 \%$ to $\$ 59.7$ million in the third quarter of 2015 from the $\$ 51.5$ million recorded in the third quarter of 2014. Net interest income on a tax-equivalent basis totaled $\$ 62.3$ million during the third quarter of 2015 , an increase of $\$ 8.2$ million or $15 \%$ from the $\$ 54.1$ million recorded during the third quarter of 2014. For the first nine months of 2015 , net interest income increased $\$ 20.4$ million or $14 \%$ to $\$ 171.3$ million from the $\$ 150.9$ million recorded in the first nine months of 2014. Net interest income on a tax-equivalent basis totaled $\$ 178.7$ million during the first nine months of 2015, an increase of $\$ 20.0$ million or $13 \%$ from the $\$ 158.6$ million recorded during the nine months of 2014. Net interest income in dollars has increased steadily for each of the last eight quarters.

Heartland attempts to manage its balance sheet to minimize the effect that a change in interest rates has on its net interest margin. Heartland plans to continue to work toward improving both its earning assets and funding mix through targeted organic growth strategies, which management believes will result in additional net interest income. Heartland believes its net interest income simulations reflect a well-balanced and manageable interest rate posture. Approximately $37 \%$ of Heartland's commercial and agricultural loan portfolios consist of floating rate loans that

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reprice based upon changes in the national prime or LIBOR interest rate. Since nearly $57 \%$ of these floating rate loans have interest rate floors that are currently in effect, an upward movement in the national prime interest rate or LIBOR would not have an immediate positive effect on Heartland's interest income. Item 3 of this Form 10-Q contains additional information about the results of Heartland's most recent net interest income simulations. Note 7 to the quarterly consolidated financial statements contains a detailed discussion of the derivative instruments Heartland has utilized to manage its interest rate risk.

The following table sets forth certain information relating to Heartland's average consolidated balance sheets and reflects the yield on average earning assets and the cost of average interest bearing liabilities for the periods indicated, in thousands. Dividing income or expense by the average balance of assets or liabilities derives such yields and costs. Average balances are derived from daily balances, and nonaccrual loans and loans held for sale are included in each respective loan category. Assets with tax favorable treatment are evaluated on a tax-equivalent basis assuming a federal income tax rate of $35 \%$. Tax favorable assets generally have lower contractual pre-tax yields than fully taxable assets. A tax-equivalent yield is calculated by adding the tax savings to the interest earned on tax favorable assets and dividing by the average balance of the tax favorable assets.

ANALYSIS OF AVERAGE BALANCES, TAX-EQUIVALENT YIELDS AND RATES ${ }^{(1)}$
For the Quarters Ended September 30, 2015 and 2014

| 2015 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Average |  |  |  |  |  |
| Balance | Interest | Rate | Average <br> Balance | Interest | Rate |

Earning Assets
Securities:
Taxable
Nontaxable(1)
Total securities
Interest bearing deposits
Federal funds sold
Loans and leases: ${ }^{(2)}$
Commercial and commercial real
estate ${ }^{(1)}$

Residential mortgage
Agricultural and agricultural real estate ${ }^{(1)}$
Consumer
Fees on loans

| $\$ 1,192,259$ | $\$ 5,858$ | 1.95 |
| :--- | :--- | :--- |
| 348,760 | 4,733 | 5.38 |
| $1,541,019$ | 10,591 | 2.73 |
| 11,567 | 4 | 0.14 |
| 1,032 | 1 | 0.38 |

\% \$ 1,279,612
\$7,547 $2.34 \quad \%$
367,791 $4,997 \quad 5.39$
$1,647,403 \quad 12,544 \quad 3.02$
$\begin{array}{lll}1,032 & 1 & 0.38\end{array}$
8,098
6
0.29

344

| $3,252,610$ | 38,802 | 4.73 | $2,656,438$ | 32,249 | 4.82 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 570,117 | 5,848 | 4.07 | 435,965 | 4,589 | 4.18 |
| 461,144 | 5,525 | 4.75 | 398,571 | 5,030 | 5.01 |
| 370,308 | 7,384 | 7.91 | 321,244 | 6,704 | 8.28 |
| - | 1,701 | - | - | 1,603 | - |

Less: allowance for loan and lease losses
Net loans and leases
Total earning assets
Nonearning assets

| - | 1,701 | - |
| :--- | :--- | :--- |
| $(46,302$ | - | - |

4,607,877 59,260 5.10
$6,161,495 \quad 69,856 \quad 4.50$

(41,727
$\begin{array}{lll}3,770,491 & 50,175 & 5.28\end{array}$

564,701
Total assets
\$6,726,196
456,456

Interest Bearing Liabilities
Savings
Time, \$100,000 and over
Other time deposits
Short-term borrowings
Other borrowings
Total interest bearing liabilities
Noninterest bearing liabilities
Noninterest bearing deposits
Accrued interest and other liabilities
Total noninterest bearing liabilities
Stockholders' Equity
Total Liabilities and Stockholders'
Equity
Net interest income ${ }^{(1)}$

| $\$ 2,870,847$ | $\$ 1,565$ | 0.22 | $\%$ | $\$ 2,592,630$ | $\$ 2,032$ | 0.31 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 337,163 | 741 | 0.87 | 320,849 | 924 | 1.14 |  |  |
| 622,110 | 1,461 | 0.93 | 534,544 | 1,699 | 1.26 |  |  |
| 362,094 | 228 | 0.25 | 316,874 | 227 | 0.28 |  |  |
| 298,875 | 3,549 | 4.71 | 334,629 | 3,741 | 4.44 |  |  |
| $4,491,089$ | 7,544 | 0.67 | $\%$ | $4,099,526$ | 8,623 | 0.83 | $\%$ |

Net interest spread ${ }^{(1)}$
Net interest income to total earning assets ${ }^{(1)}$
Interest bearing liabilities to earning assets
(1) Tax-equivalent basis is calculated using an effective tax rate of $35 \%$.
(2) Nonaccrual loans are included in average loans outstanding.

ANALYSIS OF AVERAGE BALANCES, TAX-EQUIVALENT YIELDS AND RATES ${ }^{(1)}$
For the Nine Months Ended September 30, 2015 and 2014

|  | 2015 <br> Average <br> Balance | Interest | Rate |  | 2014 <br> Average <br> Balance | Interest | Rate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Assets |  |  |  |  |  |  |  |  |
| Securities: |  |  |  |  |  |  |  |  |
| Taxable | \$ 1,266,546 | \$ 19,729 | 2.08 | \% | \$ 1,303,152 | \$22,755 | 2.33 | \% |
| Nontaxable ${ }^{(1)}$ | 335,104 | 13,641 | 5.44 |  | 380,154 | 15,506 | 5.45 |  |
| Total securities | 1,601,650 | 33,370 | 2.79 |  | 1,683,306 | 38,261 | 3.04 |  |
| Interest bearing deposits | 10,541 | 11 | 0.14 |  | 7,256 | 20 | 0.37 |  |
| Federal funds sold | 4,562 | 3 | 0.09 |  | 450 | 1 | 0.30 |  |
| Loans and leases: ${ }^{(2)}$ |  |  |  |  |  |  |  |  |
| Commercial and commercial real estate ${ }^{(1)}$ | 3,133,525 | 112,343 | 4.79 |  | 2,580,868 | 93,978 | 4.87 |  |
| Residential mortgage | 529,412 | 16,146 | 4.08 |  | 421,571 | 13,554 | 4.30 |  |
| Agricultural and agricultural real estate ${ }^{(1)}$ | 436,050 | 15,835 | 4.86 |  | 381,406 | 14,508 | 5.09 |  |
| Consumer | 358,728 | 21,476 | 8.00 |  | 308,873 | 19,372 | 8.39 |  |
| Fees on loans | - | 4,016 | - |  | - | 4,704 | - |  |
| Less: allowance for loan and lease losses | (43,856 ) | - | - |  | (41,249 ) | - | - |  |
| Net loans and leases | 4,413,859 | 169,816 | 5.14 |  | 3,651,469 | 146,116 | 5.35 |  |
| Total earning assets | 6,030,612 | 203,200 | 4.50 | \% | 5,342,481 | 184,398 | 4.61 | \% |
| Nonearning assets | 572,473 |  |  |  | 475,679 |  |  |  |
| Total assets | \$6,603,085 |  |  |  | \$5,818,160 |  |  |  |
| Interest Bearing Liabilities |  |  |  |  |  |  |  |  |
| Savings | \$2,851,506 | \$5,002 | 0.23 | \% | \$2,572,492 | \$6,184 | 0.32 | \% |
| Time, \$100,000 and over | 343,369 | 2,373 | 0.92 |  | 329,976 | 2,641 | 1.07 |  |
| Other time deposits | 570,446 | 4,383 | 1.03 |  | 548,171 | 5,185 | 1.26 |  |
| Short-term borrowings | 343,537 | 638 | 0.25 |  | 308,000 | 655 | 0.28 |  |
| Other borrowings | 338,307 | 12,117 | 4.79 |  | 334,881 | 11,084 | 4.43 |  |
| Total interest bearing liabilities | 4,447,165 | 24,513 | 0.74 | \% | 4,093,520 | 25,749 | 0.84 | \% |
| Noninterest bearing liabilities |  |  |  |  |  |  |  |  |
| Noninterest bearing deposits | 1,531,450 |  |  |  | 1,219,431 |  |  |  |
| Accrued interest and other liabilities | 58,354 |  |  |  | 43,346 |  |  |  |
| Total noninterest bearing liabilities | 1,589,804 |  |  |  | 1,262,777 |  |  |  |
| Stockholders' Equity | 566,116 |  |  |  | 461,863 |  |  |  |
| Total Liabilities and Stockholders' Equity | \$6,603,085 |  |  |  | \$5,818,160 |  |  |  |
| Net interest income ${ }^{(1)}$ |  | \$ 178,687 |  |  |  | \$ 158,649 |  |  |
| Net interest spread ${ }^{(1)}$ |  |  | 3.76 | \% |  |  | 3.77 | \% |
| Net interest income to total earning assets ${ }^{(1)}$ |  |  | 3.96 | \% |  |  | 3.97 | \% |
| Interest bearing liabilities to earning assets | 73.74 \% |  |  |  | 76.62 \% |  |  |  |

(1) Tax-equivalent basis is calculated using an effective tax rate of $35 \%$.
(2) Nonaccrual loans are included in average loans outstanding.

## Provision For Loan And Lease Losses

The allowance for loan and lease losses is established through a provision charged to expense to provide, in Heartland management's opinion, an appropriate allowance for loan and lease losses. The provision for loan losses was $\$ 3.2$ million for the third quarter of 2015 compared to $\$ 2.6$ million for the third quarter of 2014. For the first nine months of 2015 , the provision for loan losses was $\$ 10.5$ million compared to $\$ 11.6$ million for the first nine months of 2014. The first quarter 2014 provision included approximately $\$ 4.5$ million to compensate for a charge off on a single large credit and without this compensating provision, the increase in provision for loan losses for the first nine months of 2015 in comparison with the first nine months of

2014 was $\$ 3.4$ million. The increases in provision for loan and lease losses during both the quarterly and nine-month comparative periods were partially attributable to provision necessary to establish an allowance for loans acquired in prior acquisitions for which purchase accounting valuation reserves were depleted. Additionally, the second quarter of 2015 provision was affected by valuation changes on purchased impaired loans.

In determining that the allowance for loan and lease losses is appropriate, management uses factors that include the overall composition of the loan portfolio, general economic conditions, types of loans, loan collateral values, past loss experience, loan delinquencies, substandard credits, and doubtful credits. For additional details on the specific factors considered, refer to the discussion of critical accounting policies set forth in Management's Discussion and Analysis of Financial Condition and Results of Operations contained in Heartland's Annual Report on Form 10-K for the year ended December 31, 2014, and under the caption "Allowance For Loan and Lease Losses" in this report. Heartland believes the allowance for loan and lease losses as of September 30, 2015, was at a level commensurate with the overall risk exposure of the loan portfolio. However, if economic conditions should become more unfavorable, certain borrowers may experience difficulty and the level of nonperforming loans, charge-offs and delinquencies could rise and require further increases in the provision for loan and lease losses.

Noninterest Income
The tables below show Heartland's noninterest income for the three and nine months ended September 30, 2015 and 2014, in thousands:

|  | Three Months Ended September 30, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2014 | Change |  | \% Change |
| Service charges and fees | \$6,350 | \$4,857 | \$ 1,493 |  | 31 \% |
| Loan servicing income | 1,368 | 1,319 | 49 |  | 4 |
| Trust fees | 3,507 | 3,194 | 313 |  | 10 |
| Brokerage and insurance commissions | 869 | 1,044 | (175 | ) | (17 |
| Securities gains, net | 1,767 | 825 | 942 |  | 114 |
| Gain (loss) on trading account securities, net | - | - | - |  | - |
| Net gains on sale of loans held for sale | 9,823 | 8,384 | 1,439 |  | 17 |
| Income on bank owned life insurance | 372 | 371 | 1 |  | - |
| Other noninterest income | 924 | 612 | 312 |  | 51 |
| Total noninterest income | \$24,980 | \$20,606 | \$4,374 |  | 21 \% |
|  | Nine Months Ended September 30, |  |  |  |  |
|  | 2015 | 2014 | Change |  | \% Change |
| Service charges and fees | \$ 17,654 | \$15,007 | \$2,647 |  | 18 \% |
| Loan servicing income | 3,572 | 4,223 | (651 | ) | (15 |
| Trust fees | 11,051 | 9,747 | 1,304 |  | 13 |
| Brokerage and insurance commissions | 2,872 | 3,325 | (453 | ) | (14 |
| Securities gains, net | 9,230 | 2,460 | 6,770 |  | 275 |
| Gain (loss) on trading account securities, net | - | (38 | ) 38 |  | 100 |
| Net gains on sale of loans held for sale | 38,164 | 23,559 | 14,605 |  | 62 |
| Income on bank owned life insurance | 1,355 | 1,073 | 282 |  | 26 |
| Other noninterest income | 2,406 | 1,635 | 771 |  | 47 |
| Total noninterest income | \$86,304 | \$60,991 | \$25,313 |  | 42 \% |

Noninterest income totaled $\$ 25.0$ million during the third quarter of 2015 compared to $\$ 20.6$ million during the third quarter of 2014 , an increase of $\$ 4.4$ million or $21 \%$. For the nine-month period ended on September 30, noninterest

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income totaled $\$ 86.3$ million during 2015 compared to $\$ 61.0$ million during 2014, an increase of $\$ 25.3$ million or $42 \%$. These increases were primarily due to increased service charges and fees, securities gains and net gains on sale of loans held for sale.

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Service charges and fees increased $\$ 1.5$ million or $31 \%$ during the quarters under comparison and $\$ 2.6$ million or $18 \%$ during the nine-month periods under comparison, with a majority of this growth attributable to the service charges and fees collected by Wisconsin Bank \& Trust at locations acquired through the Community Banc-Corp of Sheboygan, Inc. acquisition. Service charges on checking and savings accounts recorded during the third quarter of 2015 were $\$ 1.5$ million compared to $\$ 1.3$ million during the third quarter of 2014 , an increase of $\$ 239,000$ or $19 \%$. For the nine months ended September 30, service charges on checking and savings accounts totaled $\$ 4.4$ million during 2015 compared to $\$ 3.8$ million during 2014, an increase of $\$ 583,000$ or $15 \%$. Overdraft fees were $\$ 1.9$ million during the third quarter of 2015 compared to $\$ 1.7$ million during the third quarter of 2014, an increase of $\$ 247,000$ or $15 \%$. For the nine months ended September 30, overdraft fees totaled $\$ 5.3$ million during 2015 compared to $\$ 4.6$ million during 2014 , an increase of $\$ 652,000$ or $14 \%$. Interchange revenue from activity on bank debit cards, along with surcharges on ATM activity, resulted in service charges and fees of $\$ 2.2$ million during the third quarter of 2015 compared to $\$ 1.9$ million during the third quarter of 2014 , an increase of $\$ 304,000$ or $16 \%$. These same fees were $\$ 6.1$ million during the first nine months of 2015 compared to $\$ 5.4$ million during the first nine months of 2014, an increase of $\$ 730,000$ or $14 \%$. These increases are primarily attributable to a larger demand deposit customer base in 2015, a portion of which is due to the Community Banc-Corp of Sheboygan, Inc. acquisition completed during the first quarter of 2015. An area of emphasis during 2015 has been the ramping up of credit card services at all the bank subsidiaries. These fees comprised $\$ 661,000$ or $44 \%$ of the $\$ 1.5$ million increase in service charges and fees for the third quarter of 2015 in comparison with the third quarter of 2014. For the first nine months of 2015 in comparison with the first nine months of 2014 , these fees comprised $\$ 507,000$ or $19 \%$ of the $\$ 2.6$ million increase in service charges and fees.

Loan servicing income includes the fees collected for the servicing of commercial, agricultural, and mortgage loans, which are dependent upon the aggregate outstanding balance of these loans. Loan servicing income totaled $\$ 1.4$ million during the third quarter of 2015 compared to $\$ 1.3$ million during the third quarter of 2014. On a nine-month comparative basis, loan servicing income totaled $\$ 3.6$ million during the first nine months of 2015 compared to $\$ 4.2$ million during the same period in 2014. Loan servicing income related to the servicing of commercial and agricultural loans totaled $\$ 718,000$ for the third quarter of 2015 compared to $\$ 518,000$ for the third quarter of 2014 , an increase of $\$ 200,000$ or $39 \%$. For the first nine months of the year, fees collected for commercial and agricultural loan servicing totaled $\$ 2.2$ million during 2015 compared to $\$ 1.6$ million during 2014 , an increase of $\$ 641,000$ or $40 \%$. These increases resulted primarily from the additional commercial and agricultural loans acquired in the Community Banc-Corp of Sheboygan, Inc. acquisition. Fees collected for the servicing of mortgage loans, primarily for government sponsored entities, were $\$ 2.7$ million during the third quarter of 2015 compared to $\$ 2.2$ million during the third quarter of 2014 , an increase of $\$ 513,000$ or $23 \%$. For the first nine months of the year, the fees collected for the servicing of mortgage loans for others were $\$ 7.8$ million during 2015 compared to $\$ 6.4$ million during 2014, an increase of $\$ 1.4$ million or $21 \%$. Included in and offsetting loan servicing income is amortization of capitalized mortgage servicing rights, which totaled $\$ 2.1$ million during the third quarter of 2015 compared to $\$ 1.4$ million during the third quarter of 2014, an increase of $\$ 664,000$ or $47 \%$. For the first nine months of the year, amortization of mortgage servicing rights totaled $\$ 6.4$ million during 2015 compared to $\$ 3.8$ million during 2014 , an increase of $\$ 2.6$ million or $71 \%$. These increases are reflective of higher prepayments in the serviced mortgage loans portfolio during the first nine months of 2015 , causing a decrease in total residential mortgage loan servicing income.

The following table summarizes Heartland's residential mortgage loan activity during the most recent five quarters, in thousands:

| As Of and For the Quarter Ended |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $9 / 30 / 2015$ | $6 / 30 / 2015$ | $3 / 31 / 2015$ | $12 / 31 / 2014$ | $9 / 30 / 2014$ |  |
| Mortgage Servicing Fees | $\$ 2,738$ | $\$ 2,553$ | $\$ 2,495$ | $\$ 2,396$ | $\$ 2,225$ |  |
| Mortgage Servicing Rights Amortization | $(2,088$ | $)$ | $(2,184$ | $)$ | $(2,175$ | $)$ |
| Total Residential Mortgage Loan Servicing | $\$ 650$ | $\$ 369$ | $\$ 320$ | $\$ 753$ | $\$(1,424$ |  |$)$


| Net Gains On Sale of Residential Mortgage | $\$ 8,489$ | $\$ 14,121$ | $\$ 13,602$ | $\$ 7,384$ | $\$ 8,260$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Loans |  |  |  |  |  |
| Total Residential Mortgage Loan Applications | $\$ 443,294$ | $\$ 615,463$ | $\$ 647,487$ | $\$ 383,845$ | $\$ 445,039$ |
| Residential Mortgage Loans Originated | $\$ 370,956$ | $\$ 421,798$ | $\$ 319,581$ | $\$ 293,268$ | $\$ 312,428$ |
| Residential Mortgage Loans Sold | $\$ 360,172$ | $\$ 402,151$ | $\$ 268,786$ | $\$ 281,250$ | $\$ 283,677$ |
| Residential Mortgage Loan Servicing Portfolio | $\$ 3,963,677$ | $\$ 3,785,794$ | $\$ 3,578,409$ | $\$ 3,498,724$ | $\$ 3,362,717$ |

Net gains on sale of loans held for sale totaled $\$ 9.8$ million during the third quarter of 2015 compared to $\$ 8.4$ million during the third quarter of 2014 , an increase of $\$ 1.4$ million or $17 \%$. During the first nine months of 2015, net gains on sale of loans held for sale totaled $\$ 38.2$ million compared to $\$ 23.6$ million during the same period in 2014, an increase of $\$ 14.6$ million or $62 \%$. These gains result primarily from the gain or loss on sales of mortgage loans into the secondary market, related fees and fair
value marks on the associated derivatives. During the third quarter of 2015, mortgage loan application activity returned to more normal seasonal levels after higher refinance activity during the first two quarters of 2015. The lower interest rate environment during the first half of 2015 encouraged mortgage loan refinancing, as opposed to a relatively higher interest rate environment in the first half of 2014. As a result, mortgage loan applications were $\$ 1.71$ billion in the first nine months of 2015 compared to $\$ 1.22$ billion in the first nine months of 2014 , an increase of $\$ 483.8$ million or $40 \%$. The volume of mortgage loans sold totaled $\$ 1.03$ billion during the first nine months of 2015, a $\$ 389.0$ million or $61 \%$ increase from the $\$ 642.1$ million sold during the first nine months of 2014 . Net gains on sale of loans held for sale also includes gains on the sale of commercial and agricultural loans, which totaled $\$ 1.0$ million during the third quarter of 2015 compared to $\$ 54,000$ during the third quarter of 2014 and $\$ 2.0$ million during the first nine months of 2015 compared to $\$ 187,000$ during the first nine months of 2014 . An area of emphasis for the Community Banc-Corp of Sheboygan, Inc. locations was the origination for sale of small business loans written under the U.S. Small Business Administration (SBA) programs.

Trust fees increased $\$ 313,000$ or $10 \%$ during the third quarter of 2015 compared to the same quarter in 2014 . For the nine-month period ended September 30, 2015, trust fees increased $\$ 1.3$ million or $13 \%$ compared to the same nine-month period in 2014. A large portion of trust fees is based upon the market value of the trust assets under management, which was $\$ 1.86$ billion at September 30, 2015, and compared to $\$ 1.82$ billion at September 30, 2014. Those values fluctuate throughout the year as market conditions improve or decline.

Net securities gains totaled $\$ 1.8$ million during the third quarter of 2015 compared to $\$ 825,000$ during the third quarter of 2014 , an increase of $\$ 942,000$ or $114 \%$. For the first nine months of 2015 , net securities gains totaled $\$ 9.2$ million during 2015 compared to $\$ 2.5$ million during the first nine months of 2014 , an increase of $\$ 6.8$ million or $275 \%$. These increases were related to the low interest rate environment during the first half of 2015 that encouraged rebalancing of the securities portfolio, as opposed to the flat or moderately increasing interest rate environment that existed during the first half of 2014.

## Noninterest Expenses

The tables below show Heartland's noninterest expenses for the three- and nine-month periods ended September 30, 2015 and 2014, in thousands:

(1) See the reconciliation of Non-GAAP measure below.

(1) See the reconciliation of Non-GAAP measure below.

Reconciliation of Non-GAAP Measure-Efficiency Ratio

|  | For the Three Months Ended September 30, |  |  |  | For the Nine Months Ended September 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2015 |  | 2014 |  |
| Net interest income | \$59,724 |  | \$51,491 |  | \$171,298 |  | \$150,902 |  |
| Taxable equivalent adjustment ${ }^{(1)}$ | 2,588 |  | 2,613 |  | 7,389 |  | 7,747 |  |
| Fully taxable equivalent net interest income | 62,312 |  | 54,104 |  | 178,687 |  | 158,649 |  |
| Noninterest income | 24,980 |  | 20,606 |  | 86,304 |  | 60,991 |  |
| Securities gains, net | (1,767 | ) | (825 | ) | (9,230 | ) | (2,460 | ) |
| Adjusted income | \$85,525 |  | \$73,885 |  | \$255,761 |  | \$217,180 |  |
| Total noninterest expenses | \$61,996 |  | \$54,655 |  | \$185,092 |  | \$161,852 |  |
| Less: |  |  |  |  |  |  |  |  |
| Intangible assets amortization | 734 |  | 521 |  | 2,080 |  | 1,736 |  |
| Partnership investment in historic rehabilitation tax credits | 805 |  | 1,408 |  | 2,995 |  | 1,408 |  |
| Loss on sales/valuations of assets, net | 721 |  | 447 |  | 2,583 |  | 1,989 |  |
| Adjusted noninterest expenses | \$59,736 |  | \$52,279 |  | \$177,434 |  | \$156,719 |  |
| Efficiency ratio, fully taxable equivalent ${ }^{(2)}$ | 69.85 | \% | 70.76 | \% | 69.37 | \% | 72.16 | \% |

(1) Computed on a tax equivalent basis using an effective tax rate of $35 \%$.
(2) Efficiency ratio, fully taxable equivalent, expresses noninterest expenses as a percentage of fully taxable equivalent net interest income and noninterest income. This efficiency ratio is presented on a tax equivalent basis, which adjusts net interest income and noninterest expenses for the tax favored status of certain loans, securities and historic rehabilitation tax credits. Management believes the presentation of this non-GAAP measure provides supplemental useful information for proper understanding of the financial results as it enhances the comparability of income and expenses arising from taxable and nontaxable sources and excludes specific items, such as securities gains, net and losses on sales/valuations of assets, net. This measure should not be considered a substitute for operating results determined in accordance with GAAP.

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For the third quarter of 2015 , noninterest expenses totaled $\$ 62.0$ million compared to $\$ 54.7$ million during the third quarter of 2014, an increase of $\$ 7.3$ million or $13 \%$. For the first nine months of 2015, noninterest expenses totaled $\$ 185.1$ million, an increase of $\$ 23.2$ million or $14 \%$ from the first nine months of 2014. During both comparative periods, the categories contributing most significantly to these increases were salaries and employee benefits, professional fees and other noninterest expenses.

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One of Heartland's top priorities is improving its efficiency ratio to achieve a ratio of $65 \%$ by the end of 2016. During the second and third quarters of 2015, management announced the consolidation of two banking centers and the closing of seven under-performing loan production offices. Management is also focused on completing systems conversions of acquired entities as close to closing date as possible, which is also expected to contribute to improvement in Heartland's efficiency ratio.

The largest component of noninterest expenses, salaries and employee benefits, increased $\$ 3.5$ million or $10 \%$ during the third quarter of 2015 as compared to the same quarter in 2014 and $\$ 12.1$ million or $12 \%$ for the nine-month period ended on September 30, 2015, as compared to the same period in 2014. The salaries and employee benefits at the acquired locations comprised $\$ 1.1$ million of the increase for the quarterly comparative period and $\$ 4.3$ million for the nine-month comparative period. Salaries and employee benefits was also affected by increases in incentive plan accruals and higher compensation in the mortgage segment during the first quarter of 2015. Full-time equivalent employees totaled 1,736 on September 30, 2015, compared to 1,646 full-time equivalent employees on September 30, 2014, an increase of 90 full-time equivalent employees, primarily as a result of the acquisitions.

Professional fees increased $\$ 822,000$ million or $19 \%$ during the third quarter of 2015 compared to the third quarter of 2014 and $\$ 3.4$ million or $26 \%$ during the first nine months of 2015 compared to the first nine months of 2014 . These increases were primarily attributable to the increased volumes of mortgage loan originations and additional services provided to Heartland by third-parties, including those performed in relation to acquisitions.

For the third quarter of 2015, other noninterest expenses increased $\$ 1.6$ million or $22 \%$ over the third quarter of 2014. For the first nine months of 2015, other noninterest expenses increased $\$ 6.0$ million or $30 \%$ over the first nine months of 2014. Included in other noninterest expenses are costs associated with partnership investments in real estate projects that qualify for historic rehabilitation tax credits, which totaled $\$ 805,000$ during the third quarter of 2015 and $\$ 1.4$ million during the third quarter of 2014. For the nine-month comparative period, these costs totaled $\$ 3.0$ million during 2015 and $\$ 1.4$ million during 2014. These credits are included as a reduction to income tax expense as further described in the Income Taxes section of this report. Excluding the effect of the cost associated with the tax credit investment, other noninterest expenses increased $\$ 2.2$ million or $37 \%$ during the third quarter of 2015 in comparison to the third quarter of 2014 and $\$ 4.4$ million or $24 \%$ during the first nine months of 2015 in comparison with the same period in 2014. These increases were primarily a result of initial costs associated with the acquisitions and additional investments in technology.

## Income Taxes

Heartland's effective tax rate was $25.32 \%$ for the third quarter of 2015 compared to $19.58 \%$ for the third quarter of 2014. Included in Heartland's income taxes for the third quarters of both 2015 and 2014 were federal historic rehabilitation tax credits associated with Heartland's ownership interest in qualifying real estate projects totaling $\$ 1.1$ million in 2015 and $\$ 1.8$ million in 2014. Federal low-income housing tax credits included in Heartland's income taxes totaled $\$ 145,000$ during the third quarter of 2015 compared to $\$ 166,000$ during the third quarter of 2014. Heartland's effective tax rate was also affected by the level of tax-exempt interest income which, as a percentage of pre-tax income, was $24.61 \%$ during the third quarter of 2015 compared to $32.59 \%$ during the third quarter of 2014 .

Heartland's effective tax rate was $26.67 \%$ for the first nine months of 2015 compared to $22.83 \%$ for the first nine months of 2014. Included in Heartland's income taxes were federal historic rehabilitation tax credits associated with Heartland's ownership interest in qualifying real estate projects totaling $\$ 4.0$ million during the first nine months of 2015 and $\$ 1.8$ million during first nine months of 2014. Federal low-income housing tax credits included in Heartland's effective tax rate totaled $\$ 435,000$ during the first nine months of 2015 compared to $\$ 566,000$ during the first nine months of 2014. The level of tax-exempt interest income which, as a percentage of pre-tax income, was
$22.14 \%$ during the first nine months of 2015 compared to $37.46 \%$ during the first nine months of 2014.

## Segment Reporting

Heartland has two reportable segments: community and other banking, and retail mortgage banking. Revenues from community and other banking operations consist primarily of interest earned on loans and investment securities and fees from deposit services. Retail mortgage banking operating revenues consist of interest earned on mortgage loans held for sale, net gains on sale of loans into the secondary market, the servicing of mortgage loans for various investors and loan origination fee income. See Note 9 to our consolidated financial statements for further information regarding our segment reporting.

Income before taxes for the community and other banking segment for the third quarter of 2015 was $\$ 21.8$ million compared to $\$ 16.6$ million for the third quarter of 2014 , a $\$ 5.2$ or $31 \%$ increase, primarily as a result of increased net interest income and

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noninterest income, the effect of which was partially offset by increased noninterest expenses. Net interest income from the community and other banking segment improved by $\$ 7.3$ million or $14 \%$ for the third quarter of 2015 as compared to the third quarter of 2014, primarily as a result of strong loan growth experienced during the last half of 2014 and first half of 2015, combined with the acquisition of Community Banc-Corp of Sheboygan, Inc. in January 2015. Provision for loan and lease losses for the community and other banking segment was $\$ 3.2$ million for the third quarter of 2015 compared of $\$ 2.5$ million for the third quarter of 2014. Noninterest income allocable to the community and other banking segment totaled $\$ 16.0$ million during the third quarter of 2015 compared to $\$ 11.6$ million during the third quarter of 2014, an increase of $\$ 4.4$ million or $38 \%$, primarily resulting from increases in service charges and fees, securities gains and net gains on the sale of commercial and agricultural loans held for sale. Noninterest expenses allocable to the community and other banking segment increased $\$ 5.9$ million or $14 \%$ during the third quarter of 2015 as compared to the third quarter of 2014. Included in the third quarter of 2015 noninterest expenses was $\$ 805,000$ in costs associated with a partnership investment which qualifies for historic rehabilitation tax credits.

Income before taxes for the community and other banking segment for the nine months ended September 30 was $\$ 59.5$ million for 2015 compared to $\$ 43.3$ million for 2014 , a $\$ 16.3$ million or $38 \%$ increase. Driven by strong loan growth, net interest income increased $\$ 18.1$ million or $12 \%$ from $\$ 148.9$ million during the first nine months of 2014 to $\$ 167.0$ million during the first nine months of 2015. Provision for loan and lease losses was $\$ 10.5$ million for the first nine months of 2015 compared of $\$ 11.6$ million for the first nine months of 2014, a decrease of $\$ 1.1$ million or $10 \%$. Noninterest income allocable to the community and other banking segment totaled $\$ 48.7$ million during the first nine months of 2015 compared to $\$ 35.1$ million during the first nine months of 2014, an increase of $\$ 13.6$ million or $39 \%$, primarily a result of increases in service charges and fees, trust fees, securities gains and net gains on sale of commercial and agricultural loans held for sale. Noninterest expenses totaled $\$ 145.6$ million during the first nine months of 2015 compared to $\$ 129.1$ million during the first nine months of 2014, an increase of $\$ 16.5$ million or $13 \%$, primarily a result of the added expenses of acquisitions completed during 2015 and $\$ 3.0$ million in costs associated with historic rehabilitation tax credit partnership investments.

The retail mortgage banking segment recorded a loss before taxes of $\$ 2.3$ million for the third quarter of 2015 compared to a loss before taxes of $\$ 1.7$ million for the third quarter of 2014. Noninterest income from the retail mortgage banking segment totaled $\$ 9.0$ million for both the third quarter of 2015 and 2014. Noninterest expenses allocable to the retail mortgage banking segment were $\$ 12.8$ million during the third quarter of 2015 compared to $\$ 11.4$ million during the third quarter of 2014 , a $\$ 1.4$ million or $12 \%$ increase, primarily as a result of additional salaries and employee benefits expense.

For the nine-month comparative periods ended on September 30, the retail mortgage banking segment recorded income before taxes of $\$ 2.4$ million in 2015 compared to a loss before taxes of $\$ 4.9$ million in 2014. This increase was reflective of the reduced long-term interest rates during the first half of 2015 in comparison to the first half of 2014 and the effect lower interest rates have on the volume of residential mortgage loans originated for sale and the associated gains on sale of these loans into the secondary market. For the nine-month comparative period ended September 30, noninterest income totaled $\$ 37.6$ million in 2015 compared to $\$ 25.9$ million in 2014, an $\$ 11.7$ million or $45 \%$ increase. Noninterest expenses totaled $\$ 39.5$ million during the first nine months of 2015 compared to $\$ 32.7$ million during the first nine months of 2014 , an increase of $\$ 6.7$ million or $21 \%$. This increase was primarily a result of transaction-based compensation to mortgage banking personnel associated with the increased volume of residential mortgage loans underwritten during the first half of 2015. Also included in noninterest expenses during the first nine months of 2015 were $\$ 800,000$ in asset writedowns associated with the closure of seven under-performing loan production offices. Management has refined its strategy relative to the retail mortgage banking segment with an emphasis on building out this line of business within bank subsidiary locations instead of in out-of-footprint locations.

## FINANCIAL CONDITION

Total assets were $\$ 6.81$ billion at September 30, 2015, an increase of $\$ 754.1$ million or $12 \%$ since year-end 2014. Total assets of the entities acquired during 2015 were $\$ 775.5$ million at acquisition date.

Lending Activities
Total loans and leases held to maturity were $\$ 4.64$ billion at September 30, 2015, compared to $\$ 3.88$ billion at year-end 2014, an increase of $\$ 765.8$ million or $20 \%$, which includes $\$ 549.2$ million acquired during 2015 in acquisitions. Exclusive of these acquisitions, total loans and leases held to maturity increased $\$ 216.5$ million or $7 \%$ annualized since year-end 2014.

The table below presents the composition of the loan portfolio as of September 30, 2015, and December 31, 2014, in thousands:

## LOAN PORTFOLIO

Loans and leases receivable held to maturity:
Commercial
Commercial real estate
Agricultural and agricultural real estate
Residential mortgage
Consumer
Gross loans and leases receivable held to maturity
Unearned discount
Deferred loan fees
Total net loans and leases receivable held to maturity
Loans covered under loss share agreements:

| Commercial and commercial real estate | - | - | $\%$ | 54 | 4.29 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Agricultural and agricultural real estate | - | - | - | - |  |  |
| Residential mortgage | - | - |  | 1,204 | 95.71 |  |
| Consumer | - | - |  | - | - |  |
| Total loans covered under loss share agreements | - | - | $\%$ | 1,258 | 100.00 | $\%$ |
| Allowance for loan and lease losses | $(47,105$ | $)$ |  | $(41,449$ | $)$ |  |
| Loans and leases receivable, net | $\$ 4,595,418$ |  |  | $\$ 3,836,554$ |  |  |

Loans and leases secured by real estate, either fully or partially, totaled $\$ 3.01$ billion or $65 \%$ of gross loans and leases at September 30, 2015. Of the non-farm, nonresidential real estate loans, $57 \%$ are owner occupied. The largest categories within Heartland's real estate secured loans at September 30, 2015, and December 31, 2014, are listed below, in thousands:
LOANS SECURED BY REAL ESTATE
Residential real estate, excluding residential construction and residential lot loans
Industrial, manufacturing, business and commercial
Agriculture
Retail
Office
Land development and lots
Hotel, resort and hospitality
Multi-family
Food and beverage
Warehousing
Health services
Residential construction
All other
Loans acquired in the 3rd quarter 2015
Total loans secured by real estate

September 30, 2015 December 31, 2014
\$844,426 \$702,627
380,566 321,338
256,007 252,143
232,886 200,049
269,049 225,769
122,995 122,662
113,505 105,217
183,981 150,657
92,385 79,208
81,813 68,449
91,805 49,401
93,851 72,419
149,585 127,714
94,810 -
\$3,007,664 \$2,477,653

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## Allowance For Loan and Lease Losses

The process utilized by Heartland to determine the appropriateness of the allowance for loan and lease losses is considered a critical accounting practice for Heartland and has remained consistent over the past several years. The allowance for loan and lease losses represents management's estimate of identified and unidentified probable losses in the existing loan portfolio. For additional details on the specific factors considered, refer to the critical accounting policies section of our Annual Report on Form 10-K for the year ended December 31, 2014.

Exclusive of loans covered under loss sharing agreements, the allowance for loan and lease losses at September 30, 2015, was $1.01 \%$ of loans and leases and $139.54 \%$ of nonperforming loans compared to $1.07 \%$ of loans and leases and $165.33 \%$ of nonperforming loans at December 31, 2014.

Nonperforming loans, excluding those covered under loss sharing agreements, were $\$ 33.8$ million or $0.73 \%$ of total loans and leases at September 30, 2015, compared to $\$ 25.1$ million or $0.63 \%$ of total loans and leases at December 31, 2014. Exclusive of $\$ 11.4$ million of nonperforming assets acquired in the acquisitions, nonperforming assets decreased $\$ 4.8$ million or $12 \%$ since year-end 2014. Approximately $27 \%$, or $\$ 9.1$ million, of Heartland's nonperforming loans have individual loan balances exceeding $\$ 1.0$ million and represent loans to an aggregate of five borrowers. The portion of Heartland's nonperforming loans covered by government guarantees was $\$ 2.9$ million at September 30, 2015, and $\$ 1.5$ million at December 31, 2014.

Loans delinquent 30 to 89 days as a percent of total loans increased to $0.40 \%$ at September 30, 2015, in comparison with $0.21 \%$ at December 31, 2014, primarily due to loans acquired in the Community Banc-Corp of Sheboygan, Inc. transaction.

The tables below present the changes in the allowance for loan and lease losses during the three and nine months ended September 30, 2015 and 2014, in thousands:


The table below presents the amounts of nonperforming loans and leases and other nonperforming assets on the dates indicated, in thousands:

(1) Represents accruing troubled debt restructured loans performing according to their restructured terms.

The schedule below summarizes the changes in Heartland's nonperforming assets, including those covered by loss share agreements, during the third quarter of 2015 and the first nine months of 2015, in thousands:

|  | Nonperforming Loans | Other <br> Real Estate Owned | Other <br> Repossessed <br> Assets |  | Total <br> Nonperforming <br> Assets |
| :---: | :---: | :---: | :---: | :---: | :---: |
| June 30, 2015 | \$26,710 | \$ 16,983 | \$544 |  | \$44,237 |
| Loan foreclosures | (1,160 ) | ) 1,160 | - |  | - |
| Net loan charge-offs | (1,690 | - | - |  | (1,690 ) |
| Acquired nonperforming assets | 4,660 | 645 | 23 |  | 5,328 |
| New nonperforming loans | 7,996 | - | - |  | 7,996 |
| Reduction of nonperforming loans ${ }^{(1)}$ | (2,758 | - | - |  | (2,758 |
| OREO/Repossessed assets sales proceeds | - | (991 | ) $(83$ | ) | (1,074 ) |
| OREO/Repossessed assets writedowns, net |  | (756 | ) - |  | (756 ) |
| Net activity at Citizens Finance Co. | - | - | 142 |  | 142 |
| September 30, 2015 | \$33,758 | \$17,041 | \$626 |  | \$51,425 |

(1) Includes principal reductions and transfers to performing status.

|  | Nonperforming Loans | Other <br> Real Estate Owned | Other <br> Repossessed <br> Assets |  | Total <br> Nonperforming <br> Assets |
| :---: | :---: | :---: | :---: | :---: | :---: |
| December 31, 2014 | \$25,348 | \$ 19,016 | \$445 |  | \$44,809 |
| Loan foreclosures | (5,206 ) | 5,123 | 83 |  | - |
| Net loan charge-offs | (4,870 | - | - |  | (4,870 ) |
| Acquired nonperforming assets | 10,415 | 991 | 23 |  | 11,429 |
| New nonperforming loans | 16,731 | - | - |  | 16,731 |
| Reduction of nonperforming loans ${ }^{(1)}$ | (8,660 | - | - |  | (8,660 ) |
| OREO/Repossessed assets sales proceeds | - | (6,477 | ) (111 | ) | (6,588 ) |
| OREO/Repossessed assets writedowns, ne |  | (1,612 | ) $(28$ | ) | (1,640 ) |
| Net activity at Citizens Finance Co. | - | - | 214 |  | 214 |
| September 30, 2015 | \$33,758 | \$17,041 | \$626 |  | \$51,425 |

(1) Includes principal reductions and transfers to performing status.

Securities

The composition of Heartland's securities portfolio is managed to maximize the return on the portfolio while considering the impact it has on Heartland's asset/liability position and liquidity needs. Securities declined to $23 \%$ of total assets at September 30, 2015, compared to $28 \%$ at year-end 2014. Total available for sale securities as of September 30, 2015, were $\$ 1.26$ billion, a decrease of $\$ 140.2$ million or $10 \%$ from $\$ 1.40$ billion at December 31, 2014.

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The table below presents the composition of the securities portfolio, including trading, available for sale and held to maturity, by major category, as of September 30, 2015, and December 31, 2014, in thousands:
SECURITIES PORTFOLIO COMPOSITION
U.S. government corporations and agencies

Mortgage-backed securities
Obligation of states and political subdivisions
Corporate debt securities
Equity securities
Other securities
Total securities

| September 30,2015 |  | December 31, 2014 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Amount | Percent |  | Amount | Percent |  |
| $\$ 27,020$ | 1.73 | $\%$ | $\$ 24,093$ | 1.41 | $\%$ |
| $1,011,831$ | 64.73 |  | $1,225,000$ | 71.77 |  |
| 491,269 | 31.43 |  | 432,279 | 25.32 |  |
| 580 | 0.04 |  | - | - |  |
| 13,187 | 0.84 |  | 5,083 | 0.30 |  |
| 19,292 | 1.23 |  | 20,498 | 1.20 |  |
| $\$ 1,563,179$ | 100.00 | $\%$ | $\$ 1,706,953$ | 100.00 | $\%$ |

The percentage of Heartland's securities portfolio comprised of mortgage-backed securities was $65 \%$ at September 30, 2015, and $72 \%$ at December 31, 2014. Approximately $80 \%$ of Heartland's mortgage-backed securities were issuances of government-sponsored enterprises at September 30, 2015. Heartland's securities portfolio had an expected duration of 3.78 years as of September 30, 2015, compared to 4.07 years at year-end 2014. The available for sale securities portfolio had an expected duration of 3.35 years as of September 30, 2015, compared to 2.52 years as of December 31, 2014.

The Volcker Rule prohibits insured depository institutions and their holding companies from engaging in proprietary trading except in limited circumstances, and prohibits them from owning equity interests in excess of $3 \%$ of Tier 1 Capital in private equity and hedge funds. The Volcker Rule will not have a material impact on Heartland's investment securities portfolio.

At September 30, 2015, Heartland had $\$ 19.3$ million of other securities, including capital stock in the various Federal Home Loan Banks of which its bank subsidiaries are members and all of which were classified as other securities held at cost.

## Deposits And Borrowed Funds

Total deposits were $\$ 5.51$ billion as of September 30, 2015, compared to $\$ 4.77$ billion at year-end 2014, an increase of $\$ 739.2$ million or $16 \%$, with $\$ 647.2$ million attributable to the acquisitions completed during 2015. Exclusive of these acquisitions, total deposits increased $\$ 91.9$ million or $3 \%$ annualized since year-end 2014. Demand deposits totaled $\$ 1.63$ billion at September 30, 2015, an increase of $\$ 336.8$ million or $26 \%$ since year-end 2014, with $\$ 145.5$ million attributable to the acquisitions. Included in deposit growth during the first nine months of 2015 was an $\$ 88.1$ million increase in brokered time deposits, the majority of which were issued to replace higher cost long-term FHLB advances and wholesale repurchase agreements that matured during the first six months of 2015.

Short-term borrowings generally include federal funds purchased, securities sold under agreements to repurchase, short-term FHLB advances and discount window borrowings from the Federal Reserve Bank. These funding alternatives are utilized in varying degrees depending on their pricing and availability. All of Heartland's bank subsidiaries own FHLB stock in either the Chicago, Dallas, Des Moines, San Francisco or Topeka FHLB, enabling them to borrow funds from their respective FHLB for short- or long-term purposes under a variety of programs. The amount of short-term borrowings was $\$ 335.8$ million at September 30, 2015, compared to $\$ 330.3$ million at year-end 2014. Short-term FHLB advances of $\$ 82.1$ million were included in short-term borrowings at September 30, 2015, in comparison with $\$ 76.0$ million at December 31, 2014.

All of the Heartland bank subsidiaries provide retail repurchase agreements to their customers as a cash management tool, sweeping excess funds from demand deposit accounts into these agreements. This source of funding does not increase the bank's reserve requirements. Although the aggregate balance of these retail repurchase agreements is
subject to variation, the account relationships represented by these balances are principally local. The balances of retail repurchase agreements were $\$ 224.0$ million at September 30, 2015, compared to $\$ 240.2$ million at December 31, 2014.

Also included in short-term borrowings is the revolving credit line Heartland has with an unaffiliated bank, primarily to provide liquidity to Heartland. There was no balance outstanding on Heartland's revolving credit line at both September 30, 2015, and December 31, 2014. This credit agreement contains specific covenants, with which Heartland was in compliance on September 30, 2015.

Other borrowings include all debt arrangements Heartland and its subsidiaries have entered into with original maturities that extend beyond one year, including long-term FHLB borrowings, term borrowings under term notes, subordinated notes and

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senior notes, and obligations under trust preferred capital securities. As of September 30, 2015, the amount of other borrowings was $\$ 302.1$ million, a decrease of $\$ 93.6$ million or $24 \%$ since year-end 2014.

Long-term FHLB borrowings with an original term beyond one year totaled $\$ 42.3$ million at September 30, 2015, compared to $\$ 109.7$ million at December 31, 2014, a decrease of $\$ 67.4$ million or $61 \%$. Total long-term FHLB borrowings at September 30, 2015, had an average rate of $0.81 \%$ and an average maturity of 2.04 years. Structured wholesale repurchase agreements totaled $\$ 30.0$ million at September 30, 2015, and $\$ 45.0$ million at December 31, 2014.

The outstanding balance on Heartland's amortizing term loan with an unaffiliated bank was $\$ 9.3$ million at September 30, 2015, compared to $\$ 10.4$ million at December 31, 2014. Heartland also had senior notes totaling $\$ 29.5$ million and subordinated notes totaling $\$ 74.0$ million outstanding at both September 30, 2015, and December 31, 2014.

On March 31, 2015, \$20.0 million of $8.25 \%$ trust preferred securities were redeemed with no early redemption penalties. A schedule of Heartland's trust preferred securities outstanding as of September 30, 2015, is as follows, in thousands:

|  | Amount Issued | Issuance Date | Interest <br> Rate | Interest <br> Rate as of 9/30/15 ${ }^{(1)}$ | Maturity Date | Callable <br> Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Heartland Financial Statutory Trust IV | 25,774 | 03/17/2004 | 2.75\% over <br> LIBOR | 3.08\% ${ }^{(2)}$ | 03/17/2034 | 12/17/2015 |
| Heartland Financial Statutory Trust V | 20,619 | 01/27/2006 | $1.33 \%$ over <br> LIBOR | 1.62\% ${ }^{(3)}$ | 04/07/2036 | 01/07/2016 |
| Heartland Financial Statutory Trust VI | 20,619 | 06/21/2007 | 6.75\% | 6.75\% ${ }^{(4)}$ | 09/15/2037 | 12/15/2015 |
| Heartland Financial Statutory Trust VII | 20,619 | 06/26/2007 | $1.48 \%$ over <br> LIBOR | $1.81 \%{ }^{(5)}$ | 09/01/2037 | 12/01/2015 |
| Morrill Statutory Trust I | 8,688 | 12/19/2002 | $3.25 \%$ over <br> LIBOR | 3.58\% ${ }^{(6)}$ | 12/26/2032 | 12/26/2015 |
| Morrill Statutory Trust II | 8,281 | 12/17/2003 | $\begin{aligned} & 2.85 \% \text { over } \\ & \text { LIBOR } \end{aligned}$ | $3.18 \%{ }^{(7)}$ | 12/17/2033 | 12/17/2015 |
| Sheboygan Statutory Trust I | 6,155 | 9/17/2003 | 2.95\% over <br> LIBOR | 3.29\% | 09/17/2033 | 12/17/2015 |
| CBNM Capital Trust I | 4,193 | 9/10/2004 | $\begin{aligned} & 3.25 \% \text { over } \\ & \text { LIBOR } \end{aligned}$ | 3.59\% | 12/15/2034 | 12/15/2015 |
|  | \$114,948 |  |  |  |  |  |

(1) Effective weighted average interest rate as of September 30, 2015, was $4.97 \%$ due to interest rate swap transactions on the variable rate securities as discussed in Note 7 to Heartland's consolidated financial statements.
(2) Effective interest rate as of September 30, 2015, was $5.00 \%$ due to an interest rate swap transaction as discussed in Note 7 to Heartland's consolidated financial statements.
(3) Effective interest rate as of September 30, 2015, was $4.69 \%$ due to an interest rate swap transaction as discussed in Note 7 to Heartland's consolidated financial statements.
(4) Interest rate is fixed at $6.75 \%$ through June 15,2017 , then resets to $1.48 \%$ over LIBOR for the remainder of the term.
(5) Effective interest rate as of September 30, 2015, was $4.70 \%$ due to an interest rate swap transaction as discussed in Note 7 to Heartland's consolidated financial statements.
(6) Effective interest rate as of September 30, 2015, was $4.92 \%$ due to an interest rate swap transaction as discussed in Note 7 to Heartland's consolidated financial statements.
(7) Effective interest rate as of September 30, 2015, was $4.51 \%$ due to an interest rate swap transaction as discussed in Note 7 to Heartland's consolidated financial statements.

## CAPITAL REQUIREMENTS

Bank regulatory agencies have adopted capital standards by which all bank holding companies will be evaluated, including requirements to maintain certain core capital amounts included as Tier 1 capital at minimum levels relative to total assets (the "Tier 1 Leverage Capital Ratio") and at minimum levels relative to "risk-weighted assets" which is calculated by assigning value to assets, and off balance sheet commitments, based on their risk characteristics (the "Tier 1 Risk-Based Capital Ratio"), and to maintain total capital at minimum levels relative to risk-weighted assets (the "Total Risk-Based Capital Ratio"). Starting in 2015, bank holding companies are subject to a new Common Equity Tier 1 Capital Ratio, an increased Tier 1 Leverage Capital Ratio and an increased Tier 1 Risk-Based Capital Ratio under the Basel III rules and are required to include in Common Equity Tier 1 capital the effects of other comprehensive income adjustments, such as gains and losses on securities held to maturity, that are currently excluded from the definition of Tier 1 capital, but are allowed to make a one-time election not to include those effects. Heartland and its bank subsidiaries have been, and will continue to be, managed so they meet the well-capitalized requirements under the regulatory framework for prompt corrective action and have made the one-time election to exclude the effects of other comprehensive income adjustments on their Tier 1 capital. Under the Basel III rules, the requirements to be categorized as well-capitalized changed from $4 \%$ to $5 \%$ for the Tier 1 Leverage Capital Ratio, from $6 \%$ to $8 \%$ for the Tier 1 Risk-Based Capital Ratio and remained at $10 \%$ for the Total Risk-Based Capital Ratio. The most recent notification from the FDIC categorized Heartland and each of its bank subsidiaries as well capitalized under the regulatory framework for prompt corrective action, and Heartland and its bank subsidiaries would have continued to be well capitalized
had the Basel III rules been effective for the period covered by such notification. There are no conditions or events since that notification that management believes have changed each institution's category.

Heartland's capital ratios were as follows for the dates indicated, in thousands:

| CAPITAL RATIOS | September 30, 2015 |  | December 31, 2014 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Ratio |  | Amount | Ratio |  |
| Risk-Based Capital Ratios: |  |  |  |  |  |  |
| Tier 1 capital | \$644,738 | 11.50 | \% | \$578,564 | 12.95 | \% |
| Tier 1 capital minimum requirement ${ }^{(1)}$ | 336,482 | 6.00 | \% | 178,757 | 4.00 | \% |
| Excess | \$308,256 | 5.50 | \% | \$399,807 | 8.95 | \% |
| Total capital | \$771,614 | 13.76 | \% | \$703,032 | 15.73 | \% |
| Total capital minimum requirement | 448,642 | 8.00 | \% | 357,513 | 8.00 | \% |
| Excess | \$322,972 | 5.76 | \% | \$345,519 | 7.73 | \% |
| Tier 1 common equity | \$448,193 | 7.99 | \% |  |  |  |
| Tier 1 common equity minimum requirement | \$252,361 | 4.50 | \% |  |  |  |
| Excess | \$195,832 | 3.49 | \% |  |  |  |
| Total risk-adjusted assets | \$5,608,025 |  |  | \$4,468,914 |  |  |
| Leverage Capital Ratios |  |  |  |  |  |  |
| Tier 1 capital | \$644,738 | 9.67 | \% | \$578,564 | 9.75 | \% |
| Tier 1 capital minimum requirement ${ }^{(2)}$ | 266,672 | 4.00 | \% | 237,316 | 4.00 | \% |
| Excess | \$378,066 | 5.67 | \% | \$341,248 | 5.75 | \% |
| Average adjusted assets (less goodwill and other intangible assets) | \$6,666,809 |  |  | \$5,932,898 |  |  |

(1) Under Basel III, the minimum requirement for this measure was changed from $4.00 \%$ to $6.00 \%$.
(2) Under Basel III, the minimum requirement for this measure was changed from $3.00 \%$ for the most highly-rated banks and $4.00 \%$ for all others, to $4.00 \%$ for all banks.

Heartland filed a universal shelf registration statement with the Securities and Exchange Commission on August 28, 2013, which became effective on September 9, 2013, to register up to $\$ 75.0$ million in securities. The shelf registration statement provides Heartland with increased flexibility to raise capital, subject to Securities and Exchange Commission rules and limitations, if Heartland's board of directors decides to do so.

Common stockholders' equity was $\$ 509.3$ million at September 30, 2015, compared to $\$ 414.6$ million at December 31, 2014. Book value per common share was $\$ 24.68$ at September 30, 2015, compared to $\$ 22.40$ at year-end 2014. Changes in common stockholders' equity and book value per common share are the result of earnings, dividends paid, stock transactions and mark-to-market adjustment for unrealized gains and losses on securities available for sale. Heartland's unrealized gains on securities available for sale, net of applicable taxes, were $\$ 4.6$ million at September 30, 2015, compared to $\$ 3.6$ million at December 31, 2014.

## COMMITMENTS AND CONTRACTUAL OBLIGATIONS

Commitments to extend credit are agreements to lend to a customer as long as there is no violation of any condition established in the contract. Commitments generally have fixed expiration dates or other termination clauses and may
require payment of a fee. Since many of the commitments are expected to expire without being drawn upon, the total commitment amounts do not necessarily represent future cash requirements. Standby letters of credit and financial guarantees written are conditional commitments issued by the Heartland banks to guarantee the performance of a customer to a third party. Those guarantees are primarily issued to support public and private borrowing arrangements. The credit risk involved in issuing letters of credit is essentially the same as that involved in extending loan facilities to customers. At September 30, 2015, and December 31, 2014,

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commitments to extend credit aggregated $\$ 1.56$ billion and $\$ 1.42$ billion, and standby letters of credit aggregated $\$ 51.5$ million and $\$ 38.9$ million, respectively.

Contractual obligations and other commitments were presented in Heartland's Annual Report on Form 10-K for the year ended December 31, 2014. Except for the commitments with respect to acquisitions discussed below, there have been no other material changes in Heartland's contractual obligations and other commitments since that report was filed.

On May 28, 2015, Heartland entered into a merger agreement with Premier Valley Bank, a community bank based in Fresno, California. Under the terms of the agreement, Premier Valley will become a wholly-owned subsidiary of Heartland and continue to operate under its present name and management team as Heartland's tenth state-chartered bank. Subject to adjustment for a minimum tangible equity threshold, Premier Valley shareholders will receive approximately $\$ 95.0$ million or $\$ 7.73$ per share of Premier Valley common stock in the merger, and may elect to receive this payment in shares of Heartland common stock or in cash, subject to proration so that $70 \%$ of the total payment is in Heartland common stock and $30 \%$ in cash. The transaction is expected to close during the fourth quarter of 2015.

On October 22, 2015, Heartland entered into a merger agreement with CIC Bancshares, Inc., parent company of Centennial Bank, headquartered in Denver, Colorado. The agreement provides that, subject to regulatory approvals and approval by CIC Bancshares, Inc. shareholders, CIC Bancshares, Inc. will merge with and into Heartland, the holders of CIC Bancshares Inc. common stock will receive consideration in the form of 20 percent cash and 80 percent Heartland common stock, Heartland will issue a new series of convertible preferred stock to holders of CIC Bancshares, Inc. convertible preferred stock, and Heartland will assume the obligations under CIC Bancshares, Inc. convertible notes, including the obligation to issue its common stock upon conversion of the notes. Heartland will pay an aggregate of approximately $\$ 83.5$ million to holders of CIC Bancshares, Inc. common stock, convertible preferred stock and convertible notes. Upon closing of the transaction, Centennial Bank will merge with Heartland's Summit Bank \& Trust subsidiary and continue operations under the Centennial Bank name. The transaction is expected to close during the first quarter of 2016.

Heartland continues to explore opportunities to expand its footprint of independent community banks through acquisitions. Although attention is focused on existing and adjacent markets, where there would be an opportunity to grow market share, achieve efficiencies and provide greater convenience for existing customers, acquisitions in new growth markets are also considered if they fit Heartland's business model and would provide a sufficient return on investment to be accretive to earnings within the first year of integration. Future expenditures relating to expansion efforts, in addition to those identified above are not estimable at this time.

On a consolidated basis, Heartland maintains a large balance of short-term securities that, when combined with cash from operations, management believes are adequate to meet Heartland's funding obligations.

At the parent company level, routine funding requirements consist primarily of dividends paid to stockholders, including the U.S. Treasury, which holds Heartland Series C Fixed Rate Non-Cumulative Perpetual preferred stock, debt service on revolving credit arrangements, subordinated debt and trust preferred securities issuances, debt repayment obligations under other obligations and payments for acquisitions. The parent company obtains the funding to meet these obligations from dividends collected from its subsidiaries and the issuance of debt securities. Heartland believes that the regulatory permissible dividends from its subsidiary banks are adequate to meet these funding obligations for the next 12 months and maintains a revolving credit agreement with an unaffiliated bank that provides a maximum borrowing capacity of $\$ 20.0$ million, of which none has been used during the past 12 months. The credit agreement contains specific financial covenants, all of which Heartland was in compliance with as of September 30, 2015.

## LIQUIDITY

Liquidity refers to Heartland's ability to maintain cash flow that is adequate to meet maturing obligations and existing commitments, to withstand fluctuations in deposit levels, to fund operations and to provide for customers' credit needs. The liquidity of Heartland principally depends on cash flows from operating activities, investment in and maturity of assets, changes in balances of deposits and borrowings and its ability to borrow funds in the money or capital markets.

Operating activities provided $\$ 53.6$ million of cash during the first nine months of 2015 compared to $\$ 29.1$ million during the first nine months of 2014, with a majority of the change resulting from higher net income during the first nine months of 2015. Securities gains, net, totaled $\$ 9.2$ million during the first nine months of 2015 compared to $\$ 2.5$ million during the first nine months of 2014. Loans originated for sale and the proceeds on sales of loans held for sale used cash of $\$ 31.3$ million during the first nine months of 2015 compared to $\$ 46.4$ million during the first nine months of 2014.

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Investing activities provided cash of $\$ 3.9$ million during the first nine months of 2015 compared to using cash of $\$ 64.7$ million during the first nine months of 2014. Cash used for the purchase of securities and other investments totaled $\$ 784.5$ million during the first nine months of 2015 compared to $\$ 573.2$ million during the first nine months of 2014. The proceeds from sales of securities sales, paydowns and maturities were $\$ 1.02$ billion during the first nine months of 2015 compared to $\$ 817.1$ million during the first nine months of 2014. The net change in loans and leases used cash of $\$ 225.4$ million during the first nine months of 2015 compared to $\$ 317.6$ million during the first nine months of 2014.

Financing activities used cash of $\$ 40.3$ million during the first nine months of 2015 compared to $\$ 21.8$ million during the first nine months of 2014. The net increase in demand and savings deposits provided cash of $\$ 118.3$ million during the first nine months of 2015 compared to $\$ 100.5$ million during the first nine months of 2014. The net decrease in time deposits used cash of $\$ 26.3$ million during the first nine months of 2015 compared to $\$ 40.2$ million during the first nine months of 2014. Activity in short-term borrowings, including short-term FHLB advances, used cash of \$19.8 million during the first nine months of 2015 compared to $\$ 60.5$ million during the first nine months of 2014. Proceeds from other borrowings provided cash of $\$ 29.0$ million during the first nine months of 2015 compared to $\$ 5.0$ million during the first nine months of 2014 while repayment of other borrowings used cash of $\$ 134.8$ million during the first nine months of 2015 compared to $\$ 20.6$ million during the first nine months of 2014.

Management of investing and financing activities, and market conditions, determine the level and the stability of net interest cash flows. Management attempts to mitigate the impact of changes in market interest rates to the extent possible, so that balance sheet growth is the principal determinant of growth in net interest cash flows.

Heartland's short-term borrowing balances are dependent on commercial cash management and smaller correspondent bank relationships and, as such, will normally fluctuate. Management believes these balances, on average, to be stable sources of funds; however, management intends to rely on deposit growth and additional FHLB borrowings in the future.

In the event of short-term liquidity needs, Heartland's bank subsidiaries may purchase federal funds from each other or from correspondent banks and may also borrow from the Federal Reserve Bank. Additionally, the bank subsidiaries' FHLB memberships give them the ability to borrow funds for short- and long-term purposes under a variety of programs.

## ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risk is the risk of loss arising from adverse changes in market prices and rates. Heartland's market risk is comprised primarily of interest rate risk resulting from its core banking activities of lending and deposit gathering. Interest rate risk measures the impact on earnings from changes in interest rates and the effect on current fair market values of Heartland's assets, liabilities and off-balance sheet contracts. The objective is to measure this risk and manage the balance sheet to avoid unacceptable potential for economic loss.

Management continually develops and applies strategies to mitigate market risk. Exposure to market risk is reviewed on a regular basis by the asset/liability committees of the banks and, on a consolidated basis, by Heartland's executive management and board of directors. Darling Consulting Group, Inc. has been engaged to provide asset/liability management position assessment and strategy formulation services to Heartland and its bank subsidiaries. At least quarterly, a detailed review of the balance sheet risk profile is performed for Heartland and each of its bank subsidiaries. Included in these reviews are interest rate sensitivity analyses, which simulate changes in net interest income in response to various interest rate scenarios. These analyses consider current portfolio rates, existing maturities, repricing opportunities and market interest rates, in addition to prepayments and growth under different interest rate assumptions. Selected strategies are modeled prior to implementation to determine their effect on

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Heartland's interest rate risk profile and net interest income. Heartland believes its net interest income simulations reflect a well-balanced and manageable interest rate posture, and primary market risk exposures have not changed significantly in the first nine months of 2015.

The core interest rate risk analysis utilized by Heartland examines the balance sheet under increasing and decreasing interest scenarios that are neither too modest nor too extreme. All rate changes are ramped over a 12 -month horizon based upon a parallel shift in the yield curve and then maintained at those levels over the remainder of the simulation horizon. Using this approach, management is able to see the effect that both a gradual change of rates (year 1) and a rate shock (year 2 and beyond) could have on Heartland's net interest income. Starting balances in the model reflect actual balances on the "as of" date, adjusted for material and significant transactions. Pro-forma balances remain static. This enables interest rate risk embedded within the existing balance sheet structure to be isolated from the interest rate risk often caused by growth in assets and liabilities. Due to the low interest rate environment, the simulations under a decreasing interest rate scenario were prepared using a 100 basis point shift in rates. The most recent reviews at September 30, 2015, and September 30, 2014, provided the
following results, in thousands:

|  | 2015 | 2014 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net Interest | \% Change |  | Net Interest | \% Change |  |
|  | Margin | From Base |  | Margin | From Base |  |
| Year 1 |  |  |  |  |  |  |
| Down 100 Basis Points | \$226,876 | (2.16 | )\% | \$182,980 | (0.65 | )\% |
| Base | \$231,874 |  |  | \$184,171 |  |  |
| Up 200 Basis Points | \$228,740 | (1.35 | )\% | \$ 189,081 | 2.67 | \% |
| Year 2 |  |  |  |  |  |  |
| Down 100 Basis Points | \$217,114 | (6.37 | )\% | \$177,377 | (3.69 | )\% |
| Base | \$232,015 | 0.06 | \% | \$184,924 | 0.41 | \% |
| Up 200 Basis Points | \$236,464 | 1.98 | \% | \$201,276 | 9.29 | \% |

Heartland uses derivative financial instruments to manage the impact of changes in interest rates on its future interest income or interest expense. Heartland is exposed to credit-related losses in the event of nonperformance by the counterparties to these derivative instruments, but believes it has minimized the risk of these losses by entering into the contracts with large, stable financial institutions. The estimated fair market values of these derivative instruments are presented in Note 7 to the consolidated financial statements.

Heartland enters into financial instruments with off balance sheet risk in the normal course of business to meet the financing needs of its customers. These financial instruments include commitments to extend credit and standby letters of credit. These instruments involve, to varying degrees, elements of credit and interest rate risk in excess of the amount recognized in the consolidated balance sheets. Commitments to extend credit are agreements to lend to a customer as long as there is no violation of any condition established in the contract. Commitments generally have fixed expiration dates and may require collateral from the borrower. Standby letters of credit are conditional commitments issued by Heartland to guarantee the performance of a customer to a third party up to a stated amount and with specified terms and conditions. These commitments to extend credit and standby letters of credit are not recorded on the balance sheet until the instrument is exercised.

Heartland periodically holds a securities trading portfolio that would also be subject to elements of market risk. These securities are carried on the balance sheet at fair value. At both September 30, 2015, and December 31, 2014, Heartland held no securities in its securities trading portfolio.

## ITEM 4. CONTROLS AND PROCEDURES

Under the direction of our Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) and 15d-15(e) promulgated under the Securities and Exchange Act of 1934, as amended) as of September 30, 2015. Based on that evaluation, our management, including the Chief Executive Officer and Chief Financial Officer, concluded that our disclosure controls and procedures were effective in ensuring that information required to be disclosed by us in the reports that we file or submit under the Securities Exchange Act of 1934 is recorded, processed, summarized and reported within the time periods specified in applicable rules and forms and that such information is accumulated and communicated to management, including our Chief Executive Officer and Chief Financial Officer, in a manner that allows timely decisions regarding required disclosure.

There were no significant changes to Heartland's disclosure controls or internal controls over financial reporting during the quarter ended September 30, 2015, that have materially affected or are reasonably likely to materially affect Heartland's internal control over financial reporting.

## PART II

## ITEM 1. LEGAL PROCEEDINGS

There are no material pending legal proceedings to which Heartland or its subsidiaries are a party other than ordinary routine litigation incidental to their respective businesses. While the ultimate outcome of current legal proceedings cannot be predicted with certainty, it is the opinion of management that the resolution of these legal actions should not have a material effect on Heartland's consolidated financial position or results of operations.

## ITEM 1A. RISK FACTORS

There have been no material changes in the risk factors applicable to Heartland from those disclosed in Part I, Item 1A. "Risk Factors" in Heartland's 2014 Annual Report on Form 10-K. Please refer to that section of Heartland's Form $10-\mathrm{K}$ for disclosures regarding the risks and uncertainties related to Heartland's business.

## ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

Heartland's board of directors has authorized management to acquire and hold up to 500,000 shares of common stock as treasury shares at any one time. Heartland and its affiliated purchasers made no purchases of its common stock during the nine months ended September 30, 2015.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable

ITEM 5. OTHER INFORMATION

None.

ITEM 6. EXHIBITS

Exhibits
3.1 Amendment to Certificate of Incorporation of Heartland Financial USA, Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Quarterly Report on Form 10-Q filed on August 6, 2015).
Agreement and Plan of Merger among Heartland Financial USA, Inc., Premier Valley Bank and, following
10.1 its organization, PV Acquisition Bank dated May 28, 2015 (incorporated by reference to Exhibit 2.1 to the Registrant's Current Report on Form 8-K filed on May 29, 2015).
Promissory Note between Heartland Financial USA, Inc. and Bankers Trust Company dated June 14, 2015
10.2 (incorporated by reference to Exhibit 10.2 to the Registrant's Quarterly Report on Form 10-Q filed on August 6, 2015).
Merger Agreement among Heartland Financial USA, Inc., CIC Bancshares, Inc. and Kevin W. Ahern, as Securityholders' Representative dated October 22, 2015.
$31.1{ }^{(1)}$ Certification of Chief Executive Officer pursuant to Rule 13a-14(a)/15d-14(a).
(1) Certification of Chief Financial Officer pursuant to Rule 13a-14(a)/15d-14(a). Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
Financial statement formatted in Extensible Business Reporting Language: (i) the Consolidated Balance Sheets, (ii) the Consolidated Statements of Income, (iii) the Consolidated Statements of Comprehensive Income, (iv) the Consolidated Statements of Cash Flows, (v) the Consolidated Statements of Changes in Equity, and (vi) the Notes to Consolidated Financial Statements.
(1) Filed herewith

## 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 there unto duly authorized.

HEARTLAND FINANCIAL USA, INC.<br>(Registrant)<br>Principal Executive Officer<br>/s/ Lynn B. Fuller<br>By: Lynn B. Fuller<br>Chairman and Chief Executive Officer<br>Principal Financial and Accounting Officer<br>/s/ Bryan R. McKeag<br>By: Bryan R. McKeag<br>Executive Vice President and Chief Financial Officer

Dated: November 6, 2015

