Northwest Bancshares, Inc.
Form 10-K
February 29, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K
x Annual Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.
For the Fiscal Year Ended December 31, 2015
OR
o Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.
For the transition period from $\qquad$ to $\qquad$
Commission File No. 001-34582
NORTHWEST BANCSHARES, INC.
(Exact name of registrant as specified in its charter)

Maryland
(State or other jurisdiction of incorporation or organization)

100 Liberty Street, Warren, Pennsylvania
(Address of Principal Executive Offices)
(814) 726-2140
(Registrant's telephone number)
Securities Registered Pursuant to Section 12(b) of the Act:
Title of each class
Common Stock, \$0.01 Par Value

27-0950358
(I.R.S. Employer Identification Number)

16,365
(Zip Code)

Securities Registered Pursuant to Section 12(g) of the Act:
None
Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. YES x NO o
Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. YES o NO x
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 twelve months (or for such shorter period that the Registrant was required to file such reports) and (2) has been subject to such requirements for the past 90 days. YES $x$ NO o
Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of Registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. o.
Indicate by check mark whether the registrant 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 definition of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):
Large Accelerated Filer x Accelerated Filer o Non-Accelerated Filer o Smaller reporting company o

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES o NO x
As of February 12, 2016, there were $101,775,187$ shares outstanding of the Registrant's Common Stock.
The aggregate market value of the voting and non-voting common equity held by non-affiliates of the Registrant, computed by reference to the last sale price on June 30, 2015, as reported by the Nasdaq Global Select Market, was approximately $\$ 1.215$ billion.
DOCUMENTS INCORPORATED BY REFERENCE
Proxy Statement for the 2016 Annual Meeting of Stockholders of the Registrant (Part III).
Table of Contents
TABLE OF CONTENTS
PART I
ITEM 1. BUSINESS ..... 2
ITEM 1A. RISK FACTORS ..... 15
ITEM 1B. UNRESOLVED STAFF COMMENTS ..... $\underline{22}$
ITEM 2. PROPERTIES ..... $\underline{22}$
ITEM 3. LEGAL PROCEEDINGS ..... $\underline{22}$
ITEM 4. MINE SAFETY DISCLOSURES ..... $\underline{22}$
PART II ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EOUITY SECURITIES
ITEM 6. SELECTED FINANCIAL DATA ..... $\underline{25}$
ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINACIAL CONDITION AND RESULTS OF OPERATIONS ..... $\underline{26}$
ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK ..... $\underline{52}$
ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA ..... $\underline{56}$
ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE ..... 124
ITEM 9A. CONTROLS AND PROCEDURES ..... 124
ITEM 9B. OTHER INFORMATION ..... 124
PART III
ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE ..... 124
ITEM 11. EXECUTIVE COMPENSATION ..... $\underline{124}$
ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND ..... 124
MANAGEMENT AND RELATED STOCKHOLDER MATTERS
ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS AND DIRECTOR INDEPENDENCE ..... $\underline{125}$
ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES ..... 125
PART IV

## ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES 125

SIGNATURES $\underline{128}$
EX - 23
EX - 31.1
EX - 31.2
EX - 32
EX - 101

## Table of Contents

## FORWARD-LOOKING STATEMENTS

This document contains forward-looking statements, which can be identified by the use of words such as "estimate," "project," "believe," "intend," "anticipate," "plan," "seek," "expect" and words of similar meaning. These forward-looking sta include, but are not limited to:
statements of our goals, intentions and expectations;
statements regarding our business plans, prospects, growth and operating strategies;
statements regarding the asset quality of our loan and investment portfolios; and
estimates of our risks and future costs and benefits.
These forward-looking statements are based on current beliefs and expectations of our management and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control. In addition, these forward-looking statements are subject to assumptions with respect to future business strategies and decisions that are subject to change.

The following factors, among others, could cause actual results to differ materially from the anticipated results or other expectations expressed in the forward-looking statements:
changes in laws or government regulations or policies affecting financial institutions, including changes in regulatory fees and capital requirements;
general economic conditions, either nationally or in our market areas, that are worse than expected;
competition among depository and other financial institutions;
inflation and changes in the interest rate environment that reduce our margins or reduce the fair value of financial instruments;
adverse changes in the securities and credit markets;
our ability to enter new markets successfully and capitalize on growth opportunities;
our ability to successfully integrate acquired entities;
changes in consumer spending, borrowing and savings habits;
our ability to continue to increase and manage our business and personal loans;
possible impairments of securities held by us, including those issued by government entities and government
sponsored enterprises;
the impact of the economy on our loan portfolio (including cash flow and collateral values), investment
portfolio, customers and capital market activities;
the impact of the current governmental effort to restructure the U.S. financial and regulatory system; changes in the financial performance and/or condition of our borrowers; and the effect of changes in accounting policies and practices, as may be adopted by the regulatory agencies, as well as the Securities and Exchange Commission, the Public Company Accounting Oversight Board, the Financial Accounting Standards Board and other accounting standard setters.

Because of these and other uncertainties, our actual future results may be materially different from the results indicated by these forward-looking statements. Please see "Item 1A. Risk Factors."

Except as may be required by law, we disclaim any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

## Table of Contents

## ITEM 1.

## BUSINESS

Northwest Bancshares, Inc.
Northwest Bancshares, Inc., a Maryland corporation, was incorporated in September 2009 to be the successor corporation to Northwest Bancorp, Inc., the former stock holding company for Northwest Bank, upon completion of the mutual-to-stock conversion of Northwest Bancorp, MHC. The terms "Northwest", "the Company", "we", "us" and "our" refer to Northwest Bancshares, Inc.

The conversion was completed December 18, 2009 when the Company sold $68,878,267$ shares of common stock at $\$ 10.00$ per share in the related offering. Concurrent with the completion of the offering, shares of Northwest Bancorp, Inc. common stock owned by public stockholders were exchanged for 2.25 shares of Northwest Bancshares, Inc.'s common stock. We also issued $1,277,565$ shares of common stock and contributed $\$ 1.0$ million in cash from the offering proceeds to Northwest Charitable Foundation, a charitable foundation that we established for the benefit of the communities in which Northwest Bank operates. As of December 31, 2015, the Company had $101,871,737$ shares outstanding and a market capitalization of approximately $\$ 1.346$ billion.

On August 14, 2015, we acquired LNB Bancorp, Inc. ("LNB"), the parent company of The Lorain National Bank, for total consideration of $\$ 181.0$ million, and thereby acquired LNB's 21 branch locations in the counties of Lorain, Cuyahoga and Summit in northeastern Ohio. We acquired assets with a fair value of $\$ 1.211$ billion, including investment securities with a fair value of $\$ 184.2$ million, loans with a fair value of $\$ 928.1$ million, and we assumed deposits of $\$ 1.034$ billion and borrowings of $\$ 63.2$ million. The acquisition of LNB enables us to expand our northeastern Ohio presence, improve our core deposit base, and add additional scale in our banking operations. The result of LNB's operations are included in the Consolidated Statements of Income from the date of acquisition. Under the terms of the merger agreement, each outstanding share of LNB stock was converted into the right to receive either 1.461 shares of common stock of the Company, or $\$ 18.70$ in cash. As a result, LNB stockholders received 7,056,074 shares of Company common stock, valued at $\$ 90.6$ million, based on the $\$ 12.84$ closing price of the Company's stock on August 14,2015 , and cash consideration of $\$ 90.4$ million.

Our executive offices are located at 100 Liberty Street, Warren, Pennsylvania 16365. Our telephone number at this address is (814) 726-2140.

The Company's website (www.northwest.com) contains a direct link to Northwest Bancshares, Inc.'s and its predecessor Northwest Bancorp, Inc.'s filings with the Securities and Exchange Commission, including copies of annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to these filings, if any. Information on our website shall not be considered a part of this report. Copies may also be obtained, without charge, by written request to Shareholder Relations, P.O. Box 128, Warren, Pennsylvania 16365.

## Northwest Bank

Northwest Bank is a Pennsylvania-chartered stock savings bank headquartered in Warren, Pennsylvania, which is located in northwestern Pennsylvania. Northwest Bank is a community-oriented financial institution offering personal and business banking solutions, investment management and trust services and insurance products. Through a wholly-owned subsidiary, Northwest Consumer Discount Company, it also offers consumer finance loans. Northwest Bank's mutual savings bank predecessor was founded in 1896.

As of December 31, 2015, Northwest Bank operated 181 community-banking locations throughout its market area in central and western Pennsylvania, western New York, eastern Ohio and Maryland. Northwest Consumer Discount Company operates 51 consumer finance offices in Pennsylvania. Northwest Bank also offers investment management
and trust services and through wholly-owned subsidiaries, actuarial and benefit plan administration services, as well as property and casualty and employer benefit plan insurance. Our principal lending activities are the origination of loans secured by first mortgages on owner-occupied, one-to-four-family residences, shorter term consumer loans, and commercial business and commercial real estate loans.

Our principal sources of funds are personal and business deposits, borrowed funds and the principal and interest payments on loans and marketable securities. Our principal source of income is interest received on loans and marketable securities. Our principal expenses are the cost of employee compensation and benefits and the interest paid on deposits and borrowed funds.

Northwest Bank's principal executive office is located at 100 Liberty Street, Warren, Pennsylvania, and its telephone number at that address is (814) 726-2140.

2

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## Table of Contents

## Market Area and Competition

We are headquartered in Warren, Pennsylvania, which is located in northwestern Pennsylvania, and have our highest concentration of deposits and loans in this area. Since the early 1990s, we have expanded, primarily through acquisitions, into the southwestern and central regions of Pennsylvania, as well as western New York, northeastern Ohio and Maryland. As of December 31, 2015, we operated 133 community banking locations and 51 consumer finance offices in Pennsylvania, 25 community banking offices in Ohio, 19 community banking offices in New York and four community banking offices in Maryland. All of the aforementioned market areas are served by a number of competing financial institutions. As a result, we encounter strong competition both in attracting deposits and in originating personal and business loans. Our most direct competition for deposits comes from commercial banks, brokerage houses, other thrift institutions and credit unions in our market areas. We expect continued competition from these financial institutions in the foreseeable future. With the continued acceptance of internet banking by our customers and consumers generally, competition for deposits has increased from institutions operating outside of our market area as well as from insurance companies.

The following description of our market area is based upon information obtained from SNL Securities, the Bureau of Labor Statistics, The Federal Housing Financial Agency and the Mortgage Bankers Association.

Pennsylvania Market Area. Our retail branch network within the state of Pennsylvania encompasses 28 counties. In addition, through our consumer finance offices we operate in 12 additional counties in the state. Our western Pennsylvania market has a diverse economy driven by healthcare and education industries, service businesses, technology companies and small manufacturing operations. Our southeastern Pennsylvania market is primarily driven by service businesses but also serves as a bedroom community to the cities of Baltimore, Maryland and Philadelphia, Pennsylvania.

Pennsylvania is a stable banking market with a total population of approximately 12.8 million and total households of approximately 5.1 million as of December 31 , 2015. The Pennsylvania markets in which we operate our retail branch and consumer finance offices contain more than half of Pennsylvania's population and a similar percentage of households. These markets have experienced a $1.2 \%$ decrease in population between 2010 and 2015. As of December 31, 2015, the markets' average median household income increased over the last year by $5.3 \%$, to $\$ 49,585$, compared to the national median income level of $\$ 55,551$. However, the household income growth rate in Pennsylvania is projected to increase above the expected national average growth rates during the next five years by approximately $4.1 \%$. As of December 31, 2015, the unemployment rate for the state of Pennsylvania was $4.8 \%$, slightly below the national average of $5.0 \%$.

As of September 30, 2015 the House Price Index for the last four quarters in the state of Pennsylvania increased by $2.6 \%$, compared to an increase in the national average of $5.7 \%$. Foreclosures have receded from their record highs to the lowest levels since the third quarter of 2007. As of September 30, 2015, the foreclosure rate for mortgage loans on one-to-four unit residential properties in the state of Pennsylvania was $2.3 \%$, compared to the national average of $1.9 \%$.

Western New York Market Area. Our retail branch network in New York encompasses five counties in the western portion of the state. This market has a diverse economy driven by healthcare and education industries,service businesses, technology companies and small manufacturing operations.

Our New York market area has a total population of approximately 2.1 million and total households of approximately 874,000 as of December 31, 2015. This area has experienced a decrease in population between 2010 and 2015, of $0.9 \%$. The average median household income in this market increased by $5.4 \%$ over the last year to $\$ 48,642$ as of

December 31, 2015, compared to the national median income level of $\$ 55,551$. As of December 31, 2015 the unemployment rate for our New York market area was $4.8 \%$, compared to the national average of $5.0 \%$.

As of September 30, 2015 the House Price Index for the last four quarters in our New York market increased by $2.1 \%$, compared to an increase in the national average of $5.7 \%$. As of September 30, 2015, the foreclosure rate for mortgage loans on one-to-four unit residential properties in the state of New York was $4.8 \%$, compared to the national average of $1.9 \%$.

Northeastern Ohio Market Area. With the acquisition of LNB our retail branch network increased from four to 25 community banking offices, which encompasses five counties in northeastern Ohio, including the Cleveland metro area. The major employment sectors in this market are similar to the contiguous market in western Pennsylvania.

Our Ohio market area has a total population of approximately 2.4 million and total households of approximately 1.0 million as of December 31, 2015. This area has experienced an increase in population between 2010 and 2015, of $1.0 \%$. The median household income for the counties in which we conduct business in Ohio was $\$ 55,533$ as of December 31, 2015, compared

3

## Table of Contents

to the national median income level of $\$ 55,551$. As of December 31, 2015 the unemployment rate for our Ohio market was $4.3 \%$, below the national average of $5.0 \%$.

As of September 30, 2015 the House Price Index for the last four quarters in our Ohio market area increased by 3.9\%, compared to an increase in the national average of $5.7 \%$. As of September 30, 2015, the foreclosure rate for mortgage loans on one-to-four unit residential properties in the state of Ohio was $2.3 \%$, compared to the national average of $1.9 \%$.

Maryland Market Area. We operate four community banking offices in Baltimore and Howard counties in Maryland. The economy in these two counties consists primarily of service businesses, industries related to government, and heath care. This market has an expanding population base, as well as median household income levels and projected income growth rates comparable to or exceeding the state and national averages as of December 31, 2015. As of December 31, 2015 the unemployment rate for our Maryland market was $4.5 \%$, compared to the national average of 5.0\%.

As of September 30, 2015 the House Price Index for the last four quarters for our Maryland market area increased by $2.1 \%$, compared to an increase in the national average of $5.7 \%$. As of September 30, 2015 the foreclosure rate in the state of Maryland was $2.5 \%$, compared to the national average of $1.9 \%$.

## Lending Activities

General. Our principal lending activities are the origination of fixed-rate and, to a lesser extent, adjustable-rate mortgage loans collateralized by one-to-four-family residential real estate, shorter term consumer loans and the origination of loans collateralized by multi-family residential and commercial real estate and commercial business loans. Generally, we focus our lending activities in the geographic areas where we maintain offices.

In an effort to manage interest rate risk, we have sought to make our interest-earning assets more interest rate sensitive by originating adjustable-rate loans, such as adjustable-rate residential mortgage loans and home equity lines of credit, and by originating short-term and medium-term fixed-rate consumer loans. In recent years we have emphasized the origination of commercial real estate loans and commercial business loans, which generally have adjustable rates of interest and shorter maturities than one-to-four-family residential real estate loans. We also purchase mortgage-backed securities and other types of investment securities that generally have short average lives and/or adjustable interest rates. Because we originate a substantial amount of long-term fixed-rate mortgage loans collateralized by one-to-four-family residential real estate, when possible, we originate and underwrite loans according to standards that allow us to sell them into the secondary mortgage market for purposes of managing interest-rate risk and liquidity. The sale of mortgage loans supports our strategy to grow the consumer and commercial loan portfolios by more than our portfolio of long-term fixed rate residential mortgage loans. We currently sell low-yielding fixed rate residential mortgage loans with maturities of more than 15 years, and on a more limited basis, those with maturities of 15 years or less, while retaining all adjustable rate residential mortgage loans. Although we sell a portion of the residential mortgage loans that we originate, we continue to be a portfolio lender, and at any one time hold few loans identified as held-for-sale. We currently retain servicing on the mortgage loans we sell which generates monthly service fee income. We generally retain in our portfolio all consumer loans that we originate while we periodically sell participations in the multi-family residential, commercial real estate or commercial business loans that we originate in an effort to reduce the concentration of certain individual credits and the risk associated with certain businesses, industries or geographies.

Residential Mortgage Loans. We offer residential mortgage loans with terms typically ranging from 15 to 30 years, with either fixed or adjustable interest rates. Originations of fixed rate residential mortgage loans versus adjustable rate residential mortgage loans are monitored on an ongoing basis. The percentage of adjustable rate residential
mortgage originations to total originations is affected significantly by the level of market interest rates, customer preference, our interest rate sensitivity and liquidity position, as well as loan products offered by our competitors. Therefore, even when our strategy is to increase the origination of adjustable rate residential mortgage loans, market conditions may be such that there is greater demand for fixed rate mortgage loans. Adjustable rate residential mortgage loans totaled $\$ 40.1$ million, or $0.5 \%$, of our gross loan portfolio at December 31, 2015.

Our fixed rate residential mortgage loan products offer fixed rates for up to 30 years. Whenever possible, our fixed rate residential mortgages are originated and underwritten according to secondary mortgage market guidelines in order to manage credit risk, as well as interest rate risk and liquidity. Our adjustable rate residential mortgage loans offer initial interest rate adjustment periods of one, three, and five years, terms up to 30 years and adjustments based on changes in designated market indices. All of our residential mortgage loans are amortized on a monthly basis with both principal and interest due monthly.

Regulations limit the amount that a savings bank may lend relative to appraised values of real estate securing the loans, as determined by an appraisal at the time of loan origination. Appraisals are performed by in-house appraiser staff or by appraisers deemed qualified by our chief appraiser. Such regulations permit a maximum loan-to-value of $95 \%$ for residential properties and

4

## Table of Contents

$80 \%$ for all other real estate secured loans. We generally limit the maximum loan-to-value on both fixed- and adjustable-rate residential mortgage loans without private mortgage insurance, to $80 \%$ of the lesser of appraised values or purchase prices of real estate serving as collateral for our mortgage loans. Limited special financing programs allow for insured loans with loan-to-value ratios of up to $97 \%$, and uninsured loans with loan-to-value ratios up to $90 \%$. We require fire and casualty insurance, as well as a title guaranty regarding good title, on all properties securing our residential mortgage loans. We also require flood insurance for loans secured by properties located within special flood hazard areas.

Included in our $\$ 2.741$ billion portfolio of residential mortgage loans are construction loans of $\$ 16.1$ million, or $0.1 \%$ of our gross loan portfolio. We offer fixed-rate and adjustable-rate residential construction loans primarily for the construction of owner-occupied one-to-four-family residences in our market area to builders or to owners who have a contract for construction. Construction loans are generally structured to become permanent mortgages, and are originated with terms of up to 30 years with an allowance of up to one year for construction. Advances are made as construction is completed. In addition, we originate loans within our market area that are secured by individual unimproved or improved lots. Land loans for the construction of owner-occupied residential real estate properties are currently offered with fixed-rates for terms of up to 10 years. The maximum loan-to-value ratio for these loans is $80 \%$ of the as-completed appraised value, and the maximum loan-to-value ratio for construction loans is $95 \%$ of the lower of cost to build or as-completed appraised value. Construction lending generally involves a greater degree of credit risk than permanent residential mortgage lending, as repayment of construction loans is often dependent upon the successful completion of construction projects. Construction delays or the inability of borrowers to sell properties once construction is completed may impair borrowers' ability to repay loans. Private mortgage insurance is required for construction loans with loan-to-value ratios in excess of $80 \%$.

Our residential mortgage loans customarily include due-on-sale clauses, which are provisions giving us the right to declare loans immediately due and payable in the event, among other things, borrowers sell or otherwise dispose of underlying real properties serving as collateral for loans.

Some financial institutions we have acquired have held loans that are serviced by others and are secured by one-to-four-family residences. At December 31, 2015, our portfolio of residential mortgage loans serviced by others totaled $\$ 3.5$ million. We currently have no plans to enter into new residential mortgage loan participations.

Home Equity Loans. Generally, our home equity loans are secured by the borrower's principal residence with a maximum loan-to-value ratio, including the principal balances of both the first and second mortgage loans, of $90 \%$ or less. Home equity loans are offered on a fixed rate basis with terms of up to 20 years. Home equity lines of credit are offered on an adjustable-rate basis with terms of up to 25 years. All home equity lines of credit are underwritten assuming the borrower is required to immediately begin making principal and interest payments using the current rates on our equivalent fixed rate products. At December 31, 2015, the disbursed portion of home equity lines of credit totaled $\$ 462.0$ million, or $6.2 \%$ of gross loans, with $\$ 198.8$ million remaining undisbursed, and our fixed-rate home equity loans totaled $\$ 725.1$ million, or $9.8 \%$ of gross loans. We generally underwrite home equity loans and lines of credit in a manner similar to our underwriting of residential mortgage loans.

Other Consumer Loans. The principal types of other consumer loans we offer are direct and indirect automobile loans, sales finance loans, unsecured personal loans, credit card loans, and loans secured by deposit accounts. These loans are typically offered with maturities of ten years or less.

The underwriting standards we employ for consumer loans include a determination of the applicant's credit history and an assessment of ability to meet existing obligations and payments on the proposed loan. The stability of the applicant's monthly income may be determined by verification of gross monthly income from primary employment, and additionally, from any verifiable secondary income. Creditworthiness of the applicant is of primary
consideration; however, the underwriting process also includes a comparison of the value of the collateral in relation to the proposed loan amount.

Consumer loans entail greater credit risk than residential mortgage loans, particularly in the case of consumer loans that are unsecured or secured by assets that depreciate rapidly, such as automobiles, mobile homes, boats, recreation vehicles, appliances and furniture. In such cases, repossessed collateral for a defaulted consumer loan may not provide an adequate source of repayment for the outstanding loan and the remaining deficiency often does not warrant further substantial collection efforts against the borrower. In particular, amounts realizable on the sale of repossessed automobiles may be significantly reduced based upon the condition of the automobiles and the lack of demand for used automobiles. At December 31, 2015, other consumer loans totaled $\$ 510.6$ million, or $6.9 \%$ of gross loans.

Commercial Real Estate Loans. Our multi-family commercial real estate loans are secured by multi-family residences, such as rental properties. Our commercial real estate loans are secured by nonresidential properties such as hotels, commercial offices, manufacturing facilities and retail establishments. At December 31, 2015, a significant portion of our multi-family commercial real estate and commercial real estate loans were secured by properties located within our market area. Our largest

5

## Table of Contents

multi-family commercial real estate loan relationship at December 31, 2015 had a principal balance of $\$ 40.5$ million, and was secured by eight multi-family residential properties. This loan was performing in accordance with its terms as of December 31, 2015. Our largest commercial real estate loan relationship at December 31, 2015, had a principal balance of $\$ 84.6$ million and was secured by 18 commercial real estate properties including hotels, office and retail space. These loans were performing in accordance with their terms as of December 31, 2015. Multi-family commercial and commercial real estate loans are offered with both adjustable interest rates and fixed interest rates. The terms of each multi-family residential and commercial real estate loan are negotiated on a case-by-case basis. We generally originate multi-family commercial and commercial real estate loans in amounts up to $80 \%$ of the appraised value of the property collateralizing the loan.

Loans secured by multi-family commercial and commercial real estate generally involve a greater degree of credit risk than residential mortgage loans and carry larger loan balances. This increased credit risk is a result of several factors, including the concentration of principal in a limited number of loans and borrowers, the effects of general economic conditions on income producing properties, and the increased difficulty of evaluating and monitoring these types of loans. Furthermore, the repayment of loans secured by multi-family commercial and commercial real estate is typically dependent upon the successful operation of the related real estate property. If the cash flow from the project is reduced, the borrower's ability to repay the loan may be impaired.

Commercial Loans. We offer commercial loans to finance various activities in our market area, some of which are secured in part by additional real estate collateral. At December 31, 2015 our largest commercial loan relationship had a principal balance of $\$ 20.0$ million, and was secured by equipment and real estate. This loan was performing in accordance with its terms as of December 31, 2015.

Commercial business loans are offered with both fixed and adjustable interest rates. Underwriting standards we employ for commercial business loans include a determination of the applicant's ability to meet existing obligations and payments on the proposed loan from operating cash flows generated by the applicant's business. The financial strength of each applicant also is assessed through a review of financial statements provided by the applicant.

Commercial loans generally have higher interest rates than residential loans, but they also may involve a higher risk of default since their repayment is generally dependent on the successful operation of the borrower's business. We generally obtain personal guarantees from the borrower or a third party as a condition to originating commercial loans.

Loan Originations, Solicitation, Processing and Commitments. Upon receiving a retail loan application, we obtain a credit report and employment verification to verify specific information relating to the applicant's employment, income, and credit standing. In the case of a real estate loan, either an in-house appraiser, or an approved external appraiser, appraises the real estate intended to secure the proposed loan. A loan processor checks the loan document file for accuracy and completeness, and verifies the information provided.

For our personal loans, including residential mortgage loans, home equity loans and lines of credit, automobile loans, credit cards and other unsecured loans, we have implemented a credit approval process based on a laddered individual loan authority system. Real estate secured loans are underwritten by our licensed mortgage loan originators. Non-real estate loans are underwritten by local loan officers who are granted various levels of authority based on their lending experience and expertise. These authority levels are reviewed by the Credit Committee on at least an annual basis. As part of the approval process, we assign independent credit officers to review the creditworthiness of all loans exceeding $\$ 500,000$. If the credit officer has concerns regarding a loan that has been approved at a specific level, they have the authority to request that the loan be reviewed and approved at the next higher level.

Our commercial loan policy assigns lending limits for our various commercial loan officers and stacked authorities for commercial loan officers with the approval of senior management. These individual and stacked authorities are
established by the Credit Committee. The Senior Loan Committee may approve extensions of credit in excess of the stacked loan authorities. The Credit Committee meets quarterly to review the assigned lending limits and to monitor our lending policies, loan activity, economic conditions and concentrations of credit.

Our general policy is to make no loans either individually or in the aggregate to one customer in excess of $\$ 20.0$ million. Under certain circumstances; for instance well qualified customers or customers with multiple individually qualified projects, this limit may be exceeded subject to the approval of the Senior Loan Committee. The Chief Credit Officer reviews any loans exceeding $\$ 20.0$ million or unusual loan requests with the Board of Directors. In addition, the Chief Credit Officer has the authority to require that the Board of Directors review any loan that has been approved by the Senior Loan Committee with which the Chief Credit Officer has specific concerns. Also, all loans originated during a calendar quarter of $\$ 5.0$ million or more are reported to the Risk Management Committee of the Board of Directors at the end of each quarter. Fire and casualty insurance is required at the time the loan is made and throughout the term of the loan, and flood insurance is required as determined by regulation. After the loan

## Table of Contents

is approved, a loan commitment letter is promptly issued to the borrower. At December 31, 2015, we had commitments to originate $\$ 186.7$ million of loans.

If the loan is approved, the commitment letter specifies the terms and conditions of the proposed loan including the amount of the loan, interest rate, amortization period, maturity, a description of the required collateral and required insurance coverage. The borrower must provide proof of fire and casualty insurance on the property (and, as required, flood insurance) serving as collateral, which insurance must be maintained during the full term of the loan. Property searches are requested, as needed, on all loans secured by real property.

Loan Origination Fees. We defer loan origination fees received from borrowers and costs to originate loans and amortize such amounts as an adjustment of yield over the life of the loan by using the level yield method. Deferred loan fees and costs are recognized as part of interest income immediately upon prepayment or the sale of the related loan. At December 31, 2015, we had $\$ 20.1$ million of net deferred loan origination costs. Loan origination fees vary with the volume and type of loans and commitments originated and purchased, principal repayments, and competitive conditions in the marketplace.

Income from net loan origination fees was $\$ 9.2$ million, $\$ 8.2$ million and $\$ 8.4$ million for the years ended December 31, 2015, 2014 and 2013, respectively.

Loans-to-One Borrower. As of December 31, 2015, the largest aggregate amount loaned to one borrower, or related borrowers, totaled $\$ 84.6$ million and was secured by 18 commercial real estate properties including hotels, office and retail space. Our second largest lending relationship totaled $\$ 65.3$ million and was secured by seven commercial office buildings. Our third largest lending relationship totaled $\$ 49.3$ million and was secured by eight commercial office buildings. Our fourth largest lending relationship totaled $\$ 44.8$ million and was secured by a residential development. Our fifth largest lending relationship totaled $\$ 40.5$ million and was secured by eight multi-family residential properties. All of these loans were performing in accordance with their terms at December 31, 2015.

## Investment Activities

Our Board of Directors has primary responsibility for establishing and overseeing our investment policy. The Board of Directors has delegated authority to implement the investment policy to our Chief Financial Officer. The investment policy is reviewed at least annually by the Chief Financial Officer, and any changes to the policy are subject to approval by the Board of Directors. The overall objectives of the Investment Policy are to maintain a portfolio of high quality and diversified investments, to provide liquidity, and to control interest rate risk while providing an acceptable return. The investment portfolio is also used to provide collateral for qualified deposits and borrowings, to provide additional earnings when loan production is low, and to reduce our tax liability. The policy dictates that investment decisions give consideration to the safety of principal, liquidity requirements and potential returns. Either our Chief Financial Officer executes our securities portfolio transactions or another designee executes transactions as directed by the Chief Financial Officer. All purchase and sale transactions are reported to the Board of Directors on a monthly basis.

Our investment policy does not permit the purchase of complex securities and derivatives as defined in federal banking regulations and other high-risk securities, nor does it permit additional investments in non-agency mortgage-backed securities, pooled trust preferred securities, or single issuer trust preferred securities.

At the time of purchase, we designate a security as either held-to-maturity or available-for-sale based upon our ability and intentions. Securities available-for-sale are reported at fair value and securities held to maturity are reported at amortized cost. A periodic review and evaluation of the available-for-sale and held-to-maturity securities portfolios is conducted to determine if the fair value of any security has declined below its carrying value and whether such decline
is other-than-temporary. If impairment exists, credit related impairment losses are recorded in earnings while noncredit related impairment losses are recorded in accumulated other comprehensive income (for available for sale securities). The fair values of our securities are based on published or securities dealers' market values, when available. See note 4 to the Consolidated Financial Statements for a detailed analysis and description of our investment portfolio and valuation techniques.

We purchase debentures and mortgage-backed securities that generally are issued by the Federal Home Loan Bank, Fannie Mae, Freddie Mac or Ginnie Mae. Historically, we invested in mortgage-backed securities to achieve positive interest rate spreads with minimal administrative expense and to lower our credit risk as a result of the guarantees provided by Freddie Mac, Fannie Mae or Ginnie Mae. However, in September 2008, the Federal Housing Finance Agency placed Freddie Mac and Fannie Mae into conservatorship. The U.S. Treasury Department has established financing agreements to ensure that Freddie Mac and Fannie Mae meet their obligations to holders of mortgage-backed securities that they have issued or guaranteed. These actions have not materially affected the markets for mortgage-backed securities issued by Freddie Mac or Fannie Mae.

## Table of Contents

Sources of Funds
General. Deposits are the major source of our funds for lending and other investment purposes. In addition to deposits, we derive funds from the amortization and prepayment of loans and mortgage-backed securities, the maturity of investment securities, operations and, if needed, borrowings. Scheduled loan principal repayments are a relatively stable source of funds, while deposit inflows and outflows and loan prepayments are influenced significantly by general interest rates and market conditions. Borrowings may be used on a short-term basis to compensate for reductions in the availability of funds from other sources or on a longer term basis for general business purposes, including to manage interest rate risk.

Deposits. Personal and business deposits are generated from our market area by offering a broad selection of deposit instruments including checking accounts, savings accounts, money market deposit accounts, term certificate accounts and individual retirement accounts. While we accept deposits of $\$ 250,000$ or more, we do not offer premium rates for such deposits. We accept brokered deposits through the CDARS program, but generally do not solicit funds outside our market area. As of December 31, 2015, we had deposits through the CDARS program with an aggregate balance of $\$ 50.1$ million. Deposit account terms vary according to the minimum balance required, the period of time during which the funds must remain on deposit, and the interest rate, among other factors. We regularly execute changes in our deposit rates based upon general market interest rates, competition, and liquidity requirements.

Borrowings. We also rely upon borrowings to supplement our supply of lendable funds and to meet deposit withdrawal requirements. Borrowings from the Federal Home Loan Bank of Pittsburgh typically are collateralized by a portion of our real estate loans. In addition to the Federal Home Loan Bank of Pittsburgh, we have borrowing facilities with the Federal Reserve Bank, two correspondent banks and we borrow funds, in the form of corporate repurchase agreements, from municipalities, corporations and school districts.

The Federal Home Loan Bank of Pittsburgh functions as a central bank providing credit for Northwest Bank and other member financial institutions. As a member, Northwest Bank is required to own capital stock in the Federal Home Loan Bank of Pittsburgh and is authorized to apply for borrowings on the security of certain of its real estate loans, provided certain standards related to creditworthiness have been met. Borrowings are made pursuant to several different programs. Each credit program has its own interest rate and range of maturities. Depending on the program, limitations on the amount of borrowings are based either on a fixed percentage of a member institution's net worth or on the Federal Home Loan Bank of Pittsburgh's assessment of the institution's creditworthiness. All of our Federal Home Loan Bank of Pittsburgh borrowings currently have fixed interest rates and original maturities of between one day and ten years.

## Subsidiary Activities

Northwest Bancshares, Inc.'s sole direct consolidated subsidiary is Northwest Bank. Northwest Bancshares, Inc. also owns all of the common stock of three statutory business trusts: Northwest Bancorp Capital Trust III, a Delaware statutory business trust, Northwest Bancorp Statutory Trust IV, a Connecticut statutory business trust, and LNB Trust II, a Delaware statutory business trust (the "Trusts"). The Trusts have issued a total of $\$ 107.9$ million of trust preferred securities. The Trusts are not consolidated with Northwest Bancshares, Inc. At December 31, 2015, Northwest Bancshares, Inc.'s investment in the Trusts totaled $\$ 3.3$ million, and the Trusts had assets of $\$ 111.2$ million.

Northwest Bank has nine wholly-owned subsidiaries - Northwest Settlement Agency, LLC, Great Northwest Corporation, Northwest Financial Services, Inc., Northwest Advisors, Inc., Northwest Consumer Discount Company, Inc., Allegheny Services, Inc., Boetger and Associates, Inc., Northwest Capital Group, Inc., and The Bert Company. For financial reporting purposes all of these companies are included in the consolidated financial statements of Northwest Bancshares, Inc.

Northwest Settlement Agency, LLC provides title insurance to borrowers of Northwest Bank and other lenders. At December 31, 2015, Northwest Bank had an equity investment in Northwest Settlement Agency, LLC of \$3.7 million. For the year ended December 31, 2015, Northwest Settlement Agency, LLC had net income of \$285,000.

Great Northwest Corporation holds equity investments in government-assisted, low-income housing projects in various locations throughout our market area. At December 31, 2015, Northwest Bank had an equity investment in Great Northwest Corporation of $\$ 10.2$ million. For the year ended December 31, 2015, Great Northwest Corporation had net income of $\$ 860,000$, generated primarily from federal low-income housing tax credits.

Northwest Financial Services, Inc. provides retail brokerage services. At December 31, 2015, Northwest Bank had an equity investment in Northwest Financial Services, Inc. of $\$ 9.1$ million, and for the year ended December 31, 2015, Northwest Financial Services, Inc. had net income of $\$ 479,000$.

8

## Table of Contents

Northwest Advisors, Inc., a federally registered investment advisor ("RIA") provides investment management programs and investment portfolio planning services. At December 31, 2015, Northwest Bank had an equity investment in Northwest Advisors, Inc. of $\$ 2.2$ million, and for the year ended December 31, 2015, Northwest Advisors, Inc. had a net loss of \$139,000.

Northwest Consumer Discount Company, Inc. operates 51 consumer finance offices throughout Pennsylvania. At December 31, 2015, Northwest Bank had an equity investment in Northwest Consumer Discount Company of \$44.3 million and the net income of Northwest Consumer Discount Company, Inc. for the year ended December 31, 2015 was $\$ 1.6$ million.

Allegheny Services, Inc. is a Delaware investment company that holds mortgage loans originated through our wholesale lending operation as well as municipal bonds. In addition, Allegheny Services, Inc. funds the operation of the Northwest Consumer Discount Company through an intercompany loan relationship. At December 31, 2015, Northwest Bank had an equity investment in Allegheny Services, Inc. of $\$ 762.4$ million, and for the year ended December 31, 2015, Allegheny Services, Inc. had net income of $\$ 17.9$ million.

Boetger and Associates, Inc. (doing business as Northwest Retirement Services) is an actuarial and employee benefits consulting firm that specializes in the design, implementation and administration of qualified and non-qualified retirement plan programs. At December 31, 2015, Northwest Bank had an equity investment of $\$ 2.7$ million in Boetger and Associates, Inc. and for the year ended December 31, 2015, Boetger and Associates, Inc. had net income of $\$ 85,000$.

Northwest Capital Group, Inc's principal activity is to own, operate and ultimately divest of properties that were acquired in foreclosure. At December 31, 2015, Northwest Bank had an equity investment of $\$ 11.8$ million in Northwest Capital Group, Inc. which reported net income of \$264,000 for the year ended December 31, 2015.

The Bert Company (doing business as Northwest Insurance Services) is an employee benefits and property and casualty insurance agency specializing in commercial and personal insurance as well as retirement benefit plans. At December 31, 2015, Northwest Bank had an equity investment of $\$ 8.9$ million in The Bert Company and for the year ended December 31, 2015, The Bert Company had net income of \$964,000.

Federal regulations require insured institutions to provide 30 days advance notice to the Federal Deposit Insurance Corporation ("FDIC") before establishing or acquiring a subsidiary or conducting a new activity in a subsidiary. The insured institution must also provide the FDIC such information as may be required by applicable regulations and must conduct the activity in accordance with the rules and orders of the FDIC. In addition to other enforcement and supervision powers, the FDIC may determine after notice and opportunity for a hearing that the continuation of a savings bank's ownership of or relation to a subsidiary constitutes a serious risk to the safety, soundness or stability of the savings bank, or is inconsistent with the purposes of federal banking laws. Upon the making of such a determination, the FDIC may order the savings bank to divest the subsidiary or take other actions.

Personnel
As of December 31, 2015, we had 2,007 full-time and 357 part-time employees. None of our employees are represented by a collective bargaining group. We believe we have a good working relationship with our employees.

## SUPERVISION AND REGULATION

General

Northwest Bank is a Pennsylvania-chartered savings bank and our deposit accounts are insured up to applicable limits by the FDIC under the Deposit Insurance Fund. Northwest Bank is subject to extensive regulation by the Department of Banking and Securities of the Commonwealth of Pennsylvania (the "Department of Banking"), as its chartering agency, and by the FDIC, as the insurer of its deposit accounts. Northwest Bank must file reports with the Department of Banking and the FDIC concerning its activities and financial condition in addition to obtaining regulatory approvals prior to entering into certain transactions including acquisitions of other financial institutions. Northwest Bank is examined periodically by the Department of Banking and the FDIC to test Northwest Bank's compliance with various laws and regulations. This regulation and supervision, as well as federal and state law, establishes a comprehensive framework of activities in which Northwest Bank may engage and is intended primarily for the protection of the FDIC insurance fund and depositors. The regulatory structure also gives the regulatory authorities extensive discretion in connection with their supervisory and enforcement activities and with their examination policies, including policies with respect to the classification of assets and the establishment of adequate loan loss reserves for regulatory purposes.

## Table of Contents

Any change in these laws or regulations, whether by the Department of Banking or the FDIC, could have a material adverse impact on the Company, Northwest Bank and their respective operations.

As a savings and loan holding company, we are required to comply with the rules and regulations of the Board of Governors of the Federal Reserve System (the "Federal Reserve Board"), and are also required to file certain reports with and are subject to examination by the Federal Reserve Board. We are also subject to the rules and regulations of the Securities and Exchange Commission under the federal securities laws.

Set forth below is a brief description of certain regulatory requirements that are applicable to Northwest Bank and Northwest Bancshares, Inc. The description below is limited to certain material aspects of the statutes and regulations addressed, and is not intended to be a complete description of such statutes and regulations and their effects on Northwest Bank and Northwest Bancshares, Inc.

## Pennsylvania Savings Bank Law

The Pennsylvania Banking Code of 1965, as amended (the "Banking Code") contains detailed provisions governing the organization, operations, corporate powers, savings and investment authority, branching rights and responsibilities of directors, officers and employees of Pennsylvania savings banks. A Pennsylvania savings bank may locate or change the location of its principal place of business and establish an office anywhere in, or adjacent to, Pennsylvania, with the prior approval of the Department of Banking. The Banking Code delegates extensive rulemaking power and administrative discretion to the Department of Banking in its supervision and regulation of state-chartered savings banks.

The Department of Banking generally examines each savings bank not less frequently than once every two years. Although the Department of Banking may accept the examinations and reports of the FDIC in lieu of its own examination, the current practice is for the Department of Banking to conduct individual examinations. The Department of Banking may order any savings bank to discontinue any violation of law or unsafe or unsound business practice and may direct any director, officer, or employee of a savings bank engaged in a violation of law, unsafe or unsound practice or breach of fiduciary duty to show cause at a hearing before the Department of Banking why such person should not be removed. The Department of Banking may also appoint a receiver or conservator for an institution in appropriate cases.

The "Banking Law Modernization Package" was Pennsylvania legislation effective on December 24, 2012. The legislation was intended to update, simplify and modernize the banking laws of Pennsylvania and reduce regulatory burden where possible. The legislation, among other things, increased the threshold for investments in bank premises without Department of Banking approval from $25 \%$ of capital, surplus, undivided profits and capital securities to $100 \%$, eliminated archaic lending requirements and pricing restrictions and changed the procedure for Pennsylvania state chartered institutions closing a branch from an application for approval to a notice. The legislation also clarified the Department of Banking's examination and enforcement authority over subsidiaries of Pennsylvania institutions and authorized the assessment of civil money penalties of up to $\$ 25,000$ under certain circumstances for violations of laws or orders related to the institution or unsafe or unsound practices or breaches of fiduciary duties.

## Federal Deposit Insurance

The FDIC currently maintains the Deposit Insurance Fund (the "DIF"), which was created in 2006 through the merger of the Bank Insurance Fund and the Savings Association Insurance Fund. The deposit accounts of our subsidiary bank are insured by the DIF to the maximum amount provided by law. This insurance is backed by the full faith and credit of the United States Government.

As insurer, the FDIC is authorized to conduct examinations of and to require reporting by DIF-insured institutions. It also may prohibit any DIF-insured institution from engaging in any activity the FDIC determines by regulation or order to pose a serious threat to the DIF. The FDIC also has the authority to take enforcement actions against insured institutions.

The FDIC imposes assessments for deposit insurance on an insured institution quarterly according to its ranking in one of four risk categories based upon supervisory and capital evaluations. The assessment rate for an individual institution is determined according to a formula based on a weighted average of the institution's individual CAMELS component ratings plus various financial ratios. Well-capitalized institutions (generally those with CAMELS composite ratings of 1 or 2) are grouped in Risk Category I and their initial base assessment rate for deposit insurance is set at an annual rate of between 5 and 9 basis points of total assets less tangible equity. The initial base assessment rate for institutions in Risk Categories II, III and IV is set at annual rates of 14, 23 and 35 basis points, respectively. These initial base assessment rates are adjusted to determine an institution's final assessment rate based on its brokered deposits and unsecured debt. The adjustments include higher premiums for institutions that rely significantly on excessive amounts of brokered deposits, including CDARS, while providing a reduction for all institutions

## Table of Contents

for their unsecured debt. Total base assessment rates after adjustments range from 2.5 to 9 basis points for Risk Category I, 9 to 24 basis points for Risk Category II, 18 to 33 basis points for Risk Category III, and 30 to 45 basis points for Risk Category IV.

The FDIC has established $2.0 \%$ as the designated reserve ratio (DRR) of the DIF to insured deposits. The FDIC has adopted a plan under which it will meet the statutory minimum DRR of $1.35 \%$ by September 30, 2020, the deadline imposed by the Dodd-Frank Act. The Dodd-Frank Act requires the FDIC to offset the effect on institutions with assets less than $\$ 10$ billion of the increase in the statutory minimum DRR to $1.35 \%$ from the former statutory minimum of $1.15 \%$. The FDIC has not yet announced how it will implement this offset or how larger institutions will be affected by it.

In addition, all institutions with deposits insured by the FDIC are required to pay assessments to fund interest payments on bonds issued by the Financing Corporation, a mixed-ownership government corporation established to recapitalize a predecessor to the Deposit Insurance Fund. These assessments will continue until the Financing Corporation bonds mature in 2019.

Insurance of deposits may be terminated by the FDIC upon a finding that the institution has engaged or is engaging in unsafe and unsound practices, is in an unsafe or unsound condition to continue operations or has violated any applicable law, regulation, rule, order or condition imposed by the FDIC or written agreement entered into with the FDIC. The management of the Bank does not know of any practice, condition or violation that might lead to termination of deposit insurance.

## Capital Requirements

Federal regulations require federally insured depository institutions to meet several minimum capital standards: a common equity Tier 1 capital to risk-based assets ratio of $4.5 \%$, a Tier 1 capital to risk-based assets ratio of $6.0 \%$, a total capital to risk-based assets of $8.0 \%$, and a $4.0 \%$ Tier 1 capital to total assets leverage ratio. These capital requirements were effective January 1, 2015 and are the result of a final rule implementing recommendations of the Basel Committee on Banking Supervision and certain requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act").

In determining the amount of risk-weighted assets for purposes of calculating risk-based capital ratios, all assets, including certain off-balance sheet assets (e.g., recourse obligations, direct credit substitutes, residual interests) are multiplied by a risk weight factor assigned by the regulations based on the risks believed inherent in the type of asset. Higher levels of capital are required for asset categories believed to present greater risk. Common equity Tier 1 capital is generally defined as common stockholders' equity and retained earnings. Tier 1 capital is generally defined as common equity Tier 1 and additional Tier 1 capital. Additional Tier 1 capital includes certain noncumulative perpetual preferred stock and related surplus and minority interests in equity accounts of consolidated subsidiaries. Total capital includes Tier 1 capital (common equity Tier 1 capital plus additional Tier 1 capital) and Tier 2 capital. Tier 2 capital is comprised of capital instruments and related surplus, meeting specified requirements, and may include cumulative preferred stock and long-term perpetual preferred stock, mandatory convertible securities, intermediate preferred stock and subordinated debt. Also included in Tier 2 capital is the allowance for loan and lease losses limited to a maximum of $1.25 \%$ of risk-weighted assets and, for institutions that have exercised an opt-out election regarding the treatment of Accumulated Other Comprehensive Income, up to $45 \%$ of net unrealized gains on available-for-sale equity securities with readily determinable fair market values. Calculation of all types of regulatory capital is subject to deductions and adjustments specified in the regulations. In assessing an institution's capital adequacy, the FDIC takes into consideration, not only these numeric factors, but qualitative factors as well, and has the authority to establish higher capital requirements for individual institutions where deemed necessary.

Any institution that fails any of the regulatory capital requirements is subject to enforcement action by the FDIC. Such action may include a capital directive, a cease and desist order, civil money penalties, restrictions on an institution's operations, termination of federal deposit insurance, and the appointment of a conservator or receiver. Such action, through enforcement proceedings or otherwise, may require a variety of corrective measures.

In addition to establishing the minimum regulatory capital requirements, the regulations limit capital distributions and certain discretionary bonus payments to management if the institution does not hold a "capital conservation buffer" consisting of $2.5 \%$ of common equity Tier 1 capital to risk-weighted asset above the amount necessary to meet its minimum risk-based capital requirements. The capital conservation buffer requirement is being phased in beginning January 1, 2016 at $0.625 \%$ of risk-weighted assets and increasing each year until fully implemented at $2.5 \%$ on January 1, 2019.

11

## Table of Contents

The following table shows the Basel III regulatory capital levels that must be maintained to avoid limitations on capital distributions and discretionary bonus payments for the periods indicated:

Common equity Tier 1 ratio plus capital conservation buffer Tier 1 risk-based capital ratio plus capital conservation buffer Total risk-based capital ratio plus capital conservation buffer

| January 1, | January 1, | January 1, | January 1, |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2016 |  | 2017 |  | 2018 | 2019 |  |  |
| 5.125 | $\%$ | 5.75 | $\%$ | 6.375 | $\%$ | 7.00 | $\%$ |
| 6.625 | $\%$ | 7.25 | $\%$ | 7.875 | $\%$ | 8.50 | $\%$ |
| 8.625 | $\%$ | 9.25 | $\%$ | 9.875 | $\%$ | 10.50 | $\%$ |

Northwest Bank is also subject to capital guidelines of the Department of Banking. Although not adopted in regulation form, the Department of Banking requires $6 \%$ leverage capital and $10 \%$ risk-based capital. The components of leverage and risk-based capital are substantially the same as those defined by the FDIC.

## Prompt Corrective Action

Federal law requires, among other things, that federal bank regulators take "prompt corrective action" with respect to institutions that do not meet minimum capital requirements. For this purpose, the law establishes five capital categories: well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized and critically undercapitalized. The applicable FDIC regulations were amended to incorporate the previously mentioned increased regulatory capital standards that were effective January 1, 2015. Under the amended regulations, an institution is deemed to be "well capitalized" if it has a total risk-based capital ratio of $10.0 \%$ or greater, a Tier 1 risk-based capital ratio of $8.0 \%$ or greater, a leverage ratio of $5.0 \%$ or greater and a common equity Tier 1 ratio of $6.5 \%$ or greater. An institution is "adequately capitalized" if it has a total risk-based capital ratio of $8.0 \%$ or greater, a Tier 1 risk-based capital ratio of $6.0 \%$ or greater, a leverage ratio of $4.0 \%$ or greater and a common equity Tier 1 ratio of $4.5 \%$ or greater. An institution is "undercapitalized" if it has a total risk-based capital ratio of less than $8.0 \%$, a Tier 1 risk-based capital ratio of less than $6.0 \%$, a leverage ratio of less than $4.0 \%$ or a common equity Tier 1 ratio of less than $4.5 \%$. An institution is deemed to be "significantly undercapitalized" if it has a total risk-based capital ratio of less than $6.0 \%$, a Tier 1 risk-based capital ratio of less than $4.0 \%$, a leverage ratio of less than $3.0 \%$ or a common equity Tier 1 ratio of less than $3.0 \%$. An institution is considered to be "critically undercapitalized" if it has a ratio of tangible equity (as defined in the regulations) to total assets that is equal to or less than $2.0 \%$. Institutions that fall into an "undercapitalized" category are subject to a variety of mandatory and discretionary supervisory actions, including a restriction on capital distributions and the requirement to file a capital restoration plan with the regulators.
Performance under the capital restoration plan must be guaranteed by the parent holding company up to the lesser of the amount of the capital deficiency when deemed undercapitalized or $5 \%$ of the institution's total assets. Federal regulations also specify circumstances under which a federal banking agency may reclassify a well capitalized institution as adequately capitalized, and may require an adequately capitalized institution to comply with supervisory actions as if it were in the next lower category (except that the Federal Deposit Insurance Corporation may not reclassify a significantly undercapitalized institution as critically undercapitalized). As of December 31, 2015, Northwest Bank was "well-capitalized" for this purpose.

## Loans-to-One Borrower Limitation

In accordance with the Banking Code, a Pennsylvania chartered savings bank, with certain limited exceptions, may lend to a single or related group of borrowers on an "unsecured" basis an amount equal to $15 \%$ of its capital accounts, the aggregate of capital, surplus, undivided profits, capital securities and reserve for loan losses. We have established an internal lending limit, either individually or in the aggregate to one customer, of $\$ 20.0$ million. Under certain circumstances, for instance well qualified customers or customers with multiple individually qualified projects, this limit may be exceeded subject to the approval of the Senior Loan Committee. As of December 31, 2015 we had 15 credit relationships that equal or exceed our $\$ 20.0$ million internal limit.

## Activities and Investments of Insured State-Chartered Banks

Federal law generally limits the activities and equity investments of state-chartered banks insured by the FDIC to those that are permissible for national banks. Under regulations dealing with equity investments, an insured state bank generally may not, directly or indirectly, acquire or retain any equity investment of a type, or in an amount, that is not permissible for a national bank. An insured state bank is not prohibited from, among other things: (i) acquiring or retaining a majority interest in a subsidiary; (ii) investing as a limited partner in a partnership the sole purpose of which is direct or indirect investment in the acquisition, rehabilitation, or new construction of a qualified housing project, provided that such limited partnership investments may not exceed $2 \%$ of the bank's total assets; (iii) acquiring up to $10 \%$ of the voting stock of a company that solely provides or reinsures liability insurance for directors, trustees or officers, or blanket bond group insurance coverage for insured depository institutions; and (iv) acquiring or retaining the voting shares of a depository institution if certain requirements are met. Activities of state banks

## Table of Contents

and their subsidiaries are generally limited to those permissible for national banks. Exceptions include where the bank meets applicable regulatory capital requirements and the FDIC determines that the proposed activity does not pose a significant risk to the deposit insurance fund.

## The USA PATRIOT Act

The USA Patriot Act gives the federal government powers to address terrorist threats through enhanced domestic security measures, expanded surveillance powers, increased information sharing and broadened anti-money laundering requirements. The USA Patriot Act also requires the federal banking agencies to take into consideration the effectiveness of controls designed to combat money-laundering activities in determining whether to approve a merger or other acquisition application of a member institution. Accordingly, if we engage in a merger or other acquisition, our controls designed to combat money laundering would be considered as part of the application process. We have established policies, procedures and systems designed to comply with these regulations.

## Holding Company Regulation

General. Federal law allows a state savings bank, such as Northwest Bank, to elect to be treated as a savings association for purposes of the savings and loan company provisions of the Home Owners' Loan Act of 1933, as amended, provided that it qualifies as a "Qualified Thrift Lender." Such election results in its holding company being regulated as a savings and loan holding company by the Federal Reserve Board rather than as a bank holding company. Northwest Bank has made such an election. Therefore, Northwest Bancshares, Inc. is a savings and loan holding company within the meaning of the Home Owners' Loan Act of 1933, as amended. As such, we are registered as a savings and loan holding company with the Federal Reserve Board and are subject to Federal Reserve Board regulations, examinations, supervision and reporting requirements. In addition, the Federal Reserve Board has enforcement authority over the Company and any non-savings institution subsidiaries of the Company. Among other things, this authority permits the Federal Reserve Board to restrict or prohibit activities that are determined to be a serious risk to the subsidiary savings institution.

Permissible Activities. The business activities of Northwest Bancshares, Inc. are generally limited to those activities permissible for financial holding companies under Section 4(k) of the Bank Holding Company Act of 1956, as amended, or for multiple savings and loan holding companies. A financial holding company may engage in activities that are financial in nature, including underwriting equity securities and insurance as well as activities that are incidental to financial activities or complementary to financial activities. The Dodd-Frank Act specifies that a savings and loan holding company may only engage in financial holding company activities if it meets the qualitative criteria necessary for a bank holding company to engage in such activities. A multiple savings and loan holding company is generally limited to activities permissible for bank holding companies under Section 4(c)(8) of the Bank Holding Company Act, subject to the prior approval of the Federal Reserve Board, and certain additional activities authorized by Federal Reserve Board regulations.

Federal law prohibits a savings and loan holding company, including Northwest Bancshares, Inc., directly or indirectly, or through one or more subsidiaries, from acquiring more than $5 \%$ of another savings institution or holding company thereof, without prior written approval of the Federal Reserve Board. It also prohibits, with certain exceptions, the acquisition or retention of more than $5 \%$ of a non-subsidiary company engaged in activities that are not closely related to banking or financial in nature, or acquiring or retaining control of an institution that is not federally insured. In evaluating applications by holding companies to acquire savings institutions, the Federal Reserve Board must consider, among other factors, the financial and managerial resources and future prospects of the company and institution involved, the effect of the acquisition on the risk to the federal deposit insurance fund, the convenience and needs of the community and competitive factors.

The Federal Reserve Board is prohibited from approving any acquisition that would result in a multiple savings and loan holding company controlling savings institutions in more than one state, subject to two exceptions:
(i) the approval of interstate supervisory acquisitions by savings and loan holding companies; and
(ii) the acquisition of a savings institution in another state if the laws of the state of the target savings institution specifically permit such acquisition.

The states vary in the extent to which they permit interstate savings and loan holding company acquisitions.
Qualified Thrift Lender Test. To be regulated as a savings and loan holding company (rather than as a bank holding company), Northwest Bank must qualify as a Qualified Thrift Lender. To qualify as a Qualified Thrift Lender, Northwest Bank must be a "domestic building and loan association," as defined in the Internal Revenue Code, or comply with the Qualified Thrift Lender test. Under the Qualified Thrift Lender test, a savings institution is required to maintain at least $65 \%$ of its "portfolio assets" (total assets less: (1) specified liquid assets up to $20 \%$ of total assets; (2) intangibles, including goodwill; and (3) the value

13

## Table of Contents

of property used to conduct business) in certain "qualified thrift investments" (primarily residential mortgages and related investments, including certain mortgage-backed and related securities) in at least nine months out of each 12-month period. As of December 31, 2015, Northwest Bank met the Qualified Thrift Lender test.

Capital Requirements. Savings and loan holding companies have not historically been subjected to consolidated regulatory capital requirements. However, the Dodd-Frank Act required the Federal Reserve Board to establish, for all depository institution holding companies, minimum consolidated capital levels that are as stringent as those required for the insured depository subsidiaries. The previously discussed final rule regarding regulatory capital requirements implements the Dodd-Frank Act as to savings and loan holding companies. Consolidated regulatory capital requirements identical to those applicable to the subsidiary depository institutions applied to savings and loan holding companies (of greater than $\$ 1$ billion in consolidated assets), as of January 1, 2015. As is the case with institutions themselves, the capital conservation buffer will be phased in between 2016 and 2019.

Source of Strength/Capital Distributions. The Dodd-Frank Act extended to savings and loan holding companies the Federal Reserve Board's "source of strength" doctrine, which has long applied to bank holding companies. The Federal Reserve Board has promulgated regulations implementing the "source of strength" policy, which requires holding companies to act as a source of strength to their subsidiary depository institutions by providing capital, liquidity and other support in times of financial stress.

The Federal Reserve Board has issued a policy statement regarding capital distributions by bank holding companies that it has made applicable to savings and loan holding companies as well. In general, the policy provides that dividends should be paid only out of current earnings and only if the prospective rate of earnings retention by the holding company appears consistent with the organization's capital needs, asset quality and overall financial condition. Regulatory guidance provides for prior regulatory consultation with respect to capital distributions in certain circumstances, such as where the company's net income for the past four quarters, net of dividends previously paid over that period, is insufficient to fully fund the dividend or the company's overall rate of earnings retention is inconsistent with the company's capital needs and overall financial condition. The ability of a holding company to pay dividends may be restricted if a subsidiary depository institution becomes undercapitalized. These regulatory policies could affect our ability to pay dividends or otherwise engage in capital distributions, including stock repurchases.

As a subsidiary of a savings and loan holding company, Northwest Bank must notify the Federal Reserve Board thirty days before declaring any dividend to the Company. The dividend notice may be objected to under certain circumstances, such as where the dividend raises safety or soundness concerns, the dividend would cause the savings bank to be undercapitalized or the dividend would violate a law, regulation, regulatory condition or enforcement order.

## Federal Securities Laws

Our common stock is registered with the SEC under Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). We are also subject to the proxy rules, tender offer rules, insider trading restrictions, annual and periodic reporting, and other requirements of the Exchange Act.

## Sarbanes-Oxley Act of 2002

The Sarbanes-Oxley Act of 2002 was enacted to increase corporate responsibility, to provide for enhanced penalties for accounting and auditing improprieties at publicly traded companies, and to protect investors by improving the accuracy and reliability of corporate disclosures pursuant to the securities laws. The Sarbanes-Oxley Act generally applies to all companies that file or are required to file periodic reports with the Securities and Exchange Commission, under the Securities Exchange Act of 1934.

As directed by the Sarbanes-Oxley Act, our Chief Executive Officer and Chief Financial Officer are required to certify that our quarterly and annual reports do not contain any untrue statement of a material fact. The rules adopted by the Securities and Exchange Commission under the Sarbanes-Oxley Act have several requirements, including having these officers certify that: they are responsible for establishing, maintaining and regularly evaluating the effectiveness of our internal control over financial reporting; they have made certain disclosures to our auditors and the audit committee of the board of directors about our internal control over financial reporting; and they have included information in our quarterly and annual reports about their evaluation and whether there have been changes in our internal control over financial reporting or in other factors that could materially affect internal control over financial reporting.

## Table of Contents

## FEDERAL AND STATE TAXATION

Federal Taxation. For federal income tax purposes, Northwest Bancshares, Inc. files a consolidated federal income tax return with its wholly-owned subsidiaries on a calendar year basis. The applicable federal income tax expense or benefit is properly allocated to each subsidiary based upon taxable income or loss calculated on a separate company basis.

We account for income taxes using the asset and liability method which accounts for deferred income taxes by applying the enacted statutory rates in effect at the balance sheet date to differences between the book basis and the tax basis of assets and liabilities. The resulting deferred tax liabilities and assets are adjusted to reflect changes in tax laws.

State Taxation. As a Maryland business corporation, Northwest Bancshares, Inc. is required to file annual tax returns with the State of Maryland. In addition, Northwest Bancshares, Inc. is subject to Pennsylvania's corporate net income tax and capital stock tax. Dividends received from Northwest Bank qualify for a $100 \%$ dividends received deduction and are not subject to corporate net income tax.

Northwest Bank is subject to Pennsylvania's mutual thrift institutions tax based on Northwest Bank's net income determined in accordance with generally accepted accounting principles, with certain adjustments. The tax rate under the mutual thrift institutions tax is $11.5 \%$. Interest on Pennsylvania and federal obligations is excluded from net income. An allocable portion of interest expense incurred to carry the obligations is disallowed as a deduction. Northwest Bank is also subject to taxes in the other states in which it conducts business. These taxes are apportioned based upon the volume of business conducted in those states as a percentage of the whole. Because a majority of Northwest Bank's affairs are conducted in Pennsylvania, taxes paid to other states are not material.

The subsidiaries of Northwest Bank are subject to a Pennsylvania corporate net income tax and a capital stock tax, and are also subject to other applicable taxes in the states where they conduct business.

## ITEM 1A.

## RISK FACTORS

In addition to factors discussed in the description of our business and elsewhere in this report, the following are factors that could adversely affect our future results of operations and financial condition.

A worsening of economic conditions in our market area could reduce demand for our products and services and/or result in increases in our level of non-performing loans, which could adversely affect our operations, financial condition and earnings.

Our performance is significantly impacted by the general economic conditions in our primary markets in Pennsylvania, New York, Ohio and Maryland. At December 31, 2015, $65.2 \%$ of our loan portfolio was secured by properties located in Pennsylvania, with a large portion of the rest of our loans secured by real estate located in New York, Ohio and Maryland. Local economic conditions have a significant impact on the ability of our borrowers to repay loans and the value of the collateral securing loans.
A deterioration in economic conditions could result in the following consequences, any of which could have a material adverse effect on our business, financial condition, liquidity and results of operations:
demand for our products and services may decline;
doan delinquencies, problem assets and foreclosures may increase;
collateral for loans, especially real estate, may decline in value, in turn reducing customers' future borrowing power, and reducing the value of assets and collateral associated with existing loans; and

- the net worth and liquidity of loan guarantors may decline, impairing their ability to honor commitments to us.

In addition, deflationary pressures, while possibly lowering our operating costs, could have a significant negative effect on our borrowers, especially our business borrowers, and the values of underlying collateral securing loans, which could negatively affect our financial performance.

Changes in laws and regulations and the cost of compliance with new laws and regulations may adversely affect our operations and our income.

The Company and Northwest Bank are subject to extensive regulation, supervision and examination by the Federal Reserve Board, the Department of Banking and the FDIC. These regulatory authorities have extensive discretion in connection with their supervisory and enforcement activities, including the ability to impose restrictions on Northwest Bank's operations,

15

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## Table of Contents

reclassify assets, determine the adequacy of Northwest Bank's allowance for loan losses and determine the level of deposit insurance premiums assessed. Because our business is highly regulated, the laws and applicable regulations are subject to frequent change and interpretations. Any change in these regulations and oversight, whether in the form of regulatory policy, new regulations or legislation or additional deposit insurance premiums could have a material impact on our operations.

In response to the financial crisis, Congress has taken actions that are intended to strengthen confidence and encourage liquidity in financial institutions, and the Federal Deposit Insurance Corporation has taken actions to increase insurance coverage on deposit accounts. In addition, there have been proposals made by members of Congress and others that would reduce the amount delinquent borrowers are otherwise contractually obligated to pay under their mortgage loans and limit an institution's ability to foreclose on mortgage collateral. A number of the largest mortgage lenders in the United States previously voluntarily suspended all foreclosures due to document verification deficiencies.

The potential exists for additional federal or state laws and regulations, or changes in policy, affecting lending and funding practices and liquidity standards. Moreover, bank regulatory agencies have been active in responding to concerns and trends identified in examinations, and have issued many formal enforcement orders requiring capital ratios in excess of regulatory requirements. Bank regulatory agencies, such as the Federal Reserve Board, the Department of Banking, the Consumer Financial Protection Bureau and the FDIC, govern the activities in which we may engage, primarily for the protection of depositors, and not for the protection or benefit of potential investors. In addition, new laws and regulations may increase our costs of regulatory compliance and of doing business, and otherwise affect our operations. New laws and regulations may significantly affect the markets in which we do business, the markets for and value of our loans and investments, the fees we can charge and our ongoing operations, costs and profitability.

We have become subject to more stringent capital requirements, which may adversely impact our return on equity, require us to raise additional capital, or constrain us from paying dividends or repurchasing shares.

Final capital rules effective January 1, 2015 include new minimum risk-based capital and leverage ratios and refined the definition of what constitutes "capital" for purposes of calculating these ratios. The new minimum capital requirements are: (i) a new common equity Tier 1 capital ratio of $4.5 \%$; (ii) a Tier 1 to risk-based assets capital ratio of $6 \%$ (increased from 4\%); (iii) a total capital ratio of $8 \%$ (unchanged from current rules); and (iv) a Tier 1 leverage ratio of $4 \%$. The final rule also establishes a "capital conservation buffer" of $2.5 \%$, and will result in the following minimum ratios: (i) a common equity Tier 1 capital ratio of $7.0 \%$, (ii) a Tier 1 to risk-based assets capital ratio of $8.5 \%$, and (iii) a total capital ratio of $10.5 \%$. The new capital conservation buffer requirement is being phased in beginning in January 2016 at $0.625 \%$ of risk-weighted assets and would increase each year until fully implemented in January 2019. An institution will be subject to limitations on paying dividends, engaging in share repurchases, and paying discretionary bonuses if its capital level falls below the buffer amount. These limitations will establish a maximum percentage of eligible retained income that can be utilized for such actions.

The application of more stringent capital requirements for Northwest Bank could, among other things, result in lower returns on equity, require the raising of additional capital, and result in regulatory actions constraining us from paying dividends or repurchasing shares if we were to be unable to comply with such requirements.

The corporate governance provisions in our articles of incorporation and bylaws, and the corporate governance provisions under Maryland law, may prevent or impede the holders of our common stock from obtaining representation on our Board of Directors and may impede takeovers of the company that our board might conclude are not in the best interest of us or our stockholders.

Provisions in our articles of incorporation and bylaws may prevent or impede holders of our common stock from obtaining representation on our Board of Directors and may make takeovers of Northwest Bancshares, Inc. more difficult. For example, our Board of Directors is divided into three staggered classes. A classified board makes it more difficult for stockholders to change a majority of the directors because it generally takes at least two annual elections of directors for this to occur. Our articles of incorporation include a provision that no person will be entitled to vote any shares of our common stock in excess of $10 \%$ of our outstanding shares of common stock. This limitation does not apply to the purchase of shares by a tax-qualified employee stock benefit plan established by us. In addition, our articles of incorporation and bylaws restrict who may call special meetings of stockholders and how directors may be removed from office. Additionally, in certain instances, the Maryland General Corporation Law requires a supermajority vote of our stockholders to approve a merger or other business combination with a large stockholder, if the proposed transaction is not approved by a majority of our directors.

## Table of Contents

Changes in interest rates could adversely affect our results of operations and financial condition.
While we strive to control the impact of changes in interest rates on our net income, our results of operations and financial condition could be significantly affected by changes in interest rates. Our results of operations depend substantially on our net interest income, which is the difference between the interest income we earn on our interest-earning assets, such as loans and investment securities, and the interest expense we pay on our interest-bearing liabilities, such as deposits, borrowings and trust preferred securities. Because it is difficult to perfectly match the maturities and cash flows from our financial assets and liabilities our net income could be adversely impacted by changes in the level of interest rates or the slope of the Treasury yield curve.

Changes in interest rates may also affect the average life of loans and mortgage-related securities. Decreases in interest rates can result in increased prepayments of loans and mortgage-related securities, as borrowers refinance to reduce their borrowing costs. Under these circumstances, we are subject to reinvestment risk to the extent that we are unable to reinvest the cash received from such prepayments at rates that are comparable to the rates on existing loans and investment securities. Additionally, increases in interest rates may decrease loan demand and make it more difficult for borrowers to repay adjustable rate loans. Also, increases in interest rates may extend the life of fixed rate assets, which would restrict our ability to reinvest in higher yielding alternatives, and may result in customers withdrawing certificates of deposit early so long as the early withdrawal penalty is less than the interest they could receive as a result of the higher interest rates.

Changes in interest rates also affect the current fair value of our interest-earning investment securities portfolio. Generally, the value of securities moves inversely with changes in interest rates. At December 31, 2015, the fair value of our investment and mortgage-backed securities portfolio totaled $\$ 907.0$ million. Net unrealized gains on these securities totaled $\$ 6.3$ million at December 31, 2015.

At December 31, 2015, our interest rate risk analysis indicated that the market value of our equity would decrease by $7.6 \%$ if there was an instant non-parallel 200 basis point increase in market interest rates. See "Item 7A. Quantitative and Qualitative Disclosures About Market Risk."

Historically low interest rates may adversely affect our net interest income and profitability.

In recent years it has been the policy of the Federal Reserve Board to maintain interest rates at historically low levels through its targeted federal funds rate and the purchase of mortgage-backed and Treasury securities. As a result, market rates on the loans we have originated and the yields on securities we have purchased have been at lower levels than available prior to 2008. As a general matter, our interest-bearing liabilities re-price or mature more quickly than our interest-earning assets, which has been one factor contributing to the increase in our interest rate spread as interest rates decreased. However, our ability to lower our interest expense is limited at these interest rate levels while the average yield on our interest-earning assets may continue to decrease. Accordingly, our net interest income may be adversely affected and may even decrease, which may have an adverse effect on our profitability.

We are a community bank and our ability to maintain our reputation is critical to the success of our business and the failure to do so may materially adversely affect our performance.

We are a community bank, and our reputation is one of the most valuable components of our business. A key component of our business strategy is to rely on our reputation for customer service and knowledge of local markets to expand our presence by capturing new business opportunities from existing and prospective customers in our current market and contiguous areas. As such, we strive to conduct our business in a manner that enhances our reputation. This is done, in part, by recruiting, hiring and retaining employees who share our core values of being an integral part of the communities we serve, delivering superior service to our customers and caring about our customers and
associates. If our reputation is negatively affected, by the actions of our employees, by our inability to conduct our operations in a manner that is appealing to current or prospective customers, or otherwise, our business and operating results may be adversely affected.

If the allowance for credit losses is not sufficient to cover actual loan losses, our earnings could decrease.
Our customers may not repay their loans according to the original terms, and the collateral, if any, securing the payment of these loans may be insufficient to pay any remaining loan balance. We may experience significant loan losses, which may have a material adverse effect on operating results. We make various assumptions and judgments about the collectability of the loan portfolio, including the creditworthiness of borrowers and the value of the real estate and other assets serving as collateral for the repayment of loans. If our assumptions prove to be incorrect, the allowance for credit losses may not be sufficient to cover losses inherent in our loan portfolio, resulting in additions to the allowance. Material additions to the allowance would materially decrease net income.

## Table of Contents

Our emphasis on originating commercial real estate and commercial loans is one of the more significant factors in evaluating the allowance for loan losses. As we continue to increase the amount of such loans, increased provisions for loan losses may be necessary which would decrease our earnings.

Bank regulators periodically review our allowance for loan losses and may require an increase to the provision for loan losses or further loan charge-offs. Any increase in our allowance for loan losses or loan charge-offs as required by these regulatory authorities may have a material adverse effect on our results of operations or financial condition.

Our commercial loan portfolio is increasing and the inherently higher risk of loss may lead to additional provisions for loan losses or charge-offs, which would hurt our profits.

Over the past two years our commercial loan portfolio, which includes commercial real estate, multi-family, commercial business and construction loans, has increased by $\$ 859.2$ million, or $40.8 \%$, to $\$ 2.962$ billion December 31, 2015 from $\$ 2.103$ billion at December 31, 2013. A large portion of our commercial loan portfolio is unseasoned, meaning they were originated recently. Our limited experience with these borrowers does not provide us with a significant payment history pattern with which to judge future collectability. Further, these loans have not been subjected to unfavorable economic conditions. As a result, it is difficult to predict the future performance of this part of our loan portfolio. These loans may have delinquency or charge-off levels above our historical experience, which could adversely affect our future performance.

We could record future losses on our investment securities portfolio.
A number of factors or combinations of factors could require us to conclude in one or more future reporting periods that an unrealized loss that exists with respect to these and other securities constitutes an impairment that is other-than-temporary, which could result in material losses to us. These factors include, but are not limited to, failure by the issuer to make scheduled interest payments, an increase in the severity of the unrealized loss on a particular security, an increase in the continuous duration of the unrealized loss without an improvement in value or changes in market conditions and/or industry or issuer specific factors that would render us unable to forecast a full recovery in value. In addition, the fair values of securities could decline if the overall economy and the financial condition of some of the issuers continues to deteriorate and there remains limited liquidity for these securities.

See "Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations-Balance Sheet Analysis-Securities" for a discussion of our securities portfolio and the unrealized losses related to the portfolio, as well as the "Marketable Securities" and "Disclosures about Fair Value of Financial Instruments" footnotes to the audited financial statements.

Recently adopted regulations could restrict our ability to originate and sell loans.
The Consumer Financial Protection Bureau has issued a rule designed to clarify for lenders how they can avoid legal liability under the Dodd-Frank Act, which would hold lenders accountable for ensuring a borrower's ability to repay a mortgage. Loans that meet this "qualified mortgage" definition will be presumed to have complied with the new ability-to-repay standard. Under the Consumer Financial Protection Bureau's rule, a "qualified mortgage" loan must not contain certain specified features, including:
excessive upfront points and fees (those exceeding 3\% of the total loan amount, less "bona fide discount points" for prime loans);
interest-only payments;
negative-amortization; and
terms longer than 30 years.

Also, to meet the definition of a "qualified mortgage," a borrower's total monthly debt-to-income ratio may not exceed $43 \%$. Lenders must also verify and document the income and financial resources relied upon to qualify the borrower for the loan and underwrite the loan based on a fully amortizing payment schedule and maximum interest rate during the first five years, taking into account all applicable taxes, insurance and assessments.

In addition, the Dodd-Frank Act requires the regulatory agencies to issue regulations that require securitizers of loans to retain "not less than $5 \%$ of the credit risk for any asset that is not a qualified residential mortgage." The regulatory agencies have issued a final rule to implement this requirement. The final rule provides that the definition of "qualified residential mortgage" includes loans that meet the definition of qualified mortgage issued by the Consumer Financial Protection Bureau.

## Table of Contents

The final rule could have a significant effect on the secondary market for loans and the types of loans we originate, and restrict our ability to make loans. Similarly, the Consumer Financial Protection Bureau's rule on qualified mortgages could limit our ability or desire to make certain types of loans or loans to certain borrowers, which could limit our growth or profitability.

Non-compliance with the USA PATRIOT Act, Bank Secrecy Act, or other laws and regulations could result in fines or sanctions.

The USA PATRIOT and Bank Secrecy Acts require financial institutions to develop programs to prevent financial institutions from being used for money laundering and terrorist activities. If such activities are detected, financial institutions are obligated to file suspicious activity reports with the U.S. Treasury's Office of Financial Crimes Enforcement Network. These rules require financial institutions to establish procedures for identifying and verifying the identity of customers seeking to open new financial accounts. Failure to comply with these regulations could result in fines or sanctions. During the last year, several banking institutions have received large fines for non-compliance with these laws and regulations. While we have developed policies and procedures designed to assist in compliance with these laws and regulations, these policies and procedures may not be effective in preventing violations of these laws and regulations.

We hold certain intangible assets that could be classified as impaired in the future. If these assets are considered to be either partially or fully impaired in the future, the book values of these assets would have to be written-down and the amount of the write-down would decrease earnings.

We are required to test our goodwill and other identifiable intangible assets for impairment on an annual basis and more regularly if indicators of impairment exist. The impairment testing process considers a variety of factors, including the current market price of our common shares, the estimated net present value of our assets and liabilities and information concerning the terminal valuation of similar insured depository institutions. Future impairment testing may result in a partial or full impairment of the value of our goodwill or other identifiable intangible assets, or both. If an impairment determination is made in a future reporting period, our earnings and the book value of these intangible assets will be reduced by the amount of the impairment. However, the recording of such an impairment loss would have no impact on the tangible book value of our shares of common stock or our regulatory capital levels.

Strong competition may limit growth and profitability.
Competition in the banking and financial services industry is intense. We compete with commercial banks, savings institutions, mortgage brokerage firms, credit unions, finance companies, mutual funds, insurance companies, and brokerage and investment banking firms operating locally and elsewhere. Many of these competitors (whether regional or national institutions) have substantially greater resources and lending limits than we have and may offer certain services that we do not or cannot provide. In addition, some have competitive advantages such as the credit union exemption from paying Federal income tax. Our profitability depends upon our ability to successfully compete in our market areas.

Future legislative or regulatory actions responding to perceived financial and market problems could impair our ability to foreclose on collateral.

There have been proposals made by members of Congress and others that would reduce the amount distressed borrowers are otherwise contractually obligated to pay under their mortgage loans and limit an institution's ability to foreclose on mortgage collateral. Were proposals such as these, or other proposals limiting our rights as a creditor, to be implemented, we could experience increased credit losses or increased expense in pursuing our remedies as a creditor.

Legal and regulatory proceedings and related matters could adversely affect us or the financial services industry in general.

We, and other participants in the financial services industry upon whom we rely to operate, have been and may in the future become involved in legal and regulatory proceedings. Most of the proceedings we consider to be in the normal course of our business or typical for the industry; however, it is inherently difficult to assess the outcome of these matters, and other participants in the financial services industry or we may not prevail in any proceeding or litigation. There could be substantial cost and management diversion in such litigation and proceedings, and any adverse determination could have a materially adverse effect on our business, brand or image, or our financial condition and results of our operations.

## Table of Contents

Our exposure to municipalities may lead to operating losses.
Our municipal bond portfolio may be impacted by the effects of economic stress on state and local governments. At December 31, 2015, we had $\$ 89.5$ million invested in debt obligations of states, municipalities and political subdivisions (collectively referred to as our municipal bond portfolio). We also had $\$ 143.4$ million of loans outstanding to municipalities and political subdivisions. Widespread concern currently exists regarding the stress on state and local governments emanating from: (i) declining revenues; (ii) large unfunded liabilities to government workers; and (iii) entrenched cost structures. Debt-to-gross domestic product ratios for the majority of states have been deteriorating due to, among other factors: (i) declines in federal monetary assistance provided as the United States is currently experiencing the largest deficit in its history; and (ii) lower levels of sales and property tax revenue as unemployment remains elevated and the housing market continues to remain unstable. This concern has led to speculation about the potential for a significant deterioration in the municipal bond market, which could materially affect our results of operations, financial condition and liquidity. We may not be able to mitigate the exposure in our municipal portfolio if state and local governments are unable to fulfill their obligations. The risk of widespread issuer defaults may also increase if there are changes in legislation that permit states, or additional municipalities and political subdivisions, to file for bankruptcy protection or if there are judicial interpretations that, in a bankruptcy or other proceeding, lessen the value of any structural protections.

Changes in the valuation of our securities portfolio could hurt our profits.
Our securities portfolio may be impacted by fluctuations in market value, potentially reducing accumulated other comprehensive income and/or earnings. Fluctuations in market value may be caused by changes in market interest rates, lower market prices for securities and limited investor demand. Management evaluates securities for other-than-temporary impairment on a monthly basis, with more frequent evaluation for selected issues. In analyzing a debt issuer's financial condition, management considers whether the securities are issued by the federal government or its agencies, whether downgrades by bond rating agencies have occurred, industry analysts' reports and, to a lesser extent given the relatively insignificant levels of depreciation in our debt portfolio, spread differentials between the effective rates on instruments in the portfolio compared to risk-free rates. In analyzing an equity issuer's financial condition, management considers industry analysts' reports, financial performance and projected target prices of investment analysts within a one-year time frame. If this evaluation shows impairment to the actual or projected cash flows associated with one or more securities, a potential loss to earnings may occur. Changes in interest rates can also have an adverse effect on our financial condition, as our available-for-sale securities are reported at their estimated fair value, and therefore are impacted by fluctuations in interest rates. We increase or decrease our stockholders' equity by the amount of change in the estimated fair value of the available-for-sale securities, net of taxes. The declines in market value could result in other-than-temporary impairments of these assets, which would lead to accounting charges that could have a material adverse effect on our net income and capital levels.

The financial services sector represents a significant concentration within our investment portfolio.
Within our investment portfolio, we have a significant amount of marketable equity, corporate debt and mortgage-backed securities issued by companies in the financial services sector. Given current market conditions, this sector has an enhanced level of credit risk.

Risks associated with system failures, interruptions, or breaches of security could negatively affect our earnings.
Information technology systems are critical to our business. We use various technology systems to manage our customer relationships, general ledger, deposits, and loans. We have established policies and procedures to prevent or limit the impact of system failures, interruptions, and security breaches, but such events may still occur or may not be adequately addressed if they do occur. In addition, any compromise of our systems could deter customers from using
our products and services. Although we rely on security systems to provide security and authentication necessary to effect the secure transmission of data, these precautions may not protect our systems from compromises or breaches of security.

In addition, we outsource a majority of our data processing to certain third-party providers. If these third-party providers encounter difficulties, or if we have difficulty communicating with them, our ability to adequately process and account for transactions could be affected, and our business operations could be adversely affected. Threats to information security also exist in the processing of customer information through various other vendors and their personnel.

The occurrence of any system failures, interruption, or breach of security could damage our reputation and result in a loss of customers and business, could subject us to additional regulatory scrutiny, or could expose us to litigation and possible financial liability. Any of these events could have a material adverse effect on our financial condition and results of operations.

20

## Table of Contents

Our risk management framework may not be effective in mitigating risk and reducing the potential for significant losses.

Our risk management framework is designed to minimize risk and loss to us. We seek to identify, measure, monitor, report and control our exposure to risk, including strategic, market, liquidity, credit, interest rate, compliance and operational risks. While we use a broad and diversified set of risk monitoring and mitigation techniques, these techniques are inherently limited because they cannot anticipate the existence or future development of currently unanticipated or unknown risks. Recent economic conditions and heightened legislative and regulatory scrutiny of the financial services industry, among other developments, have increased our level of risk. Accordingly, we could suffer losses as a result of our failure to properly anticipate and manage these risks.

Our business may be adversely affected by an increasing prevalence of fraud and other financial crimes.

Our loans to businesses and individuals and our deposit relationships and related transactions are subject to exposure to the risk of loss due to fraud and other financial crimes. Nationally, reported incidents of fraud and other financial crimes have increased. We have also experienced losses due to apparent fraud and other financial crimes. While we have policies and procedures designed to prevent such losses, losses may still occur.

Acquisitions may disrupt our business and dilute stockholder value.
We regularly evaluate merger and acquisition opportunities with other financial institutions and financial services companies. As a result, negotiations may take place and future mergers or acquisitions involving cash, debt, or equity securities may occur at any time. We would seek acquisition partners that offer us either significant market presence or the potential to expand our market footprint and improve profitability through economies of scale or expanded services.

Acquiring other banks, businesses, or branches may have an adverse effect on our financial results and may involve various other risks commonly associated with acquisitions, including, among other things:
difficulty in estimating the value of the target company;
payment of a premium over book and market values that may dilute our tangible book value and earnings per share in the short and long term;
potential exposure to unknown or contingent liabilities of the target company;
exposure to potential asset quality problems of the target company;
potential volatility in reported income associated with goodwill impairment losses;
elifficulty and expense of integrating the operations and personnel of the target company;
inability to realize the expected revenue increases, cost savings, increases in geographic or product presence, and/or
other projected benefits of the acquisition;
potential disruption to our business;
potential diversion of our management's time and attention;
the possible loss of key employees and customers of the target company; and potential changes in banking or tax laws or regulations that may affect the target company.

Our business strategy includes growth, and our financial condition and results of operations could be negatively affected if we fail to grow or fail to manage our growth effectively.

Our business strategy includes growth in assets, deposits and the scale of our operations. Achieving our growth targets will require us to attract customers that currently bank at other financial institutions in our market, thereby increasing
our share of the market. Our ability to successfully grow will depend on a variety of factors, including our ability to attract and retain experienced bankers, the continued availability of desirable business opportunities, the competitive responses from other financial institutions in our market area and our ability to manage our growth. Growth opportunities may not be available or we may not be able to manage our growth successfully. If we do not manage our growth effectively, our financial condition and operating results could be negatively affected.

Our funding sources may prove insufficient to replace deposits at maturity and support our future growth.
We must maintain sufficient funds to respond to the needs of depositors and borrowers. As a part of our liquidity management, we use a number of funding sources in addition to core deposit growth and repayments and maturities of loans and investments. As we continue to grow, we are likely to become more dependent on these sources, which may include Federal Home Loan Bank advances, proceeds from the sale of loans, federal funds purchased and brokered certificates of deposit. Adverse operating results or changes in industry conditions could lead to difficulty or an inability to access these additional funding sources. Our financial flexibility will be severely constrained if we are unable to maintain our access to funding or if adequate financing

21

## Table of Contents

is not available to accommodate future growth at acceptable interest rates. If we are required to rely more heavily on more expensive funding sources to support future growth, our revenues may not increase proportionately to cover our costs. In this case, our operating margins and profitability would be adversely affected.

Changes in management's estimates and assumptions may have a material impact on our consolidated financial statements and our financial condition or operating results.

In preparing this annual report as well as periodic reports we are required to file under the Securities Exchange Act of 1934, including our consolidated financial statements, our management is and will be required under applicable rules and regulations to make estimates and assumptions as of a specified date. These estimates and assumptions are based on management's best estimates and experience as of that date and are subject to substantial risk and uncertainty. Materially different results may occur as circumstances change and additional information becomes known. Areas requiring significant estimates and assumptions by management include our valuation of investment securities, our determination of our income tax provision and goodwill, and our evaluation of the adequacy of our allowance for loan losses.

We are subject to environmental liability risk associated with lending activities.

A significant portion of our loan portfolio is secured by real estate, and we could become subject to environmental liabilities with respect to one or more of these properties. During the ordinary course of business, we may foreclose on and take title to properties securing defaulted loans. In doing so, there is a risk that hazardous or toxic substances could be found on these properties. If hazardous conditions or toxic substances are found on these properties, we may be liable for remediation costs, as well as for personal injury and property damage, civil fines and criminal penalties regardless of when the hazardous conditions or toxic substances first affected any particular property. Environmental laws may require us to incur substantial expenses to address unknown liabilities and may materially reduce the affected property's value or limit our ability to use or sell the affected property. In addition, future laws or more stringent interpretations or enforcement policies with respect to existing laws may increase our exposure to environmental liability. Although we have policies and procedures to perform an environmental review before initiating any foreclosure action on nonresidential real property, these reviews may not be sufficient to detect all potential environmental hazards. The remediation costs and any other financial liabilities associated with an environmental hazard could have a material adverse effect on us.

## ITEM 1B.

UNRESOLVED STAFF COMMENTS

Not applicable.

ITEM 2.

## PROPERTIES

As of December 31, 2015, we conducted our business through our main office located in Warren, Pennsylvania, 127 other full-service offices and five free-standing drive-up locations throughout our market area in central and western Pennsylvania, 19 offices in western New York, 25 offices in eastern Ohio and four offices in Maryland. Northwest Bancshares, Inc. and its wholly-owned subsidiaries also operated 51 consumer finance offices located throughout Pennsylvania. At December 31, 2015, our premises and equipment had an aggregate net book value of approximately $\$ 154.4$ million.

ITEM 3.

## LEGAL PROCEEDINGS

Northwest Bancshares, Inc. and its subsidiaries are subject to various legal actions arising in the normal course of business. In the opinion of management, the resolution of these legal actions is not expected to have a material adverse effect on our financial condition and/or results of operations. See note 19 in the notes to the Consolidated Financial Statements.

ITEM 4.
MINE SAFETY DISCLOSURES
Not applicable.

## Table of Contents

## PART II

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

Our common stock is listed on the Nasdaq Global Select Market under the symbol "NWBI." As of February 12, 2016, we had 20 registered market makers, 14,311 stockholders of record (excluding the number of persons or entities holding stock in street name through various brokerage firms), and 101,775,187 shares outstanding. The following table sets forth market price and dividend information for our common stock.

| Year Ended | High | Low | Cash Dividends <br> Declared |
| :--- | :--- | :--- | :--- |
| December 31, 2015 | $\$ 12.62$ | $\$ 11.52$ | $\$ 0.14$ |
| First Quarter | $\$ 13.03$ | $\$ 11.71$ | $\$ 0.14$ |
| Second Quarter | $\$ 13.21$ | $\$ 12.32$ | $\$ 0.14$ |
| Third Quarter | $\$ 14.11$ | $\$ 12.55$ | $\$ 0.14$ |
| Fourth Quarter |  |  |  |
|  |  |  | Cash Dividends |
| Year Ended | High | Low | Declared |
| December 31, 2014 | $\$ 15.07$ | $\$ 13.66$ | $\$ 0.23$ |
| First Quarter | $\$ 15.11$ | $\$ 12.77$ | $\$ 1.13$ |
| Second Quarter | $\$ 13.86$ | $\$ 11.99$ | $\$ 0.13$ |
| Third Quarter | $\$ 13.30$ | $\$ 11.86$ | $\$ 0.13$ |
| Fourth Quarter |  |  |  |

Payment of dividends on our shares of common stock is subject to determination and declaration by the Board of Directors and will depend upon a number of factors, including capital requirements, regulatory limitations on the payment of dividends, our results of operations and financial condition, tax considerations and general economic conditions. No assurance can be given that dividends will continue to be declared or, if declared, what the amount of dividends will be. See Item 1. Business "Supervision and Regulation - Holding Company Regulation - Source of Strength/Capital Distributions" for additional information regarding our ability to pay dividends.

There were no sales of unregistered securities during the quarter ended December 31, 2015.
The following tables disclose information regarding repurchases of shares of common stock during the quarter ended December 31, 2015, and includes the repurchase program announced on December 13, 2012, which is for approximately $5,000,000$ shares and does not have an expiration date.

| Month | Number of shares purchased | Average price paid per share | purchased as part of a publicly announced repurchase plan (1) | shares yet to be purchased under the plan (1) |
| :---: | :---: | :---: | :---: | :---: |
| October | - | \$- | - | 4,979,989 |
| November | - | - | - | 4,979,989 |
| December | - | - | - | 4,979,989 |
|  | - | - |  |  |
| 23 |  |  |  |  |

## Table of Contents

## Stock Performance Graph

Set forth hereunder is a stock performance graph comparing (a) the cumulative total return on our Common Stock between December 31, 2010 and December 31, 2015, (b) the cumulative total return on stocks included in the Total Return Index for the Nasdaq Stock Market (US) over such period, and (c) the cumulative total return on stocks included in the Nasdaq Bank Index over such period. Cumulative return assumes the reinvestment of dividends, and is expressed in dollars based on an assumed investment of $\$ 100$.

There can be no assurance that our stock performance will continue in the future with the same or similar trend depicted in the graph. We will not make or endorse any predictions as to future stock performance.

COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN*
Among Northwest Bancshares, Inc., the NASDAQ Composite Index, and the NASDAQ Bank Index *\$100 invested on 12/31/2010 in stock or index, including reinvestment of dividends. Fiscal year ending December 31.

|  | $12 / 31 / 2010$ | $12 / 31 / 2011$ | $12 / 31 / 2012$ | $12 / 31 / 2013$ | $12 / 31 / 2014$ | $12 / 31 / 2015$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Northwest | 100.00 | 109.43 | 112.24 | 141.90 | 135.41 | 151.27 |
| Bancshares, Inc. | 100.00 | 100.53 | 116.92 | 166.19 | 188.78 | 199.95 |
| NASDAQ Composite | 100.00 | 90.68 | 104.29 | 147.41 | 153.18 | 166.77 |
| NASDAQ Bank |  |  |  |  |  |  |

24

## Table of Contents

ITEM 6. SELECTED FINANCIAL DATA
Selected Financial and Other Data
The summary financial information presented below is derived in part from the Company's consolidated financial statements. The following is only a summary and should be read in conjunction with the consolidated financial statements and notes included elsewhere in this document. The information at December 31, 2015 and 2014 and for the years ended December 31, 2015, 2014 and 2013 is derived in part from the audited consolidated financial statements that appear in this document. The information at December 31, 2013, 2012 and 2011, and for the years ended December 31, 2012 and 2011, is derived in part from audited consolidated financial statements that do not appear in this document.

|  | At December 31, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2014 | 2013 | 2012 | 2011 |
|  | (In thousands) |  |  |  |  |
| Selected Consolidated Financial Data: |  |  |  |  |  |
| Total assets | \$8,951,899 | 7,775,033 | 7,879,859 | 7,941,163 | 7,956,439 |
| Investment securities held-to-maturity | 6,610 | 66,752 | 69,316 | 69,275 | 74,692 |
| Investment securities available-for-sale | 395,688 | 427,259 | 439,693 | 414,569 | 279,125 |
| Mortgage-backed securities held-to-maturity | 25,079 | 36,943 | 52,050 | 85,806 | 156,697 |
| Mortgage-backed securities available-for-sale | 478,717 | 485,112 | 577,074 | 664,505 | 629,224 |
| Loans receivable net: |  |  |  |  |  |
| Residential mortgage loans | 2,736,182 | 2,515,875 | 2,475,129 | 2,407,647 | 2,388,884 |
| Home equity | 1,183,064 | 1,061,581 | 1,076,694 | 1,075,360 | 1,085,514 |
| Other consumer loans | 512,691 | 236,626 | 222,861 | 223,194 | 230,949 |
| Commerial real estate loans | 2,317,647 | 1,767,795 | 1,597,308 | 1,562,098 | 1,410,171 |
| Commercial loans | 409,865 | 344,861 | 367,613 | 364,988 | 369,279 |
| Total loans receivable, net (1) | 7,159,449 | 5,922,373 | 5,734,943 | 5,629,261 | 5,480,381 |
| Deposits | 6,612,581 | 5,632,542 | 5,668,879 | 5,764,600 | 5,780,325 |
| Advances from Federal Home Loan Bank and other borrowed funds | 975,007 | 888,109 | 881,645 | 860,047 | 827,925 |
| Shareholders' equity | 1,163,163 | 1,062,647 | 1,155,185 | 1,127,032 | 1,153,638 |
|  | For the Year Ended December 31, |  |  |  |  |
|  | 2015 | 2014 | 2013 | 2012 | 2011 |
|  | (In thousands | except per sh | data) |  |  |
| Selected Consolidated Operating Data: |  |  |  |  |  |
| Total interest income | \$319,580 | 305,427 | 313,097 | 337,829 | 358,967 |
| Total interest expense | 56,327 | 56,587 | 61,162 | 75,199 | 92,801 |
| Net interest income | 263,253 | 248,840 | 251,935 | 262,630 | 266,166 |
| Provision for loan losses 9,712 20,314 18,519 26,338 34,170 |  |  |  |  |  |
| Net interest income after provision for loan losses | 253,541 | 228,526 | 233,416 | 236,292 | 231,996 |
| Noninterest income | 68,836 | 70,766 | 66,476 | 58,817 | 58,978 |
| Noninterest expense | 233,877 | 215,535 | 207,134 | 205,477 | 200,227 |
| Income before income tax expense | 88,500 | 83,757 | 92,758 | 89,632 | 90,747 |
| Income tax expense | 27,960 | 21,795 | 26,199 | 26,243 | 26,747 |

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| Net income | $\$ 60,540$ | 61,962 | 66,559 | 63,389 | 64,000 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Earnings per share: |  |  |  |  |  |
| Basic | $\$ 0.64$ | 0.68 | 0.73 | 0.68 | 0.64 |
| Diluted | $\$ 0.64$ | 0.67 | 0.73 | 0.67 | 0.64 |

## Table of Contents

|  | At | Y | ear Ende | Dece | ber |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2013 |  | 2012 |  | 2011 |  |
| Selected Financial Ratios and Other |  |  |  |  |  |  |  |  |  |  |
| Data: |  |  |  |  |  |  |  |  |  |  |
| Return on average assets (1) | 0.73 | \% | 0.79 | \% | 0.84 | \% | 0.79 | \% | 0.79 | \% |
| Return on average equity (2) | 5.49 | \% | 5.69 | \% | 5.87 | \% | 5.48 | \% | 5.24 | \% |
| Average capital to average assets | 13.25 | \% | 13.80 | \% | 14.30 | \% | 14.45 | \% | 15.17 | \% |
| Capital to total assets | 12.99 | \% | 13.67 | \% | 14.66 | \% | 14.19 | \% | 14.50 | \% |
| Tangible common equity to tangible assets | 10.28 | \% | 11.64 | \% | 12.70 | \% | 12.22 | \% | 12.59 | \% |
| Net interest rate spread (3) | 3.29 | \% | 3.27 | \% | 3.31 | \% | 3.39 | \% | 3.38 | \% |
| Net interest margin (4) | 3.49 | \% | 3.47 | \% | 3.51 | \% | 3.63 | \% | 3.66 | \% |
| Noninterest expense to average assets | 2.81 | \% | 2.73 | \% | 2.61 | \% | 2.56 | \% | 2.49 | \% |
| Efficiency ratio | 69.05 | \% | 67.44 | \% | 64.99 | \% | 63.86 | \% | 61.53 | \% |
| Noninterest income to average assets | 0.83 | \% | 0.92 | \% | 0.84 | \% | 0.74 | \% | 0.73 | \% |
| Net interest income to noninterest expense | 1.13x |  | 1.15x |  | 1.22 x |  | 1.28 x |  | 1.35x |  |
| Dividend payout ratio | 87.50 | \% | 241.80 | \% | 68.49 | \% | 89.55 | \% | 67.19 | \% |
| Nonperforming loans to net loans receivable | 1.02 | \% | 1.35 | \% | 1.88 | \% | 2.16 | \% | 2.40 | \% |
| Nonperforming assets to total assets | 0.91 | \% | 1.25 | \% | 1.60 | \% | 1.86 | \% | 1.99 | \% |
| Allowance for loan losses to nonperforming loans | 85.86 | \% | 84.35 | \% | 66.12 | \% | 60.06 | \% | 54.05 | \% |
| Allowance for loan losses to net loans receivable | 0.88 | \% | 1.14 | \% | 1.24 | \% | 1.30 | \% | 1.30 | \% |
| Average interest-earning assets to average interest-bearing liabilities | 1.26 | x | 1.25x |  | 1.24x |  | 1.23 x |  | 1.22x |  |
| Number of full-service offices | 181 |  | 162 |  | 165 |  | 165 |  | 168 |  |
| Number of consumer finance offices | 51 |  | 51 |  | 50 |  | 52 |  | 52 |  |

(1) Represents net income divided by average assets.
(2) Represents net income divided by average equity.
(3) Represents average yield on interest-earning assets less average cost of interest-bearing liabilities (shown on an
${ }^{(3)}$ FTE basis).
(4)Represents net interest income as a percentage of average interest-earning assets (shown on a FTE basis).

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

## Overview

Our principal business consists of attracting deposits and making loans secured by various types of collateral, including real estate and other assets in the markets in which we operate. Attracting and maintaining deposits is affected by a number of factors, including interest rates paid on competing investments offered by other financial and non-financial institutions, account maturities, fee structures, and levels of personal income and savings. Lending activities are affected by the demand for funds and thus are influenced by interest rates, the number and quality of lenders and regional economic conditions. Sources of funds for lending activities include deposits, borrowings, repayments on loans, cash flows from investment and mortgage-backed securities and income provided from
operations.
Our earnings depend primarily on our level of net interest income, which is the difference between interest earned on our interest-earning assets, consisting primarily of loans and investment securities, and the interest paid on interest-bearing liabilities, consisting primarily of deposits, borrowed funds, and trust-preferred securities. Net interest income is a function of our interest rate spread, which is the difference between the average yield earned on our interest-earning assets and the average rate paid on our interest-bearing liabilities, as well as a function of the average balance of interest-earning assets compared to the average balance of interest-bearing liabilities. Also contributing to our earnings is noninterest income, which consists primarily of service charges and fees on loan and deposit products and services, fees related to insurance and investment management and trust services, and net gains and losses on the sale of assets. Net interest income and noninterest income are offset by provisions for loan losses, general administrative and other expenses, including employee compensation and benefits and occupancy and equipment costs, as well as by state and federal income tax expense.

26

## Table of Contents

Our net income was $\$ 60.5$ million, or $\$ 0.64$ per diluted share, for the year ended December 31, 2015 compared to $\$ 62.0$ million, or $\$ 0.67$ per diluted share, for the year ended December 31, 2014 and $\$ 66.6$ million, or $\$ 0.73$ per diluted share, for the year ended December 31, 2013. The loan loss provision was $\$ 9.7$ million for the year ended December 31, 2015 compared to $\$ 20.3$ million for the year ended December 31, 2014 and $\$ 18.5$ million for the year ended December 31, 2013. We recorded other-than-temporary impairment losses on securities, which were reflected as a reduction of noninterest income, of $\$ 713,000$ for the year ended December 31, 2013.

Other than our loans for the construction of one-to-four family residential mortgage loans, we do not solicit "interest only" mortgage loans on one-to-four family residential properties (where the borrower pays interest for an initial period, after which the loan converts to a fully amortizing loan). We also do not offer loans that provide for negative amortization of principal, such as "Option ARM" loans, where the borrower can pay less than the interest owed on the loan, resulting in an increased principal balance during the life of the loan. We do not directly solicit "subprime loans" (loans that generally target borrowers with FICO scores of less than 660) or Alt-A loans (traditionally defined as loans having less than full documentation). However, a portion of the loans originated by one of our subsidiaries, Northwest Consumer Discount Company ("NCDC"), consists of loans to persons with credit scores that would cause such loans to be considered subprime. NCDC has been in operation for over 25 years and has 51 offices throughout Pennsylvania. NCDC offers a variety of consumer loans for automobiles, appliances and furniture as well as residential mortgage loans. At December 31, 2015, NCDC's total loan portfolio was approximately $\$ 106.9$ million with an average loan size of $\$ 4,479$, an average FICO score of 627 and an average yield of approximately $15.5 \%$. NCDC's total delinquency is approximately $4.9 \%$ of outstanding loans, with loans delinquent for 90 days or more at $1.3 \%$ of loans outstanding. Annual net charge-offs average approximately $\$ 3.2$ million, or $3.0 \%$ of outstanding loans, and it maintains an allowance for loan losses of $\$ 4.1$ million, or $3.9 \%$ of loans. Although loans originated through NCDC have higher average rates of delinquency and charge-offs than similar loans originated directly by Northwest Bank, management believes that the higher yields on loans originated through NCDC compensate for the incremental credit risk exposure.

## Critical Accounting Policies

Certain accounting policies are important to the understanding of our financial condition, since they require management to make difficult, complex or subjective judgments, some of which may relate to matters that are inherently uncertain. Estimates associated with these policies are susceptible to material changes as a result of changes in facts and circumstances, including, but without limitation, changes in interest rates, performance of the economy, financial condition of borrowers and laws and regulations. The following are the accounting policies we believe are critical.

Allowance for Loan Losses. We recognize that losses will be experienced on loans and that the risk of loss varies with the type of loan, the creditworthiness of the borrower, general economic conditions and the quality of the collateral for the loan. We maintain an allowance for losses inherent in the loan portfolio. The allowance for loan losses represents management's estimate of probable losses based on all available information. The allowance for loan losses is based on management's evaluation of the collectability of the loan portfolio, including past loan loss experience, known and inherent losses, information about specific borrower situations, estimated collateral values, and current economic conditions. The loan portfolio is reviewed regularly by management in its determination of the allowance for loan losses. The methodology for assessing the appropriateness of the allowance includes a review of historical losses, peer group comparisons, industry data and economic conditions. As an integral part of their examination process, regulatory agencies periodically review our allowance for loan losses and may require us to make additional provisions for estimated losses based upon judgments different from those of management. In establishing the allowance for loan losses, loss factors are applied to various pools of outstanding loans. Loss factors are derived using our historical loss experience and may be adjusted for factors that affect the collectability of the portfolio as of the evaluation date. Commercial loans over $\$ 1.0$ million that are criticized are evaluated individually to
determine the required allowance for loan losses and to evaluate the potential impairment. Although management believes that it uses the best information available to establish the allowance for loan losses, future adjustments to the allowance for loan losses may be necessary and results of operations could be adversely affected if circumstances differ substantially from the assumptions used in making the determinations. Because future events affecting borrowers and collateral cannot be predicted with certainty, there can be no assurance that the existing allowance for loan losses is adequate or that increases will not be necessary should the quality of loans deteriorate as a result of the factors discussed previously. Any material increase in the allowance for loan losses may adversely affect our financial condition and results of operations. The allowance is based on information known at the time of the review. Changes in factors underlying the assessment could have a material impact on the amount of the allowance that is necessary and the amount of provision to be charged against earnings. Such changes could impact future results. For further information related to our allowance for loan losses, see note 1(f) of the notes to the Consolidated Financial Statements.

Valuation of Investment Securities. Our investment securities are classified as either held-to-maturity or available-for-sale. Held-to-maturity securities are carried at amortized cost, while available-for-sale securities are carried at fair value. Unrealized gains or losses on available-for-sale securities, net of deferred taxes, are reported in other comprehensive income. Fair values are determined as described in note 16 of the notes to the Consolidated Financial Statements. Semi-annually (at May 31

## Table of Contents

and November 30), we validate the prices received from these third parties by comparing them to prices provided by a different independent pricing service. We have reviewed the detailed valuation methodologies provided to us by our pricing services. Additional information related to our investment securities can be found in note 1(d) of the notes to the Consolidated Financial Statements.

We conduct a quarterly review of all investment securities to determine if any declines in fair value are other than temporary. In making this determination, we consider the period of time the securities have been in an unrealized loss position, the percentage decline in comparison to the securities' amortized cost, the financial condition of the issuer, if applicable, and the delinquency or default rates of underlying collateral. We consider our intent to sell the investment securities evaluated and the likelihood that we will not have to sell the investment securities before recovery of their cost basis. If impairment exists, credit related impairment losses are recorded in earnings while noncredit related impairment losses are recorded in accumulated other comprehensive income, net of income taxes. Any future deterioration in the fair value of an investment security, or the determination that the existing unrealized loss of an investment security is other-than-temporary, may have a material adverse affect on future earnings.

Goodwill. Goodwill is not subject to amortization but must be tested for impairment at least annually, and possibly more frequently if certain events or changes in circumstances arise. Impairment testing requires that the fair value of each reporting unit be compared to its carrying amount, including goodwill. Reporting units are identified based upon analyzing each of our individual operating segments. A reporting unit is defined as any distinct, separately identifiable component of an operating segment for which complete, discrete financial information is available that management regularly reviews. Goodwill is allocated to the carrying value of each reporting unit based on its relative fair value at the time it is acquired. Determining the fair value of a reporting unit requires a high degree of subjective management judgment. With the assistance of an independent third party, we evaluate goodwill for possible impairment using four valuation methodologies including a public market peers approach, a comparable transactions approach, a control premium approach and a discounted cash flow approach.

Future changes in the economic environment or the operations of the reporting units could cause changes to these variables, which could give rise to declines in the estimated fair value of the reporting unit. Declines in fair value could result in impairment being identified. We have established June 30 of each year as the date for conducting our annual goodwill impairment assessment. Quarterly, we evaluate if there are any triggering events that would require an update to our previous assessment. The variables are selected as of June 30 and the valuation model is run to determine the fair value of each reporting unit. We did not identify any individual reporting unit where the fair value was less than the carrying value as of June 30, 2015.

Deferred Income Taxes. We use the asset and liability method of accounting for income taxes. Using this method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. If current available information raises doubt as to the realization of the deferred tax assets, a valuation allowance is established. Deferred tax assets and liabilities are measured using enacted tax rates expected to be applied to taxable income in the years in which those temporary differences are expected to be recovered or settled. We exercise significant judgment in evaluating the amount and timing of recognition of the resulting tax liabilities and assets. These judgments require us to make projections of future taxable income. The judgments and estimates we make in determining our deferred tax assets, which are inherently subjective, are reviewed on an ongoing basis as regulatory and business factors change. A reduction in estimated future taxable income could require us to record a valuation allowance. Changes in levels of valuation allowances could result in increased income tax expense, and could negatively affect earnings.

Pension Benefits. Pension expense and obligations are dependent on assumptions used in calculating such amounts. These assumptions include discount rates, anticipated salary increases, interest costs, expected return on plan assets, mortality rates, and other factors. In accordance with U.S. generally accepted accounting principles, actual results that
differ from the assumptions are amortized over average future service and, therefore, generally affect recognized expense. While management believes that the assumptions used are appropriate, differences in actual experience or changes in assumptions may affect our pension obligations and future expense.

In determining the projected benefit obligations for pension benefits at December 31, 2015 and 2014, we used a discount rate of $4.25 \%$ and $3.89 \%$, respectively. We use the Citigroup Pension Liability Index rates matching the duration of our benefit payments as of the measurement date, December 31, to determine the discount rate.

## Table of Contents

Balance Sheet Analysis
On August 14, 2015, we acquired LNB, the parent company of The Lorain National Bank. As a result, we acquired assets with a fair value of $\$ 1.211$ billion, including investment securities with a fair value of $\$ 184.2$ million, loans with a fair value of $\$ 928.1$ million, and we assumed deposits of $\$ 1.034$ billion and borrowings of $\$ 63.2$ million. The following table shows certain assets and liabilities at the dates indicated for comparative purposes:

|  | Balance at December 31, 2015 | LNB acquired, at fair value August 14, 2015 <br> (In thousands) | Adjusted balance at December 31, 2015 | Balance at December 31, 2014 |
| :---: | :---: | :---: | :---: | :---: |
| Assets: |  |  |  |  |
| Total marketable securities available-for-sale | 874,405 | 184,169 | 690,236 | 912,371 |
| Total marketable securities held-to-maturity | 31,689 | - | 31,689 | 103,695 |
| Total marketable securities | \$906,094 | 184,169 | 721,925 | 1,016,066 |
| Personal Banking: |  |  |  |  |
| Residential mortgage loans | \$2,740,892 | 48,128 | 2,692,764 | 2,521,456 |
| Home equity loans | 1,187,106 | 153,986 | 1,033,120 | 1,066,131 |
| Other consumer loams | 520,289 | 222,708 | 297,581 | 242,744 |
| Total Personal Banking | 4,448,287 | 424,822 | 4,023,465 | 3,830,331 |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 2,351,434 | 429,039 | 1,922,395 | 1,801,184 |
| Commercial loans | 422,400 | 74,240 | 348,160 | 358,376 |
| Total Business Banking | 2,773,834 | 503,279 | 2,270,555 | 2,159,560 |
| Total loans | \$7,222,121 | 928,101 | 6,294,020 | 5,989,891 |
| Liabilities: |  |  |  |  |
| Noninterest-bearing demand deposits | \$1,177,256 | 142,087 | 1,035,169 | 891,248 |
| Interest-bearing demand deposits | 1,080,086 | 185,849 | 894,237 | 874,623 |
| Money market deposit accounts | 1,274,504 | 142,878 | 1,131,626 | 1,179,070 |
| Savings deposits | 1,386,017 | 127,532 | 1,258,485 | 1,209,287 |
| Time deposits | 1,694,718 | 435,646 | 1,259,072 | 1,478,314 |
| Total deposits | \$6,612,581 | 1,033,992 | 5,578,589 | 5,632,542 |
| FHLB advances | \$750,343 | 62,500 | 687,843 | 725,395 |
| FHLB overnight advances | 106,000 | - | 106,000 | - |
| Collateralized borrowings | 118,664 | 669 | 117,995 | 162,714 |
| Total borrowed funds | \$975,007 | 63,169 | 911,838 | 888,109 |

Assets. Total assets at December 31, 2015 were $\$ 8.952$ billion, an increase of $\$ 1.177$ billion, or $15.1 \%$, from $\$ 7.775$ billion at December 31, 2014. This increase in assets was due primarily to the addition of $\$ 1.211$ billion, at fair value, of assets related to the LNB acquisition. Additionally, originated net loans receivable increased by $\$ 304.1$ million during 2015. Partially offsetting these increases were decreases in marketable securities and interest-earning deposits in other financial institutions of $\$ 110.0$ million and $\$ 73.3$ million, respectively. A discussion of significant changes follows.

Cash and interest-earning deposits in other financial institutions. Total cash decreased by $\$ 73.3$ million, or $30.5 \%$, to $\$ 167.4$ million at December 31, 2015, from $\$ 240.7$ million at December 31, 2014. This decrease was a result of using cash to pay for merger considerations for LNB and to fund loan growth.

Investment securities. Investment securities decreased by $\$ 110.0$ million, or $10.8 \%$, to $\$ 906.1$ billion at December 31, 2015 from $\$ 1.016$ billion at December 31, 2014. This decrease was a result of using the cash flow generated from these portfolios to fund loan growth, the LNB acquisition, and to payoff FHLB term advances. During the year ended December 31, 2015, we did not have any other-than-temporary credit related impairment charges within our investment portfolio.

## Table of Contents

The following table sets forth certain information regarding the amortized cost and fair value of our available-for-sale investment securities portfolio and mortgage-backed securities portfolio at the dates indicated.

At December 31,

| 2015 |  | 2014 |  | 2013 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Amortized Fair <br> cost value | Amortized | Fair | Amortized | Fair |  |
| (In thousands) |  |  |  |  |  |

Residential mortgage-backed securities available for sale:
Fixed-rate pass through certificates
Variable-rate pass through certificates
Fixed-rate non-agency CMOs
Fixed-rate agency CMOs
Variable-rate non-agency CMOs
Variable-rate agency CMOs

| $\$ 118,266$ | 120,326 | 72,852 | 75,877 | 85,306 | 87,272 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 54,292 | 56,901 | 66,140 | 69,598 | 78,890 | 82,399 |
| 2,519 | 2,749 | 3,162 | 3,408 | 3,894 | 3,998 |
| 215,719 | 212,227 | 226,413 | 221,767 | 265,769 | 255,393 |
| - | - | - | - | 660 | 651 |
| 86,090 | 86,514 | 113,842 | 114,462 | 146,908 | 147,361 |
| $\$ 476,886$ | 478,717 | 482,409 | 485,112 | 581,427 | 577,074 |

Total residential mortgage-backed securities available for sale
Investment securities available for sale:

| U.S. Government, agency and GSEs | $\$ 295,510$ | 294,451 | 335,943 | 333,530 | 322,754 | 316,089 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Municipal securities | 80,697 | 82,868 | 67,492 | 70,145 | 91,449 | 92,578 |
| Corporate debt issues | 14,463 | 16,475 | 18,267 | 20,427 | 21,150 | 21,176 |
| Equity securities and mutual funds | 1,400 | 1,894 | 2,591 | 3,157 | 5,298 | 9,850 |
| Total investment securities available for sale $\$ 392,070$ | 395,688 | 424,293 | 427,259 | 440,651 | 439,693 |  |

The following table sets forth certain information regarding the amortized cost and fair value of our held-to-maturity investment securities portfolio and mortgage-backed securities portfolio at the dates indicated.

At December 31,

| 2015 |  | 2014 |  | 2013 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Amortized | Fair | Amortized | Fair | Amortized | Fair |
| cost | value | cost | value | cost | value |

Residential mortgage-backed securities held to maturity:

| Fixed-rate pass through certificates | $\$ 6,458$ | 6,809 | 8,236 | 8,713 | 11,101 | 11,645 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Variable-rate pass through certificates | 3,618 | 3,659 | 4,273 | 4,395 | 5,172 | 5,243 |
| Fixed-rate agency CMOs | 14,033 | 14,252 | 23,382 | 23,913 | 34,425 | 35,172 |
| Variable-rate agency CMOs | 970 | 982 | 1,052 | 1,064 | 1,352 | 1,362 |
| Total residential mortgage-backed securities | $\$ 25,079$ | 25,702 | 36,943 | 38,085 | 52,050 | 53,422 |
| held to maturity |  |  |  |  |  |  |
| Investment securities held to maturity: | $\$ 6,610$ | 6,850 | 66,752 | 68,207 | 69,316 | 70,639 |
| Municipal securities | $\$ 6,610$ | 6,850 | 66,752 | 68,207 | 69,316 | 70,639 |

## Table of Contents

The following table sets forth information regarding the issuers and the carrying value of our mortgage-backed securities at the dates indicated.

Residential mortgage-backed securities:

| FNMA | $\$ 234,204$ | 230,051 | 279,684 |
| :--- | :--- | :--- | :--- |
| GNMA | 48,283 | 54,422 | 66,802 |
| FHLMC | 209,788 | 223,479 | 264,752 |
| SBA | 8,166 | 10,052 | 12,569 |
| Other (non-agency) | 3,355 | 4,051 | 5,317 |
| Total mortgage-backed securities | $\$ 503,796$ | 522,055 | 629,124 |

Further information and analysis of our investment portfolio, including tables with information related to gross unrealized gains and losses on available-for sale and held-to-maturity investment securities and tables showing the fair value and gross unrealized losses on investment securities aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position are located in note 4 of the notes to the Consolidated Financial Statements.

31

## Table of Contents

Investment Portfolio Maturities and Yields. The following table sets forth the scheduled maturities, carrying values, amortized cost, market values and weighted average yields for our investment securities and mortgage-backed securities portfolios at December 31, 2015. Adjustable-rate mortgage-backed securities are included in the period in which interest rates are next scheduled to adjust.
$\begin{array}{ll}\text { One year or less } & \begin{array}{l}\text { More than one yeaMore than five years to } \\ \text { More } \\ \text { five years than years ten yearkotal }\end{array}\end{array}$
Annualized Annualized Annualized Annualized Annualized AmortizedweighteAmortizedweighteAmortizedweighteAmortizedweighteAmortizedFair cost averagecost averagecost averagecost averagecost value
$\begin{array}{lllll}\text { yield } & \text { yield } & \text { yield } & \text { yield } & \text { yield }\end{array}$ (Dollars in thousands)
Investment
securities
available for sale:
Government sponsored entities $\$ 15,500 \quad 0.56 \% ~ \$ 257,4631.24 \% ~ \$ 12,721 \quad 1.84 \% ~ \$ 9,815 \quad 2.96 \% ~ \$ 295,499 \quad 294,440 \quad 1.28 \%$
U.S. Government $\begin{array}{lllllllllll} & 11 & 1.18 \% & - & - & - & - & - & 11 & 11 & 18 \%\end{array}$ obligations
Municipal securities
Corporate debt issues

| Equity securities |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| and mutual funds |$\quad-\quad-\quad-\quad-\quad 1,400 \quad 6.23 \% \quad 1,400 \quad 1,894 \quad 3.23 \%$

Total investment $\begin{array}{lllllllllll}\text { securities } & 17,195 & 0.91 \% & 271,790 & 1.29 \% & 25,121 & 2.51 \% & 77,964 & 3.41 \% & 392,070 & 395,688\end{array} \mathbf{1 . 7 8 \%}$ available for sale
Residential
mortgage-backed securities available for sale: Pass through certificates $\begin{array}{lllllllllllllll}\text { CMOs } & 86,090 & 0.88 \% & 23,533 & 1.96 \% & 37,356 & 1.48 \% & 157,349 & 1.62 \% & 304,328 & 301,490 & 1.42 \%\end{array}$ Total residential mortgage-backed securities available for sale

Investment
securities
held-to-maturity:
Municipal
securities - - - -

Total investment
$\begin{array}{lllllllllll}\text { securities } & - & - & - & - & 274 & 3.85 \% & 6,336 & 4.18 \% & 6,610 & 6,850\end{array}$ held-to-maturity

Residential
mortgage-backed securities
held-to-maturity:
$\left.\begin{array}{lllllllllll}\text { Pass through } & 3,618 & 1.43 \% & & & & 5,006 & 3.62 \% & 1,452 & 4.44 \% & 10,076\end{array}\right) 10,468 \quad 2.95 \%$

Total residential mortgage-backed
${ }^{4}$ $4,588 \quad 1.37 \% 818 \quad 2.03 \% 7,716$ $3.18 \% \quad 11,957 \quad 3.18 \% \quad 25,079 \quad 25,702 \quad 2.81 \%$ securities held-to-maturity
Total investment
securities and $\$ 162,1661.33 \% ~ \$ 300,488 \quad 1.35 \% ~ \$ 115,8932.04 \% ~ \$ 322,0982.46 \% ~ \$ 900,645 \quad 906,9571.83 \%$ mortgage-backed

32

## Table of Contents

Loans receivable. Net loans receivable increased by $\$ 1.237$ billion, or $20.9 \%$, to $\$ 7.159$ billion at December 31, 2015, from $\$ 5.922$ billion at December 31, 2015. This increase was due primarily to the addition of $\$ 928.1$ million, at fair value, of loans related to the LNB acquisition. Additionally, originated loans increased by $\$ 304.1$ million, or $5.1 \%$, with retail banking loans increasing by $\$ 193.1$ million, or $5.0 \%$, and commercial banking loans increasing by $\$ 111.0$ million, or $5.1 \%$. The increase in retail banking loans occurred primarily in our residential mortgage loan portfolio, which increased by $\$ 171.3$ million, or $6.8 \%$, as a result of refocusing on our traditional lending niche and improving our application and underwriting processes. In addition, our efforts to expand beyond traditional residential mortgage lending continued to produce results as our commercial real estate loan portfolio increased by $\$ 121.2$ million, or $6.7 \%$.

The following table sets forth the recorded investment in loans receivable by state (based on borrowers' domicile) at December 31, 2015.

| (Dollars in thousands) | Residential mortgage | (1) |  | Home equity(2) |  |  | Other consumer | (3) |  | Commercia real estate loans | (4) |  | Commerci loans |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pennsylvania | \$2,310,860 | 84.3 | \% | \$879,447 | 74.0 | \% | \$260,170 | 49.9 | \% | \$965,090 | 41.0 | \% | \$284,611 | 67.4 \% |
| New York | 171,790 | 6.3 | \% | 124,291 | 10.5 | \% | 12,244 | 2.4 | \% | 749,435 | 31.9 | \% | 53,420 | 12.6 \% |
| Ohio | 70,209 | 2.6 | \% | 154,003 | 13.0 | \% | 102,034 | 19.6 | \% | 453,180 | 19.3 | \% | 68,327 | 16.2 \% |
| Maryland | 129,129 | 4.7 | \% | 24,458 | 2.1 | \% | 1,870 | 0.4 | \% | 122,775 | 5.2 | \% | 5,662 | 1.3 \% |
| All other | 58,904 | 2.1 |  | 4,907 | 0.4 | \% | 143,971 | 27.7 | \% | 60,954 | 2.6 | \% | 10,380 | 2.5 \% |
| Total | \$2,740,892 | 100.0 |  | \$1,187,106 | 100.0 |  | \$520,289 | 100.0 | \% | \$2,351,434 | 100.0 | \% | \$422,400 | 100.0\% |

(1) Percentage of total mortgage loans
(2) Percentage of total home equity loans
(3) Percentage of total other consumer loans
(4) Percentage of total commercial real estate loans
(5) Percentage of total commercial loans
(6) Percentage of total loans

33

## Table of Contents

Set forth below are selected data related to the composition of our loan portfolio by type of loan as of the dates indicated.

At December 31,

| 2015 | 2014 | 2013 | 2012 | 2011 |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Amount | Percent Amount |  |  |  |  |
| (Dollars in thousands) |  |  |  |  |  |

Personal Banking:
Residential mortgage loans
Home equity loans
\$2,741,277 $37.0 \% ~ \$ 2,526,240$
$41.2 \%$ \$2,492,138 $42.2 \% \$ 2,431,860 \quad 42.0 \% \$ 2,414,992$

Other consumer
loans:
Automobile
Education loans
345,794
4.7 \% 92,659
1.5 \% 82,194 $\quad 1.4$ \% 78,577 1.3 \% 80,839

7,541
0.1 \% 9,890
0.2 \% 12,394
0.2 \% 14,606
0.3 \% 18,840

Loans on savings accounts
Other (1) 149,364
2.0 \% 131,729
2.2 \% 124,720
2.1 \% 125,408
2.2 \% 124,831
2.3

Total other
consumer loans
$510,617 \quad 6.9 \quad \% \quad 242,744$
$4.0 \% 228,348$
$3.9 \% 228,350$
$4.0 \% 236,274$

Total Personal
Banking
4,439,000 $60.0 \% 3,835,115 \quad 62.6 \% 3,804,425$
64.4 \% 3,743,864
64.7 \% 3,745,467

Business
Banking:
Commercial real
estate
2,524, 274
34.1 \% 1,874,944
30.6 \% 1,689,382
28.6 \% 1,626,555
28.1 \% 1,487,757
26.
$\begin{array}{llllllllllll}\text { Commercial loans 437,715 } & 5.9 & \% & 419,525 & 6.8 & \% & 413,451 & 7.0 & \% & 422,090 & 7.2 & \% \\ 401,832 & 7.1\end{array}$
Total Business
Banking
2,961,989 $40.0 \% 2,294,469 \quad 37.4 \% 2,102,833$
Total loans
receivable, gross
$7,400,989 \quad 100.0 \% ~ 6,129,584 \quad 100.0 \% 5,907,258 \quad 100.0 \% 5,792,509 \quad 100.0 \% ~ 5,635,056 \quad 100$

Deferred loan
costs/ (fees)
Undisbursed loan proceeds
Allowance for
loan losses:
Personal Banking:
Residential mortgage loans
Home equity
loans
Other consumer
loans:

| $(4,710$ | $)$ | $(5,581$ | $)$ | $(7,875$ | $)$ | $(8,002$ | $)$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $(4,042$ | $)$ | $(4,550$ | $)$ | $(7,245$ | $)$ | $(8,294$ | $)$ |
| $(7,598$ | $)$ | $(6,118$ | $)$ | $(5,487$ | $)$ | $(5,156$ | $)$ |
| $(16,350$ | $)$ | $(16,249$ | $)$ | $(20,607$ | $)$ | $(21,452$ | $)$ |

Total Personal
Banking
Business
Banking:

| Commercial real estate | (33,787 | ) | (32,937 | ) | (34,969 | ) | (34,499 | ) | (32,148 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial loans | (12,535 | ) | (13,967 | ) | (11,110 | ) | (13,242 | ) | (12,080 |
| Total Business | (46,322 | ) | (46,904 | ) | (46,079 | ) | (47,741 | ) | (44,228 |
| Unallocated | - |  | (4,365 | ) | (4,662 | ) | (4,026 | ) | (4,416 |
| Total allowance for loan losses | (62,672 | ) | (67,518 | ) | (71,348 | ) | (73,219 | ) | (71,138 |
| Total loans receivable, net | \$7,159,449 |  | \$5,922,3 |  | \$5,734, |  | \$5,629, |  | \$5,480,381 |

(1) Consists primarily of secured and unsecured personal loans.

## Table of Contents

The following table sets forth the maturity or period of re-pricing of our loan portfolio at December 31, 2015. Demand loans and loans having no stated schedule of repayments and no stated maturity are reported as due in one year or less. Adjustable and floating-rate loans are included in the period in which interest rates are next scheduled to adjust rather than in which they contractually mature, and fixed-rate loans are included in the period in which the final contractual repayment is due.

| At December 31, 2015 (In thousands) | Due in one year or less | Due after one year through two years | Due after two years through three years | Due after three years through five years | Due after five years | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |
| Residental mortgage loans | \$146,261 | 123,634 | 121,564 | 246,054 | 2,103,764 | 2,741,277 |
| Home equity loans | 522,214 | 74,434 | 71,645 | 126,755 | 392,058 | 1,187,106 |
| Other consumer loans | 159,575 | 100,483 | 91,448 | 138,365 | 20,746 | 510,617 |
| Total Personal Banking | 828,050 | 298,551 | 284,657 | 511,174 | 2,516,568 | 4,439,000 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 1,058,547 | 385,743 | 344,038 | 527,986 | 207,960 | 2,524,274 |
| Commercial loans | 241,268 | 44,602 | 44,649 | 64,941 | 42,255 | 437,715 |
| Total Business Banking | 1,299,815 | 430,345 | 388,687 | 592,927 | 250,215 | 2,961,989 |
| Total | \$2,127,865 | 728,896 | 673,344 | 1,104,101 | 2,766,783 | 7,400,989 |

The following table sets forth at December 31, 2015, the dollar amount of all fixed-rate and adjustable-rate loans due one year or more after the date indicated. Adjustable and floating-rate loans are included in the table based on the contractual due date of the loan.

At December 31, 2015 (In thousands)
Personal Banking:
Residental mortgage loans
Home equity loans
Other consumer loans
Total Personal Banking

| Fixed | Adjustable | Total |
| :--- | :--- | :--- |
|  |  |  |
| $\$ 2,619,884$ | 39,234 | $2,659,118$ |
| 936,456 | 413,194 | $1,349,650$ |
| 364,019 | 29,507 | 393,526 |
| $3,920,359$ | 481,935 | $4,402,294$ |

Business Banking:

| Commercial real estate loans | 691,696 | $1,242,857$ | $1,934,553$ |
| :--- | :--- | :--- | :--- |
| Commercial loans | 109,844 | 118,030 | 227,874 |
| Total Business Banking | 801,540 | $1,360,887$ | $2,162,427$ |
| Total | $\$ 4,721,899$ | $1,842,822$ | $6,564,721$ |

Deposits. Total deposits increased by $\$ 980.0$ million, or $17.4 \%$, to $\$ 6.613$ billion at December 31, 2015 from $\$ 5.633$ billion at December 31, 2014, due to the addition of $\$ 1.034$ billion of deposits, at fair value, related to the LNB acquisition. Excluding acquired deposits, total deposits decreased by $\$ 54.0$ million. Excluding the LNB acquisition, time deposits decreased by $\$ 219.2$ million, or $14.8 \%$, to $\$ 1.259$ billion at December 31, 2015 from $\$ 1.478$ billion at December 31, 2014 and money market demand accounts decreased by $\$ 47.4$ million, or $4.0 \%$, to $\$ 1.132$ billion at December 31, 2015 from $\$ 1.179$ billion at December 31, 2014, as customers continue to favor more liquid accounts, such as savings deposits and checking accounts. As a result savings deposits increased by $\$ 49.2$ million, or $4.1 \%$, to $\$ 1.258$ billion at December 31, 2015 from $\$ 1.209$ billion at December 31, 2014. Demand deposits increased by $\$ 163.5$
million, or $9.3 \%$, to $\$ 1.929$ billion at December 31, 2015 from $\$ 1.766$ billion at December 31, 2014. The increase in demand deposits is primarily the result of our efforts to procure new checking account customers and increase low-cost deposits.

## Table of Contents

The following table sets forth the dollar amount of deposits in each state indicated as of December 31, 2015.

| State | $\begin{array}{l}\text { Balance }\end{array}$ |  | Percent |  |
| :--- | :--- | :--- | :--- | :---: |
| (Dollars in thousands) |  |  |  |  |$]$

The following table indicates the amount of our certificates of deposit of $\$ 100,000$ or more by time remaining until maturity at December 31, 2015.

| Maturity period | Certificates of <br> deposit <br> (In thousands) |
| :--- | :--- |
| Three months or less | $\$ 102,939$ |
| Over three months through six months | 71,425 |
| Over six months through twelve months | 126,470 |
| Over twelve months | 217,856 |
| Total | $\$ 518,690$ |

The following table sets forth the dollar amount of deposits in the various types of accounts we offered at the dates indicated.

At December 31, 201520142013
Balance Percent (1)Rate (2) Balance Percent (1)Rate (2) Balance Percent (1)Rate (2) (Dollars in thousands)
Savings deposits $\begin{array}{lllllllllllllll}\begin{array}{l}\text { Demand } \\ \text { deposits }\end{array} & 2,257,342 & 34.1 & \% & 0.03 & \% & 1,765,871 & 31.4 & 0.03 & \% & 1,641,944 & 29.0 & 0.03 & \%\end{array}$ Money market $\begin{array}{llllllllllllll}\text { demand } & 1,274,504 & 19.3 & \% & 0.28 & \% & 1,179,070 & 20.9 & 0.28 & \% & 1,167,954 & 20.6 & 0.28 & \%\end{array}$ accounts Time deposits:

| Maturing <br> within 1 year | 929,351 | 14.0 | $\%$ | 0.95 | $\%$ | 647,699 | 11.5 | 0.77 | $\%$ | 665,779 | 11.7 | 0.60 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Maturing 1 to 3 <br> years | 654,132 | 9.9 | $\%$ | 1.20 | $\%$ | 712,479 | 12.6 | 1.51 | $\%$ | 622,934 | 11.0 | 1.64 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Maturing more | 111,235 | 1.7 | $\%$ | 1.45 | $\%$ | 118,136 | 2.1 | 1.10 | $\%$ | 378,684 | 6.7 | 1.50 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | than 3 years

Total certificates $\begin{array}{llllllllllllll}1,694,718 & 25.6 & \% & 1.08 & \% & 1,478,314 & 26.2 & 1.15 & \% & 1,667,397 & 29.4 & 1.19 & \%\end{array}$
$\begin{array}{lllllllllllllll}\text { Total deposits } & \$ 6,612,581 & 100.0 & \% & 0.39 & \% & \$ 5,632,542 & 100.0 & \% & 0.42 & \% & \$ 5,668,879 & 100.0 & \% & 0.46\end{array}$
(1) Represents percentage of total deposits.
(2) Represents weighted average nominal rate at year end.

## Table of Contents

Borrowings. Borrowings increased by $\$ 86.9$ million, or $9.8 \%$, to $\$ 975.0$ million at December 31, 2015 from $\$ 888.1$ million at December 31, 2014. During 2015 we borrowed $\$ 120.0$ million from the FHLB with an average maturity of 7.9 years and an average interest rate of $2.34 \%$. Our intention was to lock in long-term, low-cost borrowings in order to fund the FHLB advances that matured in 2015. Additionally, at December 31, 2015 we had $\$ 106.0$ million outstanding in FHLB overnight advances. Partially offsetting this increase was a decrease of $\$ 47.7$ million in collateralized borrowings and the maturity of $\$ 110.0$ million of FHLB advances, and the payoff of $\$ 62.5$ million of acquired LNB FHLB advances.

The following table sets forth information concerning our borrowings at the dates and for the periods indicated.

Federal Home Loan Bank of Pittsburgh borrowings:
Average balance outstanding
Maximum outstanding at end of any month during year
Balance outstanding at end of year
Weighted average interest rate during year
Weighted average interest rate at end of year
During the years ended December 31, 201520142013
(Dollars in thousands)

Collateralized borrowings:
Average balance outstanding
Maximum outstanding at end of any month during year
Balance outstanding at end of year
Weighted average interest rate during year
Weighted average interest rate at end of year

| $\$ 780,946$ |  | 725,420 |  | 718,559 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 856,343 |  | 725,441 |  | 725,493 |  |
| 856,343 |  | 725,395 |  | 725,447 |  |
| 3.44 | $\%$ | 3.60 | $\%$ | 3.61 | $\%$ |
| 3.12 | $\%$ | 3.60 | $\%$ | 3.60 | $\%$ |

Total borrowings:
Average balance outstanding
Maximum outstanding at end of any month during year
Balance outstanding at end of year
Weighted average interest rate during year
Weighted average interest rate at end of year

| $\$ 144,737$ |  | 155,698 |  | 150,079 |
| :--- | :--- | :--- | :--- | :--- |
| 166,403 |  | 174,155 |  | 171,815 |
| 118,664 |  | 162,714 |  | 156,198 |
| 0.23 | $\%$ | 0.29 | $\%$ | 0.31 |
| 0.22 | $\%$ | 0.27 | $\%$ | 0.31 |

$0.22 \quad \% \quad 0.27 \quad \% \quad 0.31 \quad \%$

Shareholders' equity. Total shareholders' equity at December 31, 2015 was $\$ 1.163$ billion, an increase of $\$ 100.5$ million, or $9.5 \%$, from $\$ 1.063$ billion at December 31, 2014. This increase in equity was primarily the result of the issuance of $7,056,704$ shares of our common stock at $\$ 12.84$ per share for the LNB acquisition, as well as net income of $\$ 60.5$ million. These increases were partially offset by the payment of cash dividends of $\$ 52.8$ million.

## Table of Contents

Average Balance Sheets
The following tables set forth average balance sheets, average yields and costs, and certain other information at and for the periods indicated. All average balances are daily average balances. Non-accrual loans are included in the computation of average balances. The yields set forth below include the effect of deferred fees and discounts and premiums that are amortized or accreted to interest income or expense. The average yield for loans receivable and investment securities are calculated on a fully-taxable equivalent basis.

For the Years Ended December 31,

2015
Average
Outstanding
ng Interest
Balance
(Dollars in thousands)

2014
Average Average
Yield/ C@utstanding Interest
(10) Balance


2013
Average Average
Average
Yield/ Costtstanding Interest Yield/ Cost
(10) Balance
(10)

Interest-earning assets:
Loans receivable
(includes FTE
adjustments of
\$1,973, \$2,057 and
$\$ 6,460,078 \quad 300,6384.65 \% \quad \$ 5,883,244 \quad 284,107 \quad 4.83 \%$ \$5,682,431 $289,235 \quad 5.09 \%$
$\$ 2,258$, respectively)
(1)(2)(3)
$\begin{array}{lllllllllllll}\begin{array}{l}\text { Mortgage-backed } \\ \text { securities (5) }\end{array} & 500,797 & 8,823 & 1.76 & \% & 581,906 & 10,320 & 1.77 & \% & 701,589 & 12,818 & 1.83 & \%\end{array}$
Investment securities
(includes FTE
adjustments of
$\$ 2,322, \$ 3,381$ and
$\$ 4,210$, respectively)
(4)(5)

Federal Home Loan
Bank stock (11)
$\begin{array}{llllllllllll}\begin{array}{l}\text { Interest-earning } \\ \text { deposits }\end{array} & 179,201 & 431 & 0.24 & \% & 325,201 & 837 & 0.25 & \% & 410,022 & 1,093 & 0.26\end{array}$
Total interest-earning
assets (includes FTE
adjustments of 7,647,144 322,835 $4.22 \%$ 7,332,044 $310,8654.24 \% 7,359,375 \quad 319,564 \quad 4.34 \%$
$\$ 4,295$ \$5,438 and
$\$ 6,468$, respectively)
Non-interest-earning
assets (6)
Total assets
677,441

Interest-bearing liabilities:
Savings deposits
Interest-bearing demand deposits
Money market demand accounts Time deposits

| $\$ 1,300,102$ | 3,387 | 0.26 | $\%$ | $\$ 1,221,304$ | 3,286 | 0.27 | $\%$ | $\$ 1,197,931$ | 3,595 | 0.30 | $\%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 976,789 | 568 | 0.06 | $\%$ | 882,980 | 587 | 0.07 | $\%$ | 855,031 | 576 | 0.07 | $\%$ |
| $1,202,143$ | 3,222 | 0.27 | $\%$ | $1,181,235$ | 3,174 | 0.27 | $\%$ | $1,133,584$ | 3,042 | 0.27 | $\%$ |
| $1,540,905$ | 16,878 | 1.10 | $\%$ | $1,575,595$ | 18,275 | 1.16 | $\%$ | $1,766,219$ | 22,066 | 1.25 | $\%$ |

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| Borrowed funds (7) | 925,683 | 27,347 | 2.95 | \% | 881,118 | 26,574 | 3.02 | \% | 868,638 | 26,439 | 3.04 \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Junior subordinated deferrable interest debentures | 108,507 | 4,925 | 4.48 | \% | 103,094 | 4,691 | 4.49 | \% | 103,094 | 5,444 | 5.21 \% |
| Total interest-bearing liabilities | 6,054,129 | 56,327 | 0.93 | \% | 5,845,326 | 56,587 | 0.97 | \% | 5,924,497 | 61,162 | 1.03 \% |
| Non-interest-bearing checking | 1,001,263 |  |  |  | 864,322 |  |  |  | 784,279 |  |  |
| Non-interest-bearing liabilities | 166,531 |  |  |  | 94,298 |  |  |  | 87,193 |  |  |
| Total liabilities | 7,221,923 |  |  |  | 6,803,946 |  |  |  | 6,795,969 |  |  |
| Shareholders' equity | 1,102,662 |  |  |  | 1,089,205 |  |  |  | 1,133,961 |  |  |
| Total liabilities and stockholders' equity | \$8,324,585 |  |  |  | \$7,893,151 |  |  |  | \$7,929,930 |  |  |
| Net interest income |  | 266,508 |  |  |  | 254,278 |  |  |  | 258,402 |  |
| Net interest rate |  |  | 3.29 | \% |  |  | 3.27 | \% |  |  | 3.31 \% |

spread (8)
Net interest earning assets/
Net interest margin (9)
\$1,593,015
$3.49 \% \$ 1,486,718$
$3.47 \%$ 1,434,878
$3.51 \%$
Ratio of average interest-earning assets to average 1.26 x 1.25 x 1.24 x interest-bearing liabilities
(1) Average gross loans receivable includes loans held as available-for-sale and loans placed on nonaccrual status.
(2)Interest income includes accretion/amortization of deferred loan fees/expenses, which was not material.
(3)Interest income on tax-free loans is presented on a taxable equivalent basis including adjustments as indicated.
(4) Interest income on tax-free investment securities is presented on a taxable equivalent basis including adjustments
(4) as indicated.
(5) Average balances do not include the effect of unrealized gains or losses on securities held as available-for-sale.
(6) Average balances include the effect of unrealized gains or losses on securities held as available-for-sale.
(7) Average balances include Federal Home Loan Bank advances and collateralized borrowings.
${ }_{(8)}$ Net interest rate spread represents the difference between the average yield on interest-earning assets and the
(8) average cost of interest-bearing liabilities.
(9)Net interest margin represents net interest income as a percentage of average interest-earning assets. Shown on a FTE basis. GAAP basis yields for the years ended December 31, 2015, 2014 and 2013 were: Loans $4.62 \%, 4.79 \%$ and $5.05 \%$, respectively, Investment securities - $1.88 \%, 2.08 \%$ and $2.28 \%$, respectively,
(10)interest-earning assets - $4.17 \%, 4.17 \%$ and $4.25 \%$, respectively, GAAP basis net interest rate spreads were $3.24 \%$, $3.20 \%$ and $3.22 \%$, respectively, and GAAP basis net interest margins were $3.43 \%, 3.39 \%$ and $3.42 \%$, respectively.
(11)Excludes from the average yield calculation the $\$ 1.0$ million special dividend paid in February 2015.

38

## Table of Contents

## Rate/Volume Analysis

The following table presents the changes in interest income and interest expense for major components of interest-earning assets and interest-bearing liabilities for the year ended December 31, 2015 compared to 2014 and for the year ended December 31, 2014 compared to 2013. For each category of interest-earning assets and interest-bearing liabilities, information is provided on changes attributable to: (1) changes in volume multiplied by the prior year rate; (2) changes in rate multiplied by the prior year volume; and (3) the total increase or decrease. Changes not solely attributable to rate or volume have been allocated proportionately to the change due to volume and the change due to rate.

|  | Years end 2015 vs. <br> Increase <br> Due to <br> Rate <br> (In thous | 14 ecr <br> ds) | December <br> rease) <br> Volume |  | Total increase (decrease) |  | Years ended December 31, 2014 vs. 2013 <br> Increase (decrease) |  |  |  | Total increase (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest-earning assets: |  |  |  |  |  |  |  |  |  |  |  |
| Loans receivable | \$(11,325 | ) | 27,856 |  | 16,531 |  | \$(15,349 | ) | 10,221 |  | (5,128 |
| Mortgage-backed securities | (59 |  | (1,438 | ) | (1,497 | , | (375 |  | (2,123 | ) | (2,498 |
| Investment securities | (1,805 | ) | (832 | ) | (2,637 |  | (1,666 | ) | (589 | ) | (2,255 |
| Federal Home Loan Bank stock | 172 |  | (193 | ) | (21 |  | 1,636 |  | (198 | ) | 1,438 |
| Interest-earning deposits | (30 |  | (376 | ) | (406 | ) | (30 | ) | (226 | ) | (256 |
| Total interest-earning assets | (13,047 |  | 25,017 |  | 11,970 |  | (15,784 | ) | 7,085 |  | (8,699 |
| Interest-bearing liabilities: |  |  |  |  |  |  |  |  |  |  |  |
| Savings deposits | (104 |  | 205 |  | 101 |  | (372 |  | 63 |  | (309 |
| Interest-bearing demand deposits | (74 |  | 55 |  | (19 |  | (8) |  | 19 |  | 11 |
| Money market demand accounts | (8) |  | 56 |  | 48 |  | 4 |  | 128 |  | 132 |
| Time deposits | (1,017 |  |  | ) | (1,397 | ) | (1,580 | ) | (2,211 | ) | (3,791 |
| Borrowed funds | (544 |  | 1,317 |  | 773 |  | (241 |  | 376 |  | 135 |
| Junior subordinated deferrable interest debentures | (12 |  | 246 |  | 234 |  | (753 |  | - |  | (753 |
| Total interest-bearing liabilities | (1,759 |  | 1,499 |  | (260 | ) | (2,950 |  | (1,625 | ) | (4,575 |
| Net change in net interest income | \$(11,288 |  | 23,518 |  | 12,230 |  | \$(12,834 |  | 8,710 |  | (4,124 |

Comparison of Results of Operations for the Years Ended December 31, 2015 and 2014
General. Net income for the year ended December 31, 2015 was $\$ 60.5$ million, or $\$ 0.64$ per diluted share, a decrease of $\$ 1.5$ million, or $2.3 \%$, from $\$ 62.0$ million, or $\$ 0.67$ per diluted share, for the year ended December 31, 2014. The decrease in net income resulted from increases in noninterest expense of $\$ 18.4$ million, or $8.5 \%$, and income tax expense of $\$ 6.2$ million, or $28.3 \%$, and a decrease in noninterest income of $\$ 2.0$ million, or $2.7 \%$. Partially offsetting these factors was a decrease in provision for loan losses of $\$ 10.6$ million, or $52.2 \%$, and an increase in net interest income of $\$ 14.5$ million, or $5.8 \%$.

Net income for the year ended December 31, 2015 represents returns on average equity and on average assets of $5.49 \%$ and $0.73 \%$, respectively, compared to $5.69 \%$ and $0.79 \%$ for the year ended December 31, 2014. A discussion of significant changes follows.

Interest income. Total interest income increased by $\$ 14.2$ million, or $4.6 \%$, to $\$ 319.6$ million for the year ended December 31, 2015 from $\$ 305.4$ million for the year ended December 31, 2014. This increase is the result of an increase in the average balance on interest earning assets which increased by $\$ 315.1$ million, or $4.3 \%$, to $\$ 7.647$ billion for the year ended December 31, 2015 from $\$ 7.332$ billion for the year ended December 31, 2014. The average yield on interest-earning assets was $4.17 \%$ for both the years ended December 31, 2015 and 2014.

Interest income on loans receivable increased by $\$ 16.6$ million, or $5.9 \%$, to $\$ 298.7$ million for the year ended December 31, 2015 from $\$ 282.1$ million for the year ended December 31, 2014 which is attributed to an increase in the average balance of

## Table of Contents

loans receivable of $\$ 576.8$ million, or $9.8 \%$, to $\$ 6.460$ billion for the year ended December 31, 2015 from $\$ 5.883$ billion for the year ended December 31, 2014. This increase is due to continued success in growing business banking relationships, the retention of residential mortgage loan originations, and the addition of nearly $\$ 1.0$ billion of loans related to the LNB acquisition. Partially offsetting this increase was a decline in the average yield which decreased to $4.62 \%$ for the year ended December 31, 2015 from $4.79 \%$ for the year ended December 31, 2014. The continued decline in average yield is due primarily to the historically low level of market interest rates.

Interest income on mortgage-backed securities decreased by $\$ 1.5$ million, or $14.5 \%$, to $\$ 8.8$ million for the year ended December 31, 2015 from $\$ 10.3$ million for the year ended December 31, 2014. This decrease is the result of decreases in both the average balance and average yield. The average balance of mortgage-backed securities decreased by $\$ 81.1$ million, or $13.9 \%$, to $\$ 500.8$ million for the year ended December 31, 2015 from $\$ 581.9$ million for the year ended December 31, 2014 due primarily to redirecting cash flows from these securities to fund the LNB acquisition and fund loan growth. The average yield on mortgage-backed securities decreased by one basis point to $1.76 \%$ for the year ended December 31, 2015 from $1.77 \%$ for the year ended December 31, 2014.

Interest income on investment securities decreased by $\$ 1.6$ million, or $15.2 \%$, to $\$ 8.8$ million for the year ended December 31, 2015 from $\$ 10.4$ million for the year ended December 31, 2014. This decrease is the result of decreases in both the average balance and average yield. The average yield on investment securities decreased to $1.88 \%$ for the year ended December 31, 2015 from $2.08 \%$ for the year ended December 31, 2014. This decrease is primarily the result of higher rate, tax-free, municipal securities maturing or being called and if replaced, being replaced by lower yielding, shorter duration government agency securities. The average balance of investment securities decreased by $\$ 30.1$ million, or $6.0 \%$, to $\$ 469.6$ million for the year ended December 31, 2015 from $\$ 499.7$ million for the year ended December 31, 2014. This decrease is due primarily to the maturity or call of municipal and government agency securities and the use of these proceeds to fund the LNB acquisition and fund loan growth.

Dividends on FHLB stock increased by $\$ 1.0$ million, or $56.3 \%$, to $\$ 2.8$ million for the year ended December 31, 2015 from $\$ 1.8$ million for the year ended December 31, 2014. This increase is due to a $\$ 1.0$ million special dividend received in the first quarter of 2015. The average yield paid by the FHLB, exclusive of the special dividend, increased to $4.77 \%$ for the year ended December 31, 2015 from $4.31 \%$ for the year ended December 31, 2014. Partially offsetting these factors was a decrease in the average balance of $\$ 4.5$ million, or $10.7 \%$, to $\$ 37.5$ million for the year ended December 31, 2015 from $\$ 42.0$ million for the year ended December 31, 2014. Required FHLB stock holdings fluctuate with, among other things, the utilization of our borrowing capacity as well as capital requirements established by the FHLB.

Interest income on interest-earning deposits decreased by $\$ 406,000$, or $48.5 \%$, to $\$ 431,000$ for the year ended December 31, 2015 from $\$ 837,000$ for the year ended December 31, 2014. This decrease is primarily due to a decrease in the average balance of $\$ 146.0$ million, or $44.9 \%$, to $\$ 179.2$ million for the year ended December 31, 2015 from $\$ 325.2$ million for the year ended December 31, 2014, due to the utilization of cash to fund the LNB acquisition and fund loan growth. Additionally, the average yield on interest-earning deposits decreased by one basis point to $0.24 \%$ for the year ended December 31, 2015 from $0.25 \%$ for the year ended December 31, 2014.

Interest expense. Interest expense decreased by $\$ 260,000$, or $0.5 \%$, to $\$ 56.3$ million for the year ended December 31, 2015 from $\$ 56.6$ million for the year ended December 31, 2014. This decrease in interest expense was due to a decline in the average cost of interest-bearing liabilities, which decreased to $0.93 \%$ for the year ended December 31, 2015 from $0.97 \%$ for the year ended December 31, 2014. The average cost of every funding source, with the exception of money market demand accounts, declined from the prior year. In addition, there was a shift in deposit mix from time deposits to lower cost non-maturity deposits. Partially offsetting this decrease was an increase in the balance of interest-bearing liabilities of $\$ 208.8$ million, or $3.6 \%$, to $\$ 6.054$ billion for the year ended December 31, 2015 from $\$ 5.845$ billion for the year ended December 31, 2014. The increase in average interest-bearing liabilities resulted
primarily from the addition of $\$ 1.034$ billion, at fair value, of deposits from the LNB acquisition and an increase in borrowed funds of $\$ 44.6$ million, or $5.1 \%$.

Net interest income. Net interest income increased by $\$ 14.5$ million, or $5.8 \%$, to $\$ 263.3$ million for the year ended December 31, 2015 from $\$ 248.8$ million for the year ended December 31, 2014. This increase is attributable to the factors discussed above. Loan growth enabled us to redirect cash flows from lower yielding cash and investments which helped offset overall lower market interest rates and increase our net interest spread and margin. Our net interest rate spread increased to $3.24 \%$ for the year ended December 31, 2015 from $3.20 \%$ for the year ended December 31, 2014 and our net interest margin increased to 3.43\% for the year ended December 31, 2015 from 3.39\% for the year ended December 31, 2014.

Provision for loan losses. We analyze the allowance for loan losses as described in note 1(f) of the notes to the Consolidated Financial Statements. The provision for loan losses decreased by $\$ 10.6$ million, or $52.2 \%$, to $\$ 9.7$ million for the year ended December 31, 2015 from $\$ 20.3$ million for the year ended December 31, 2014. This decrease is due primarily to continued improvements in overall asset quality as classified loans decreased by $\$ 24.3$ million, or $11.2 \%$, to $\$ 192.7$ million at December 31,

## Table of Contents

2015 from $\$ 217.0$ million at December 31, 2014 and total nonaccrual loans decreased by $\$ 8.1$ million, or $10.2 \%$, to $\$ 71.7$ million at December 31, 2015 from $\$ 79.8$ million at December 31, 2014. Net charge-offs declined as well to $0.23 \%$ of average loans for the year ended December 31, 2015 from $0.41 \%$ for the year ended December 31, 2014. Additionally, during 2014 two troubled business banking loans required combined provisions of $\$ 8.2$ million.

In determining the amount of the provision, we considered current economic conditions, including unemployment levels and bankruptcy filings, and changes in real estate values and the impact of these factors on the quality of our loan portfolio and historical loss factors. The provision that is recorded is sufficient, in our judgment, to bring this reserve to a level that reflects the losses inherent in our loan portfolio relative to loan mix, economic conditions and historical loss experience.

Noninterest income. Noninterest income decreased by $\$ 2.0$ million, or $2.7 \%$, to $\$ 68.8$ million for the year ended December 31, 2015 from $\$ 70.8$ million for the year ended December 31, 2014. The decrease is primarily attributable to a decrease in the gain on sale of investments and an increase in loss on real estate owned. Gain on sale of investments decreased by $\$ 3.9$ million, or $79.0 \%$, to $\$ 1.0$ million for the year ended December 31, 2015 from $\$ 4.9$ million for the year ended December 31, 2014 as a result of the sale of equity securities during 2014 for a substantial gain. Loss on real estate owned increased by $\$ 1.0$ million, or $105.7 \%$, to $\$ 2.0$ million for the year ended December 31, 2015 from $\$ 967,000$ for the year ended December 31, 2014. This increase is due primarily to the additional write-down of one foreclosed commercial property in the first quarter of 2015. Partially offsetting these factors was an increase in services charges and fees of $\$ 2.0$ million, or $5.4 \%$, to $\$ 38.4$ million for the year ended December 31, 2015 from $\$ 36.4$ million for the year ended December 31, 2014. This increase is due primarily to organic growth in the number of loan and transaction deposit customers and the benefits realized from the LNB acquisition, as well as increases to deposit account fees made in late 2014. In addition, insurance commission income increased by $\$ 766,000$, or $8.7 \%$, to $\$ 9.5$ million for the year ended December 31, 2015 from $\$ 8.8$ million for the year ended December 31, 2014, due primarily to the January 1, 2015 acquisition of our third insurance agency over the past four years.

Noninterest expense. Noninterest expense increased by $\$ 18.4$ million, or $8.5 \%$, to $\$ 233.9$ million for the year ended December 31, 2015 from $\$ 215.5$ million for the year ended December 31, 2014. This increase is primarily the result of increases in acquisition expense, compensation and employee benefits, processing expenses, and premises and occupancy costs. Expenses totaling $\$ 9.8$ million were incurred during the year ended December 31, 2015 related to the LNB acquisition, primarily for vendor contract buyouts as well as professional service fees. Compensation and employee benefits increased by $\$ 3.8$ million, or $3.3 \%$, to $\$ 119.8$ million for the year ended December 31, 2015 from $\$ 116.0$ million for the year ended December 31, 2014. This increase is primarily the result of the additional employees related to the LNB acquisition and normal annual increases in compensation. Processing expense increased by $\$ 4.1$ million, or $15.4 \%$, to $\$ 30.8$ million for the year ended December 31, 2015 from $\$ 26.7$ million for the year ended December 31, 2014, due primarily to technology upgrades including the implementation of software that provides our customers with enhanced security for online financial transactions and the increased maintenance costs attributable to the addition of the LNB operations. Premises and occupancy costs increased by $\$ 1.1$ million, or $5.1 \%$, to $\$ 24.6$ million for the year ended December 31, 2015 from $\$ 23.5$ million for the year ended December 31, 2014, primarily as a result of the costs associated with the properties acquired in the LNB acquisition. Partially offsetting these increases was a decrease in other expenses of $\$ 766,000$, or $7.8 \%$, to $\$ 9.0$ million for the year ended December 31, 2015 from $\$ 9.8$ million for the year ended December 31, 2014, due primarily to the postponement of charitable contributions which provide state tax credits as a result of the Pennsylvania budget impasse. Professional services also declined from the prior year by $\$ 755,000$, or $9.9 \%$, to $\$ 6.9$ million for the year ended December 31, 2015 from $\$ 7.7$ million for the year ended December 31, 2014 as a result of the completion of a third party engagement to review our compliance management system during 2014.

Income taxes. The provision for income taxes increased by $\$ 6.2$ million, or $28.3 \%$, to $\$ 28.0$ million for the year ended December 31, 2015 from $\$ 21.8$ million for the year ended December 31, 2014. This increase in income tax expense is
primarily the result of an increase in pretax income of $\$ 4.7$ million, or $5.7 \%$, a reduction in tax free income from municipal bonds, and a reduction in the amount of Pennsylvania state tax credits taken in 2015. Additionally, the prior year benefited from the tax deduction of a large special cash dividend paid on the Companies' common stock held by our benefit plans.

Comparison of Results of Operations for the Years Ended December 31, 2014 and 2013

General. Net income for the year ended December 31, 2014 was $\$ 62.0$ million, or $\$ 0.67$ per diluted share, a decrease of $\$ 4.6$ million, or $6.9 \%$, from $\$ 66.6$ million, or $\$ 0.73$ per diluted share, for the year ended December 31, 2013. The decrease in net income resulted primarily from increases in noninterest expense of $\$ 8.4$ million and the provision for loan losses of $\$ 1.8$ million and a decrease in net interest income of $\$ 3.1$ million. These items were partially offset by an increase in noninterest income of $\$ 4.3$ million and a decrease in income tax expense of $\$ 4.4$ million.

Net income for the year ended December 31, 2014 represents a $5.69 \%$ and $0.79 \%$ return on average equity and return on average assets, respectively, compared to $5.87 \%$ and $0.84 \%$ for the year ended December 31, 2013. A discussion of each significant change follows.

## Table of Contents

Interest income. Interest income decreased by $\$ 7.7$ million, or $2.4 \%$, to $\$ 305.4$ million for the year ended December 31, 2014 from $\$ 313.1$ million for the year ended December 31, 2013. The decrease in interest income was due both to a decrease in the average balance of interest-earning assets and a decrease in the average yield on interest-earning assets. The average balance of interest-earning assets decreased by $\$ 27.3$ million, or $0.4 \%$, to $\$ 7.332$ billion for the year ended December 31, 2014 from $\$ 7.359$ billion for the year ended December 31, 2013. The average rate earned on interest-earnings assets decreased by eight basis points to $4.17 \%$ for the year ended December 31, 2014 from $4.25 \%$ for the year ended December 31, 2013. An explanation of the changes in the balances of interest-earnings assets and changes in the yield is discussed in each category below.

Interest income on loans receivable decreased by $\$ 4.9$ million, or $1.7 \%$, to $\$ 282.1$ million for the year ended December 31, 2014 from $\$ 287.0$ million for the year ended December 31, 2013. This decrease was attributable to a decrease in the average yield, which was partially offset by an increase in the average balance of loans receivable. The average yield on loans receivable decreased by 26 basis points, to $4.79 \%$ for the year ended December 31, 2014, from $5.05 \%$ for the year ended December 31, 2013. This decrease is primarily due to the re-pricing of variable rate loans, the refinancing of existing loans to lower market interest rates and the origination of new loans in the continued low and highly competitive interest rate environment. Average loans receivable increased by $\$ 200.8$ million, or $3.5 \%$, to $\$ 5.883$ billion for the year ended December 31, 2014 from $\$ 5.682$ billion for the year ended December 31, 2013. This increase was primarily attributable to our efforts to attract and maintain quality business loan relationships, as well as growth in both our residential mortgage and consumer loan portfolios.

Interest income on mortgage-backed securities decreased by $\$ 2.5$ million, or $19.5 \%$, to $\$ 10.3$ million for the year ended December 31, 2014 from $\$ 12.8$ million for the year ended December 31, 2013. This decrease was attributable to decreases in both the average balance and the average yield of mortgage-backed securities. The average balance of mortgage-backed securities decreased by $\$ 119.7$ million, or $17.1 \%$, to $\$ 581.9$ million for the year ended December 31, 2014 from $\$ 701.6$ million for the year ended December 31, 2013. This decrease in the average balance was primarily the result of redirecting cash flows to fund loan growth and pay common stock dividends. The average yield on mortgage-backed securities decreased by six basis points, to $1.77 \%$ for the year ended December 31, 2014, from $1.83 \%$ for the year ended December 31, 2013. This decrease in yield resulted from the continuation of historically low market interest rates and the reduction in the balance of our vintage securities that carry higher relative yields.

Interest income on investment securities decreased by $\$ 1.4$ million, or $12.1 \%$, to $\$ 10.4$ million for the year ended December 31, 2014 from $\$ 11.8$ million for the year ended December 31, 2013. This decrease was attributable to decreases in both the average yield and the average balance of investment securities. The average yield on investment securities decreased by 20 basis points, to $2.08 \%$ for the year ended December 31, 2014, from $2.28 \%$ for the year ended December 31, 2013. This decrease resulted from higher yielding municipal securities maturing and being called as well as lower relative yields on securities that were purchased during the year. The average balance of investment securities decreased slightly by $\$ 19.1$ million, or $3.7 \%$, to $\$ 499.7$ million for the year ended December 31, 2014 from $\$ 518.8$ million for the year ended December 31, 2013.

For the year ended December 31, 2014 we received dividends on FHLB stock of $\$ 1.8$ million on an average balance of $\$ 42.0$ million, resulting in a yield of $4.31 \%$. For the year ended December 31, 2013 we received dividends on FHLB stock of $\$ 371,000$ on an average balance of $\$ 46.6$ million, resulting in a yield of $0.80 \%$. As a result of the improved financial condition of the FHLB of Pittsburgh, they have been able to increase the dividends paid to member financial institutions.

Interest income on interest-earning deposits decreased by $\$ 256,000$, or $23.4 \%$, to $\$ 837,000$ for the year ended December 31, 2014 from $\$ 1.1$ million for the year ended December 31, 2013. This decrease is the result of a decrease in the average balance of interest-earning deposits of $\$ 84.8$ million, or $20.7 \%$, to $\$ 325.2$ million for the year ended

December 31, 2014 from $\$ 410.0$ million for the year ended December 31, 2013. This decrease in the average balance was primarily the result of redirecting cash flows to fund loan growth and pay common stock dividends.

Interest expense. Interest expense decreased by $\$ 4.6$ million, or $7.5 \%$, to $\$ 56.6$ million for the year ended December 31, 2014 from $\$ 61.2$ million for the year ended December 31, 2013. This decrease was primarily attributed to decreases in the interest rate paid on time deposits and junior subordinated debentures as well as a decrease in the average balance of deposits. The average rate paid on all categories of deposit accounts decreased or remained flat during the year ended December 31, 2014, due primarily to the current level of market interest rates which enabled us to reduce the rates paid on time deposit products. The average rate paid on time deposits decreased to $1.16 \%$ from $1.25 \%$ and the average rate paid on savings deposits decreased to $0.27 \%$ from $0.30 \%$. The average rate paid on interest-bearing demand deposits and money market deposit accounts remained unchanged at $0.07 \%$ and $0.27 \%$, respectively, from the prior year. Also contributing to the decrease in interest expense was the continued shift in the mix of our deposits with average balances increasing for savings deposits, interest-bearing demand deposits and money market deposit accounts, while decreasing for time deposits. Also contributing to the decrease in interest expense was the maturity of an interest rate swap which was in place to convert the floating interest rate on our junior subordinated debentures to a fixed rate. This maturity reduced the average interest rate to $4.49 \%$ in 2014 from $5.21 \%$ last year.

## Table of Contents

Net interest income. Net interest income decreased by $\$ 3.1$ million, or $1.2 \%$, to $\$ 248.8$ million for the year ended December 31, 2014 from $\$ 251.9$ million for the year ended December 31, 2013. This decrease was a result of the factors previously discussed as well as a decrease in total interest-earning assets. Our net interest rate spread decreased slightly by two basis points, to $3.20 \%$ for the year ended December 31, 2014 from $3.22 \%$ for the year ended December 31, 2013 and our net interest margin decreased by three basis points, to $3.39 \%$ for the year ended December 31, 2014 from 3.42\% for the year ended December 31, 2013.

Provision for loan losses. We analyze the allowance for loan losses as described in note 1(f) of the notes to the Consolidated Financial Statements. The provision for loan losses increased by $\$ 1.8$ million, or $9.7 \%$, to $\$ 20.3$ million for year ended December 31, 2014 from $\$ 18.5$ million for the year ended December 31, 2013. This increase is primarily due to five business banking loans requiring combined provisions of $\$ 10.1$ million during the first half of 2014. Overall asset quality, however, continues to improve as loans 90 days or more delinquent decreased by $\$ 16.5$ million, or $28.4 \%$, to $\$ 41.3$ million at December 31, 2014 from $\$ 57.8$ million at December 31, 2013 and total non-accrual loans decreased by $\$ 27.4$ million, or $25.6 \%$, to $\$ 79.8$ million at December 31, 2014 from $\$ 107.2$ million at December 31, 2013. Additionally, classified loans decreased by $\$ 19.9$ million, or $8.4 \%$, to $\$ 217.0$ million at December 31, 2014 from $\$ 236.9$ million at December 31, 2013.

In determining the amount of the current period provision, we considered current economic conditions and their impact on our markets, including unemployment levels, bankruptcy filings, and changes in real estate values which ultimately impact the quality of our loan portfolio. Net loan charge-offs increased by $\$ 3.7$ million, or $18.4 \%$, to $\$ 24.1$ million for the year ended December 31, 2014 from $\$ 20.4$ million for the year ended December 31, 2013. This increase was the result of the charge-off of just two business banking loans in the first half of 2014 totaling $\$ 8.1$ million. As a result, annual net charge-offs to average loans increased to $0.41 \%$ for the year ended December 31, 2014 from $0.36 \%$ for the year ended December 31, 2013. The provision that is recorded is sufficient, in our judgment, to bring the allowance for loan losses to a level that reflects the losses inherent in our loan portfolio relative to loan mix, economic conditions and historical loss experience.

Noninterest income. Noninterest income increased by $\$ 4.3$ million, or $6.5 \%$, to $\$ 70.8$ million for the year ended December 31, 2014 from $\$ 66.5$ million for the year ended December 31, 2013. This increase is primarily the result of an increase in trust and other financial services income and a decrease in loss on real estate owned. Trust and other financial services income increased by $\$ 3.1$ million, or $32.6 \%$, to $\$ 12.4$ million for the year ended December 31, 2014 from $\$ 9.3$ million for the year ended December 31, 2013 primarily due to changes made to our fee structure and the acquisition of Evans Capital Management, Inc. on January 1, 2014. Losses on real estate owned decreased by $\$ 2.2$ million, or $69.6 \%$, to $\$ 967,000$ for the year ended December 31, 2014 from $\$ 3.2$ million for the year ended December 31, 2013. This decrease is primarily due to an elevated level of write-downs on commercial properties that were taken in 2013. Partially offsetting these factors was a decrease in gains on sale of investments of $\$ 1.2$ million, or $19.4 \%$, to $\$ 4.9$ million for the year ended December 31, 2014 from $\$ 6.1$ million for the year ended December 31, 2013. Additionally, income from bank owned life insurance decreased by $\$ 1.0$ million, or $19.4 \%$, to $\$ 4.2$ million for the year ended December 31, 2014 from $\$ 5.2$ million for the year ended December 31, 2013 as a result of death benefits received in 2013.

Noninterest expense. Noninterest expense increased by $\$ 8.4$ million, or $4.1 \%$, to $\$ 215.5$ million for the year ended December 31, 2014 from $\$ 207.1$ million for the year ended December 31, 2013. This increase is primarily the result of increases in compensation and employee benefits, marketing expenses, professional services and processing expenses. Compensation and employee benefits increased by $\$ 3.8$ million, or $3.4 \%$, to $\$ 116.0$ million for the year ended December 31, 2014 from $\$ 112.2$ million for the year ended December 31, 2013 due to regular annual merit increases, as well as severance paid as a result of the corporate restructuring which was announced in the third quarter of 2014. Marketing expense increased by $\$ 1.9$ million, or $30.7 \%$, to $\$ 8.2$ million for the year ended December 31, 2014 from
$\$ 6.3$ million for the year ended December 31, 2013 due primarily to marketing campaigns directed towards loan and deposit growth as well as the promotion of the JD Power and Associates and Forbes awards recognized throughout the year. Professional services increased by $\$ 1.4$ million, or $22.2 \%$, to $\$ 7.7$ million for the year ended December 31, 2014 from $\$ 6.3$ million for the year ended December 31, 2013 as a result of additional consulting expenses which were incurred as we continue to strengthen our compliance management system. Finally, processing expense increased by $\$ 1.2$ million, or $4.4 \%$, to $\$ 26.7$ million for the year ended December 31,2014 from $\$ 25.5$ million for the year ended December 31, 2013. This increase is primarily due to software enhancements and the amortization of the costs to upgrade our programs used to address regulatory compliance requirements.

Income taxes. Income tax expense decreased by $\$ 4.4$ million, or $16.8 \%$, to $\$ 21.8$ million for the year ended December 31, 2014 from $\$ 26.2$ million for the year ended December 31, 2013 primarily due to a decrease in income before income taxes of $\$ 9.0$ million, or $9.7 \%$, compared to the prior year. Additionally, our effective tax rate decreased to $26.0 \%$ from $28.3 \%$ last year. This decrease resulted from Pennsylvania state tax credits relating to certain charitable contributions and an increase in deductible pass-thru dividends on the Company's common stock held in our Employee Stock Ownership Plan and 401(k) plan related to the $\$ 1.10$ per share special dividends paid by the Company in 2014.

## Table of Contents

Asset Quality
We actively manage asset quality through our underwriting practices and collection procedures. Our underwriting practices are focused on balancing risk and return while our collection operations focus on diligently working with delinquent borrowers in an effort to minimize losses.

Collection procedures. Our collection procedures for personal loans generally provide that when a loan is five days past due, a computer-generated late notice is sent to the borrower requesting payment. If delinquency continues, at 15 days a delinquent notice, plus a notice of a late charge, is sent and personal contact efforts are attempted by telephone to strengthen the collection process and obtain reasons for the delinquency. Also, plans to establish a payment program are developed. Personal contact efforts are continued throughout the collection process, as necessary. Generally, if a loan becomes 60 days past due, a collection letter is sent and the loan becomes subject to possible legal action if suitable arrangements for payment have not been made. In addition, the borrower is given information which provides access to consumer counseling services to the extent required by the regulations of the Department of Housing and Urban Development and other applicable regulators. When a loan continues in a delinquent status for 90 days or more, and a payment schedule has not been developed or kept by the borrower, we may send the borrower a notice of intent to foreclose, giving 30 days to cure the delinquency. If not cured, foreclosure proceedings are initiated.

Nonperforming assets. Loans are reviewed on a regular basis and are placed on a nonaccrual status when, in the opinion of management, the collection of all contractual principal and/or interest is doubtful. Loans are automatically placed on nonaccrual status when either principal or interest is 90 days or more past due. Interest accrued and unpaid at the time a loan is placed on a nonaccrual status is reversed and charged against interest income.

Real estate acquired as a result of foreclosure or by deed in lieu of foreclosure is classified as real estate owned until such time that it is sold. When real estate is acquired through foreclosure or by deed in lieu of foreclosure, it is recorded at the lower of the related loan balance or its fair value as determined by an appraisal, less estimated costs of disposal. If the value of the property is less than the principal balance, less any related specific loan loss reserve allocations, the difference is charged against the allowance for loan losses. Any subsequent write-down of real estate owned or loss at the time of disposition is charged against earnings.

Nonaccrual, Past Due, Restructured Loans and Nonperforming Assets. The following table sets forth information with respect to nonperforming assets. Nonaccrual loans are those loans on which the accrual of interest has ceased. Generally, when a loan is 90 days past due, we fully reverse all accrued interest thereon and cease to accrue interest thereafter. Exceptions are made for loans that have contractually matured, are in the process of being modified to extend the maturity date and are otherwise current as to principal and interest, and well secured loans that are in process of collection. Loans may also be placed on nonaccrual before they reach 90 days past due if conditions exist that call into question our ability to collect all contractual principal and/or interest. Other nonperforming assets represent property acquired through foreclosure or repossession. Foreclosed property is carried at the lower of its fair value less estimated costs to sell, or the principal balance of the related loan.

## Table of Contents

At December 31, 2015, we expect to collect the carrying value of our purchased credit impaired loans and have determined that we can reasonably estimate their future cash flows including those loans that are 90 days or more delinquent. As a result, we do not consider these loans to be nonaccrual or impaired and continue to recognize interest income on these loans, including the loans' accretable discount.

At December 31,
$2015 \quad 2014 \quad 2013 \quad 2012 \quad 2011$
(Dollars in thousands)

| Loans 90 days or more past due: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Residential mortgage loans | \$16,354 | 17,704 | 24,625 | 24,295 | 28,233 |
| Home equity loans | 6,112 | 6,606 | 8,345 | 8,481 | 9,781 |
| Other consumer loans | 3,902 | 2,656 | 2,723 | 2,712 | 2,944 |
| Commercial real estate loans | 19,237 | 10,215 | 18,433 | 24,938 | 44,603 |
| Commercial loans | 2,747 | 4,380 | 4,321 | 9,619 | 10,785 |
| Total loans 90 days or more past due | \$48,352 | 41,561 | 58,447 | 70,045 | 96,346 |
| Total real estate owned (REO) | 8,725 | 16,759 | 18,203 | 26,165 | 26,887 |
| Total loans 90 days or more past due and REO | 57,077 | 58,320 | 76,650 | 96,210 | 123,233 |
| Total loans 90 days or more past due to net loans receivable | 0.68 | \% 0.70 | \% 1.02 | \% 1.24 | \% 1.76 |
| Total loans 90 days or more past due and REO to total assets | 0.64 | \% 0.75 | \% 0.97 | \% 1.21 | \% 1.55 |
| Nonperforming assets: |  |  |  |  |  |
| Nonaccrual loans - loans 90 days or more past due | \$43,268 | 41,326 | 57,757 | 68,347 | 95,836 |
| $\begin{aligned} & \text { Nonaccrual loans - loans less than } 90 \\ & \text { days past due } \end{aligned}$ | 28,394 | 38,482 | 49,464 | 51,865 | 35,269 |
| Loans 90 days or more past due still accruing | 1,334 | 235 | 690 | 1,698 | 510 |
| Total nonperforming loans | 72,996 | 80,043 | 107,911 | 121,910 | 131,615 |
| Total nonperforming assets | \$81,721 | 96,802 | 126,114 | 148,075 | 158,502 |
| Nonaccrual troubled debt restructured loans (1) | \$21,118 | 24,459 | 28,889 | 41,166 | 29,575 |
| Accruing troubled debt restructured loans | 29,997 | 37,329 | 50,277 | 48,278 | 39,854 |
| Total troubled debt restructured loans | \$51,115 | 61,788 | 79,166 | 89,444 | 69,429 |

(1) Also included in nonaccrual loans above.

During the year ended December 31, 2015, gross interest income of approximately $\$ 5.5$ million would have been recorded on loans accounted for on a nonaccrual basis if the loans had been current and in accordance with their original terms throughout the year. We recognized $\$ 2.3$ million of interest income on nonaccrual loans during the year ended December 31, 2015.

The following table sets forth loans 90 days or more delinquent by state (based on borrowers' domicile) at December 31, 2015.

| (Dollars in thousands) | Residential mortgage |  | Home eq(120) |  | Other consumer (3) |  | Commercial real estate(4) loans |  | Commercial <br> loans |  | Total | (6) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pennsylvania | \$ 10,998 | 0.5\% | \$3,204 | 0.4\% | \$2,780 | 1.1\% | \$ 10,439 | 1.1\% | \$ 1,582 | 0.6\% | \$29,003 | 0.6\% |
| New York | 1,801 | 1.0\% | 639 | 0.5\% | 90 | 0.7 \% | 3,012 | $0.4 \%$ | 859 | 1.6\% | 6,401 | 0.6\% |

Ohio
Maryland
All other Total
(1) Percentage of total mortgage loans in that geographic area
(2)Percentage of total home equity loans in that geographic area
(3)Percentage of total other consumer loans in that geographic area
(4) Percentage of total commercial real estate loans in that geographic
(5) Percentage of total commercial loans in that geographic area
(6)Percentage of total loans in that geographic area

## Table of Contents

Classification of Assets. Our policies, consistent with regulatory guidelines, provide for the classification of loans considered to be of lesser quality as "substandard," "doubtful," or "loss" assets. An asset is considered "substandard" if it is inadequately protected by the current net worth and paying capacity of the obligor or of the collateral pledged, if any. "Substandard" assets include those characterized by the "distinct possibility" that the financial institution will sustain "some loss" if the deficiencies are not corrected. Assets classified as "doubtful" have all of the weaknesses inherent in those classified "substandard" with the added characteristic that the weaknesses present make "collection or liquidation in full," on the basis of currently existing facts, conditions, and values, "highly questionable and improbable." Assets classified as "loss" are those considered "uncollectible" so that their continuance as assets without the establishment of a specific loss reserve is not warranted. Assets that do not expose the savings institution to risk sufficient to warrant classification in one of the aforementioned categories, but which possess some weaknesses, are required to be designated "special mention." At December 31, 2015, we had 203 loans, with an aggregate principal balance of $\$ 77.1$ million, designated as special mention.

We regularly review our asset portfolio to determine whether any assets require classification in accordance with applicable regulations. Our largest classified assets generally are also our largest nonperforming assets.

The following table sets forth the aggregate amount of our classified assets at the dates indicated.

Substandard assets
Doubtful assets
Loss assets
Total classified assets

At December 31,

| 2015 <br> (In thousands) | 2014 | 2013 |
| :--- | :--- | :--- |
| $\$ 199,009$ | 229,913 | 250,545 |
| 1,225 | 2,677 | 3,188 |
| 1,340 | 1,424 | 1,321 |
| $\$ 201,574$ | 234,014 | 255,054 |

Allowance for Loan Losses. Our board of directors has approved an Allowance for Loan Losses Policy designed to provide management with a systematic methodology for determining and documenting the allowance for loan losses each reporting period. This methodology was developed to provide a consistent process and review procedure to ensure that the allowance for loan losses is in conformity with GAAP, our policies and procedures and other supervisory and regulatory guidelines.

On an ongoing basis, the Credit Administration department, as well as loan officers and department heads, review and monitor the loan portfolio for problem loans. This portfolio monitoring includes a review of the monthly delinquency reports as well as historical comparisons and trend analysis. On an on-going basis the loan officer along with the Credit Administration department grades or classifies problem loans or potential problem loans based upon their knowledge of the lending relationship and other information previously accumulated. Credit relationships greater than or equal to $\$ 1.0$ million that have been classified as substandard or doubtful are reviewed by the Credit Administration department for possible impairment. A loan is considered impaired when, based on current information and events it is probable that we will be unable to collect all amounts due according to the contractual terms of the loan agreement including both contractual principal and interest payments. Our loan grading system for problem loans is described above in "Classification of Assets."

If an individual loan is deemed to be impaired, we determine the proper measurement of impairment for each loan based on one of three methods: (1) the present value of expected future cash flows discounted at the loan's effective interest rate; (2) the loan's observable market price; or (3) the fair value of the collateral if the loan is collateral dependent. If the measure of the impaired loan is more or less than the recorded investment in the loan, we adjust the specific allowance associated with that individual loan accordingly.

If a substandard or doubtful loan is not considered individually for impairment, it is grouped with other loans that possess common characteristics for impairment evaluation and analysis. This segmentation is accomplished by grouping loans of similar product types, risk characteristics and industry concentration into homogeneous pools. Each pool is then analyzed based on the historical delinquency, charge-off and recovery trends over the past three years which are then extended to include the loss realization period during which the event of default occurs, additional consideration is also given to the current economic, political, regulatory and interest rate environment. This adjusted historical net charge-off amount as a percentage of loans outstanding for each group is used to estimate the measure of impairment.

The individual impairment measures along with the estimated losses for each homogeneous pool are consolidated into one summary document. This summary schedule, along with the supporting documentation used to establish this schedule, is prepared monthly and presented to the Credit Committee on a quarterly basis. The Credit Committee is comprised of members of

46

## Table of Contents

Senior Management from our various departments, including mortgage, consumer and commercial lending, appraising, administration and finance as well as our President and Chief Executive Officer. The Credit Committee reviews the processes and documentation presented, reviews the concentration of credit by industry and customer, discusses lending products, activity, competition and collateral values, as well as economic conditions in general and in each of our market areas. Based on this review and discussion, the appropriate allowance for loan losses is estimated and any adjustments necessary to reconcile the actual allowance for loan losses with this estimate are determined. In addition, the Credit Committee considers whether any changes to the methodology are needed. The Credit Committee also compares our delinquency trends, nonperforming asset amounts and allowance for loan loss levels to our peer group and to state and national statistics. A similar review is also performed by the Risk Management Committee of the board of directors.

In addition to the reviews by the Credit Committee and the Risk Management Committee, regulators from either the Federal Deposit Insurance Corporation or Pennsylvania Department of Banking and Securities perform a review on an annual basis of the adequacy of the allowance for loan losses and its conformity with regulatory guidelines and pronouncements. The internal audit department also performs a regular review of the detailed supporting schedules for accuracy and reports their findings to the Audit Committee of the board of directors. Any recommendations or enhancements from these independent parties are considered by management and the Credit Committee and implemented accordingly.

We acknowledge that this is a dynamic process and consists of factors, many of which are external and beyond our control, which can change. The adequacy of the allowance for loan losses is based upon estimates using all the information previously discussed as well as current and known circumstances and events. There is no assurance that actual portfolio losses will not be substantially different than those that were estimated.

We utilize a consistent methodology each period when analyzing the adequacy of the allowance for loan losses and the related provision for loan losses. As part of the analysis, we considered the economic data in our markets such as the unemployment and bankruptcy levels as well as the changes in real estate collateral values. In addition, we considered the overall trend in asset quality, loan charge-offs and the allowance for loan losses as a percentage of nonperforming loans. We also consider the specific reserves already established for criticized loans based upon a three year average of historical charge-offs. During the year ended December 31, 2015 we allocated the previously unallocated allowance using both qualitative and quantitative factors as a result of enhancements in our allowance for loan losses process. As a result, we decreased the allowance for loan losses during the year by $\$ 4.8$ million, or $7.2 \%$, to $\$ 62.7$ million, or $0.87 \%$ of total loans, at December 31, 2015 from $\$ 67.5$ million, or $1.13 \%$ of total loans, at December 31, 2014. The decrease in the allowance for loan losses and the related provision for loan losses is discussed above in the section "Provision for loan losses."

## Table of Contents

Analysis of the Allowance for Loan Losses. The following table sets forth the analysis of the allowance for loan losses for the periods indicated.


## Table of Contents

Allocation of Allowance for Loan Losses. The following tables set forth the allocation of allowance for loan losses by loan category at the dates indicated. The allowance for loan losses allocated to each category is not necessarily indicative of future losses in any particular category.

(1) Represents percentage of loans in each category to total loans.

## Liquidity and Capital Resources

Northwest Bank is required to maintain a sufficient level of liquid assets, as determined by management and defined and reviewed for adequacy by the Federal Deposit Insurance Corporation during their regular examinations. The Federal Deposit Insurance Corporation, however, does not prescribe by regulation a minimum amount or percentage of liquid assets. The Federal Deposit Insurance Corporation allows us to consider any unencumbered, available-for-sale marketable security, whose sale would not impair our capital adequacy, to be eligible for liquidity. Liquidity is monitored through the use of a standard liquidity ratio of liquid assets to borrowings plus deposits. Using this formula, Northwest Bank's liquidity ratio was $9.7 \%$ as of December 31, 2015. We adjust our liquidity level in order to meet funding needs of deposit outflows, repayment of borrowings and loan commitments. We also adjust liquidity as appropriate to meet our asset and liability management objectives. Liquidity needs can also be met by temporarily drawing upon lines-of-credit established for such reasons. As of December 31, 2015, Northwest Bank had $\$ 2.233$ billion of additional borrowing capacity available with the Federal Home Loan Bank of Pittsburgh,
including a $\$ 150.0$ million overnight line of credit, which had a balance of $\$ 106.0$ million, as well as a $\$ 142.6$ million borrowing capacity available with the Federal Reserve Bank and $\$ 80.0$ million with two correspondent banks.

In addition to deposits, our primary sources of funds are the amortization and repayment of loans and mortgage-backed securities, maturities of investment securities and other short-term investments, and earnings and funds provided from operations. While scheduled principal repayments on loans and mortgage-backed securities are a relatively predictable source of funds, deposit flows and loan prepayments are greatly influenced by general interest rate levels, economic conditions, and competition. We manage the pricing of our deposits to maintain a desired deposit balance. In addition, we invest excess funds in short-term interest

## Table of Contents

earning and other assets, which provide liquidity to meet lending requirements. Short-term interest-earning deposits amounted to $\$ 75.1$ million at December 31, 2015. For additional information about our cash flows from operating, financing, and investing activities, see the Statements of Cash Flows included in the Consolidated Financial Statements.

A portion of our liquidity consists of cash and cash equivalents, which are a product of our operating, investing, and financing activities. The primary sources of cash during the current year were net income and principal repayments on loans and mortgage-backed securities.

Liquidity management is both a daily and long-term function of business management. If we require funds beyond our ability to generate them internally, borrowing agreements exist with the Federal Home Loan Bank of Pittsburgh and the Federal Reserve Bank of Cleveland, which provide an additional source of funds. At December 31, 2015 Northwest Bank had advances of $\$ 856.3$ million from the Federal Home Loan Bank of Pittsburgh. We borrow from these sources to reduce interest rate risk and to provide liquidity when necessary.

At December 31, 2015, our customers had $\$ 562.3$ million of unused lines of credit available and $\$ 186.7$ million in loan commitments. This amount does not include the unfunded portion of loans in process. Time deposits scheduled to mature in less than one year at December 31, 2015, totaled $\$ 929.4$ million. We believe that a significant portion of such deposits will remain with us.

The major sources of our cash flows are in the areas of loans, marketable securities, deposits and borrowed funds.
Deposits are our primary source of externally generated funds. The level of deposit inflows during any given period is heavily influenced by factors outside of our control, such as consumer savings tendencies, the general level of short-term and long-term market interest rates, as well as higher alternative yields that investors may obtain on competing investments such as money market mutual funds. Financial institutions, such as Northwest Bank, are also subject to deposit outflows. Our net deposits increased by $\$ 980.0$ million for the year ended December 31, 2015, with $\$ 1.034$ billion of deposits coming from the acquisition of LNB and net deposits decreased by $\$ 36.3$ million and $\$ 95.7$ million for the years ended December 31, 2014 and 2013, respectively.

Similarly, the amount of principal repayments on loans and the amount of new loan originations is heavily influenced by the general level of market interest rates, consumer confidence and consumer spending. Funds received from loan maturities and principal payments on loans for the years ended December 31, 2015, 2014 and 2013 were $\$ 2.001$ billion, $\$ 1.731$ billion and $\$ 1.924$ billion, respectively. Loan originations for the years ended December 31, 2015, 2014 and 2013 were $\$ 2.322$ billion, $\$ 1.946$ billion and $\$ 2.110$ billion, respectively. We also sell a portion of the loans we originate, and the cash flows from such sales for the years ended December 31, 2015, 2014 and 2013 were $\$ 815,000, \$ 1.3$ million and $\$ 52.6$ million, respectively.

We experience significant cash flows from our portfolio of marketable securities as principal payments are received on mortgage-backed securities and as investment securities mature or are called. Cash flow from the repayment of principal and the maturity or call of marketable securities for the years ended December 31, 2015, 2014 and 2013 were $\$ 352.6$ million, $\$ 179.7$ million and $\$ 288.8$ million, respectively.

When necessary, we utilize borrowings as a source of liquidity and as a source of funds for long-term investment when market conditions permit. The net cash flow from the receipt and repayment of borrowings were net increases of $\$ 86.9$ million, $\$ 6.5$ million and $\$ 21.6$ million for the years ended December 31, 2015, 2014 and 2013, respectively.

Northwest Bancshares, Inc. is a separate legal entity from Northwest bank and must provide for its own liquidity to pay dividends to shareholders and to repurchase its common stock and for other corporate purposes. Northwest

Bancshares primary source of liquidity is dividend payments it receives from Northwest Bank. The payment of dividends by Northwest Bank is subject to regulatory requirements. At December 31, 2015, Northwest Bancshares (on an unconsolidated basis) had liquid assets of $\$ 92.9$ million.

Other activity with respect to cash flow was the payment of cash dividends on common stock in the amount of \$52.8 million, $\$ 149.9$ million and $\$ 45.9$ million for the ended December 31, 2015, 2014 and 2013, respectively.

At December 31, 2015, stockholders' equity totaled $\$ 1.163$ billion. During 2015 our Board of Directors declared regular quarterly dividends totaling $\$ 0.56$ per share of common stock.

We monitor the capital levels of Northwest Bank to provide for current and future business opportunities and to meet regulatory guidelines for "well capitalized" institutions. Northwest Bank is required by the Pennsylvania Department of Banking and Securities and the FDIC to meet minimum capital adequacy requirements. At December 31, 2015, Northwest Bank exceeded all regulatory minimum capital requirements and is considered to be "well capitalized." In addition, as of December 31, 2015, we

50

## Table of Contents

were not aware of any recommendation by a regulatory authority that, if it were implemented, would have a material effect on liquidity, capital resources or operations.

Regulatory Capital Requirements.
Northwest Bank is subject to minimum capital requirements established by the Federal Deposit Insurance Corporation. See Item 1. Business "Supervision and Regulation-Capital Requirements and Prompt Corrective Action". The following table summarizes Northwest Bank's total shareholder's equity, regulatory capital, total risk-based assets, and leverage and risk-based regulatory ratios at the dates indicated.

Total shareholder's equity (GAAP capital)
Accumulated other comprehensive income
Less: non-qualifying intangible assets
CET 1 capital
Additions to Tier 1 capital
Leverage or Tier 1 capital
Plus: Tier 2 capital (1)
Total risk-based capital
Average assets for leverage ratio
Net risk-weighted assets including off-balance sheet items
At December 31,
$2015 \quad 2014$
(Dollars in thousands)
$\$ 1,177,495 \quad 1,049,511$
10,291 9,135
(244,232 ) (178,356 )
943,554 -

-     - 

| CET 1 capital ratio | 14.26 | $\%-$ | $\%$ |
| :--- | :--- | :--- | :--- |
| Minimum requirement | 4.50 | $\%-$ | $\%$ |
| Leverage capital ratio |  | 10.87 | $\%$ |

(1) Tier 2 capital consists of the allowance for loan losses, which is limited to $1.25 \%$ of total risk-weighted assets as ${ }^{1)}$ detailed under the regulations of the FDIC, and $45 \%$ of pre-tax net unrealized gains on securities available-for-sale.

Northwest Bank is also subject to capital guidelines of the Pennsylvania Department of Banking. Although not adopted in regulation form, the Department of Banking requires $6 \%$ leverage capital and $10 \%$ total risk-based capital. See "Item 1. Business-Supervision and Regulation-Capital Requirements" and "Prompt Corrective Action".

Contractual Obligations
We are obligated to make future payments according to various contracts. The following table presents the expected future payments of the contractual obligations aggregated by obligation type at December 31, 2015.

Payments due

|  | Less than <br> one year | One year to <br> less than <br> three years | Three years <br> to less than <br> five years | Five years or <br> greater | Total |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Long-term debt $(1)$ | (In thousands) | 265,000 | 220,000 | 120,000 | 856,343 |


| Junior subordinated debentures (2) | - | - | - | 111,213 | 111,213 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Operating leases (3) | 3,881 | 5,981 | 3,243 | 4,204 | 17,309 |
| Total | $\$ 255,224$ | 270,981 | 223,243 | 235,417 | 984,865 |
| Commitments to extend credit | $\$ 186,731$ | - | - | - | 186,731 |

(1)See Note 11 to the consolidated financial statements, Borrowed Funds, for additional information.
(2) See Note 23 to the consolidated financial statements, Junior Subordinated Debentures/Trust Preferred Securities, for additional information.
(3)See Note 8 to the consolidated financial statements, Premises and Equipment, for additional information.

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## Table of Contents

Impact of Inflation and Changing Prices
The Consolidated Financial Statements and notes thereto, presented elsewhere herein, have been prepared in accordance with generally accepted accounting principles, which require the measurement of financial position and operating results in terms of historical dollars without considering the change in the relative purchasing power of money over time and due to inflation. The impact of inflation is reflected in the increased cost of our operations. Unlike most industrial companies, nearly all of our assets and liabilities are monetary. As a result, interest rates have a greater impact on our performance than do the effects of general levels of inflation. Interest rates do not necessarily move in the same direction or to the same extent as the price of goods and services.

## Off-Balance Sheet Arrangements

As a financial services provider, we routinely are a party to various financial instruments with off-balance-sheet risks, such as commitments to extend credit and unused lines of credit. While these contractual obligations represent our future cash requirements, a significant portion of commitments to extend credit may expire without being drawn upon. Such commitments are subject to the same credit policies and approval process accorded to loans we make. In addition, we routinely enter into commitments to purchase and sell residential mortgage loans.

## ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

## Market Risk Management

The matching of assets and liabilities may be analyzed by examining the extent to which such assets and liabilities are "interest rate sensitive" and by monitoring an institution's interest rate sensitivity "gap." An asset or liability is said to be interest rate sensitive within a specific time period if it will mature or re-price within that time period. The interest rate sensitivity gap is defined as the difference between the amount of interest-earning assets maturing or re-pricing within a specific time period and the amount of interest-bearing liabilities maturing or re-pricing within that same time period. A gap is considered positive when the amount of interest rate sensitive assets exceeds the amount of interest rate sensitive liabilities. A gap is considered negative when the amount of interest rate sensitive liabilities exceeds the amount of interest rate sensitive assets. During a period of rising interest rates, a negative gap would tend to adversely affect net interest income while a positive gap would tend to positively affect net interest income. Similarly, during a period of falling interest rates, a negative gap would tend to positively affect net interest income while a positive gap would tend to adversely affect net interest income.

Our practice is to reduce our exposure to interest rate risk generally by better matching the maturities of our interest rate sensitive assets and liabilities and by increasing the interest rate sensitivity of our interest-earning assets. We purchase adjustable-rate investment securities and mortgage-backed securities which at December 31, 2015 totaled $\$ 186.5$ million, and originate adjustable-rate loans, which at December 31, 2015, totaled $\$ 2.417$ billion or $32.7 \%$ of our gross loan portfolio. Of our $\$ 8.183$ billion of interest-earning assets at December 31, 2015, $\$ 2.679$ billion, or $32.7 \%$, consisted of assets with adjustable rates of interest. When market conditions are favorable, we also attempt to reduce interest rate risk by lengthening the maturities of our interest-bearing liabilities by using FHLB advances as a source of long-term fixed-rate funds, and by promoting longer-term certificates of deposit.

At December 31, 2015, total interest-earning liabilities maturing or re-pricing within one year exceeded total interest-bearing assets maturing or re-pricing in the same period by $\$ 546.5$ million, representing a negative one-year gap ratio of $6.10 \%$.

## Table of Contents

The following table sets forth, on a carrying value basis, the amounts of interest-earning assets and interest-bearing liabilities outstanding at December 31, 2015, which are expected to re-price or mature, based upon certain assumptions, in each of the future time periods shown. Except as stated below, the amounts of assets and liabilities shown that re-price or mature during a particular period were determined in accordance with the earlier of the term of re-pricing or the contractual term of the asset or liability. We believe that these assumptions approximate the standards used in the financial services industry and consider them appropriate and reasonable.

|  | Amounts maturing or re-pricing |  |  |  | Over 5-10 years | Over 10-20 years | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Within 1 year (Dollars in th | $\begin{aligned} & \text { Over 1-3 } \\ & \text { years } \\ & \text { usands) } \end{aligned}$ |  | Over 3-5 years |  |  |  |
| Rate-sensitive assets: |  |  |  |  |  |  |  |
| Interest-earning deposits | \$75,145 | - |  | - | - | - | 75,145 |
| Mortgage-backed securities: |  |  |  |  |  |  |  |
| Fixed rate | 77,497 | 108,479 |  | 76,498 | 93,319 | - | 355,793 |
| Variable-rate | 148,003 | - |  | - | - | - | 148,003 |
| Investment securities | 114,472 | 187,477 |  | 87,087 | 13,262 | - | 402,298 |
| Mortgage loans: |  |  |  |  |  |  |  |
| Adjustable rate | 28,040 | 5,564 |  | 3,470 | 2,949 | 113 | 40,136 |
| Fixed-rate | 391,070 | 693,610 |  | 588,810 | 909,829 | 107,044 | 2,690,363 |
| Home equity loans: |  |  |  |  |  |  |  |
| Adjustable rate | 462,000 | - |  | - | - | - | 462,000 |
| Fixed-rate | 202,582 | 294,530 |  | 170,191 | 57,803 | - | 725,106 |
| Other consumer loans | 413,883 | 96,734 |  | - | - | - | 510,617 |
| Commercial real estate loans | 1,151,103 | 785,086 |  | 356,190 | 58,974 | 81 | 2,351,434 |
| Commercial loans | 254,445 | 103,505 |  | 44,990 | 15,355 | 4,105 | 422,400 |
| Total rate-sensitive assets | 3,318,240 | 2,274,985 |  | 1,327,236 | 1,151,491 | 111,343 | 8,183,295 |
| Rate-sensitive liabilities: |  |  |  |  |  |  |  |
| Time deposits | 929,351 | 654,132 |  | 100,210 | 11,025 | - | 1,694,718 |
| Money market demand accounts | 1,257,616 | - |  | - | - | 16,888 | 1,274,504 |
| Savings deposits | 807,771 | 559,424 |  | - | - | 18,822 | 1,386,017 |
| Demand deposits | 447,117 | 322,658 |  | - | - | 1,487,567 | 2,257,342 |
| FHLB advances | 251,343 | 265,000 |  | 220,000 | 120,000 | - | 856,343 |
| Other borrowings | 118,664 | - |  | - | - | - | 118,664 |
| Trust preferred securities | 52,850 | 58,363 |  | - | - | - | 111,213 |
| Total rate-sensitive liabilities | 3,864,712 | 1,859,577 |  | 320,210 | 131,025 | 1,523,277 | 7,698,801 |
| Interest sensitivity gap per period | \$(546,472 ) | 415,408 |  | 1,007,026 | 1,020,466 | (1,411,934 ) | 484,494 |
| Cumulative interest sensitivity gap | \$(546,472 ) | (131,064 | ) | 875,962 | 1,896,428 | 484,494 | 484,494 |
| Cumulative interest sensitivity gap as a percentage of total assets | (6.10 )\% | (1.46 | )\% | 9.79 | \% 21.18 | \% 5.41 \% | 5.41 |

Cumulative interest-earning assets as a percent of cumulative interest-bearing $85.86 \quad \% \quad 97.71 \quad \% \quad 114.49 \quad \% \quad 130.71 \quad \% \quad 106.29 \quad \% \quad 106.29 \quad \%$ liabilities

We have an Asset/Liability Committee, consisting of members of management, which meets monthly to review market interest rates, economic conditions, the pricing of interest earning assets and interest bearing liabilities and our balance sheet structure. On a quarterly basis, this committee also reviews our interest rate risk position and our cash flow projections.

53

## Table of Contents

Our Board of Directors has a Risk Management Committee, which meets quarterly and reviews interest rate risks and trends, our interest sensitivity position, our liquidity position and the market risk inherent in our investment portfolio.

In an effort to assess market risk, we use a simulation model to determine the effect of immediate incremental increases and decreases in interest rates on net interest income, net income and the market value of our equity. Certain assumptions are made regarding loan prepayments and decay rates of passbook and interest-bearing demand deposit accounts. Because it is difficult to accurately project the market reaction of depositors and borrowers, the effect of actual changes in interest rates on these assumptions may differ from simulated results. We have established the following guidelines for assessing interest rate risk:

Net interest income simulation. Given a non-parallel shift of 100 basis points ("bps"), 200 bps , and 300 bps in interest rates, the estimated net interest income may not decrease by more than $5 \%, 10 \%$, and $15 \%$, respectively, within a one-year period.

Net income simulation. Given a non-parallel shift of $100 \mathrm{bps}, 200 \mathrm{bps}$, and 300 bps in interest rates, the estimated net income may not decrease by more than $10 \%, 20 \%$, and $30 \%$, respectively, within a one-year period.

Market value of equity simulation. The market value of our equity is the present value of our assets and liabilities. Given a non-parallel shift of $100 \mathrm{bps}, 200 \mathrm{bps}$, and 300 bps in interest rates, the market value of equity may not decrease by more than $15 \%, 30 \%$, and $35 \%$, respectively, from the computed economic value at current interest rate levels.

The following table illustrates the simulated impact of a non-parallel $100 \mathrm{bps}, 200 \mathrm{bps}$ or 300 bps upward or 100 bps downward movement in interest rates on net interest income, net income, return on average equity, earnings per share, and market value of equity. These analyses were prepared assuming that total interest-earning asset and interest-bearing liability levels at December 31, 2015 remain constant. The impact of the rate movements was computed by simulating the effect of an immediate and sustained shift in interest rates over a twelve-month period from December 31, 2015 levels.

|  | Increase |  |  |  |  | Decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Non-parallel shift in interest rates over the next 12 months | 100 bps |  | 200 bps |  | 300 bps |  | 100 bps |  |
| Projected percentage increase/ (decrease) in net interest income | (1.1 | )\% | (1.2 | )\% | (2.0 | )\% | (4.7 | ) |
| Projected percentage increase/ (decrease) in net income | (1.7 | )\% | (0.8 | )\% | (1.6 | )\% | (13.9 | ) |
| Projected increase/ (decrease) in return on average equity | (1.6 | )\% | (0.6 | )\% | (1.4 | )\% | (13.5 | \% |
| Projected increase/ (decrease) in earnings per share | \$(0.01 | ) | \$- |  | \$(0.01 | ) | \$(0.10 | ) |
| Projected percentage decrease in market value of equity | (3.8 | )\% | (7.6 | )\% | (12.2 | )\% | (0.3 | \% |

The figures included in the tables above represent projections that were computed based upon certain assumptions including prepayment rates and decay rates. These assumptions are inherently uncertain and, as a result, we cannot precisely predict the impact of changes in interest rates. Actual results may differ significantly due to timing, magnitude and frequency of interest rate changes and changes in market conditions.

When assessing our interest rate sensitivity, analysis of historical trends indicates that loans will prepay at various speeds (or annual rates) depending on the variance between the weighted average portfolio rates and the current market rates. In preparing the table above, the following assumptions were used: (i) adjustable-rate mortgage loans will prepay at an annual rate of $6 \%$ to $14 \%$; (ii) fixed-rate mortgage loans will prepay at an annual rate of $6 \%$ to $14 \%$, depending on the type of loan; (iii) commercial loans will prepay at an annual rate of $8 \%$ to $14 \%$; (iv) consumer loans held by Northwest Bank will prepay at an annual rate of $18 \%$ to $24 \%$; and (v) consumer loans held by Northwest

Consumer Discount Company will prepay at an annual rate of $55 \%$ to $70 \%$. In regards to our deposits, it has been assumed that (i) fixed maturity deposits will not be withdrawn prior to maturity; (ii) the significant majority of money market accounts will re-price immediately; (iii) savings accounts will gradually re-price over three years; and (iv) checking accounts will re-price either when the rates on such accounts re-price as interest rate levels change, or when deposit holders withdraw funds from such accounts and select other types of deposit accounts, such as certificate accounts, which may have higher interest rates. For purposes of this analysis, management has estimated, based on historical trends, that $\$ 447.1$ million, or $19.8 \%$, of our checking accounts and $\$ 807.8$ million, or $58.3 \%$, of our savings accounts are interest sensitive and may re-price in one year or less, and that the remainder may re-price over longer time periods.

The above assumptions are annual percentages based on remaining balances and should not be regarded as indicative of the actual prepayments and withdrawals that we may experience. Moreover, certain shortcomings are inherent in the analysis presented by the foregoing table. For example, although certain assets and liabilities may have similar maturities or periods to re-pricing, they may react in different degrees to changes in market interest rates. Also, interest rates on certain types of assets and liabilities may fluctuate in advance of or lag behind changes in market interest rates. Additionally, certain assets, such as some adjustable-rate loans, have features that restrict changes in interest rates on a short-term basis and over the life of the asset.

## Table of Contents

Moreover, in the event of a change in interest rates, prepayment and early withdrawal levels would likely deviate significantly from those assumed in preparing the table.

In addition, we regularly measure and monitor the market value of our net assets and the changes therein. While fluctuations are expected because of changes in interest rates, we have established policy limits for various interest rate scenarios. Given interest rate shocks of +100 to +300 bps and -100 bps the market value of net assets is not expected to decrease by more than $-15 \%$ to $-35 \%$.

## Table of Contents

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA
Management's Report on Internal Control Over Financial Reporting
Management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rule 13a-15(f) under the Securities Exchange Act of 1934.

Management, including the principal executive officer and principal financial officer, has assessed the effectiveness of the Company's internal control over financial reporting as of December 31, 2015. In making this assessment, management used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission in Internal Control - Integrated Framework (2013). Based on such assessment, management concluded that, as of December 31, 2015, the Company's internal control over financial reporting is effective based upon those criteria.

KPMG LLP, an independent registered public accounting firm, has audited the consolidated financial statements included in this Report and has issued a report with respect to the effectiveness of the Company's internal control over financial reporting.
/s/ William J. Wagner
William J. Wagner
Chief Executive Officer
/s/ William W. Harvey, Jr.,
William W. Harvey, Jr.
Chief Financial Officer

## Table of Contents

Report of Independent Registered Public Accounting Firm

## The Board of Directors and Stockholders

Northwest Bancshares, Inc.:
We have audited Northwest Bancshares, Inc's. (the Company) internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

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

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

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

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Northwest Bancshares, Inc. and subsidiaries as of December 31, 2015 and 2014, and the related consolidated statements of operations, comprehensive income, changes in shareholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2015, and our report dated February 29, 2016 expressed an unqualified opinion on those consolidated financial statements.

[^0]Pittsburgh, Pennsylvania
February 29, 2016
57

## Table of Contents

Report of Independent Registered Public Accounting Firm
The Board of Directors and Stockholders
Northwest Bancshares, Inc.:

We have audited the accompanying consolidated balance sheets of Northwest Bancshares, Inc. and subsidiaries (the Company) as of December 31, 2015 and 2014, and the related consolidated statements of income, comprehensive income, changes in shareholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2015. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

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

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Northwest Bancshares, Inc. and subsidiaries as of December 31, 2015 and 2014, and the results of its operations and their cash flows for each of the years in the three-year period ended December 31, 2015, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Northwest Bancshares, Inc.'s internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 29, 2016 expressed an unqualified opinion on the effectiveness of Northwest Bancshares Inc.'s internal control over financial reporting.
/s/ KPMG LLP
Pittsburgh, Pennsylvania
February 29, 2016

## Table of Contents

NORTHWEST BANCSHARES, INC.
CONSOLIDATED STATEMENTS OF FINANCIAL CONDITION
(amounts in thousands, excluding per share data)

|  | December 31, <br> 2015 | 2014 |
| :--- | :--- | :--- |
| Assets |  |  |
| Cash and cash equivalents | $\$ 92,263$ | 87,401 |
| Interest-earning deposits in other financial institutions | 74,510 | 152,671 |
| Federal funds sold and other short-term investments | 635 | 634 |
| Marketable securities available-for-sale (amortized cost of \$868,956 and \$906,702) | 874,405 | 912,371 |
| Marketable securities held-to-maturity (fair value of $\$ 32,552$ and $\$ 106,292$ ) | 31,689 | 103,695 |
| Loans receivable, net of allowance for loan losses of $\$ 62,672$ and $\$ 67,518$ | $7,159,449$ | $5,922,373$ |
| Accrued interest receivable | 21,072 | 18,623 |
| Real estate owned, net | 8,725 | 16,759 |
| Federal Home Loan Bank stock, at cost | 40,903 | 33,293 |
| Premises and equipment, net | 154,351 | 143,909 |
| Bank owned life insurance | 168,509 | 144,362 |
| Goodwill | 261,736 | 175,323 |
| Other intangible assets | 8,982 | 3,033 |
| Other assets | 54,670 | 60,586 |
| Total assets | $\$ 8,951,899$ | $7,775,033$ |

Liabilities and Shareholders' equity
Liabilities:

| Deposits | $\$ 6,612,581$ | $5,632,542$ |
| :--- | :--- | :--- |
| Borrowed funds | 975,007 | 888,109 |
| Advances by borrowers for taxes and insurance | 33,735 | 30,507 |
| Accrued interest payable | 1,993 | 936 |
| Other liabilities | 54,207 | 57,198 |
| Junior subordinated deferrable interest debentures held by trusts that issued | 111,213 | 103,094 |
| guaranteed capital debt securities | $7,788,736$ | $6,712,386$ |

Shareholders' equity:
Preferred stock, $\$ 0.01$ par value: 50,000,000 authorized, no shares issued
Common stock, $\$ 0.01$ par value: 500,000,000 shares authorized, 101,871,737 and
$94,721,453$ shares issued, respectively
Paid-in capital
$1,019 \quad 947$

Retained earnings
Unallocated common stock of employee stock ownership plan
Accumulated other comprehensive loss
Total liabilities and shareholders' equity
717,603 626,134

See accompanying notes to consolidated financial statements.

## Table of Contents

NORTHWEST BANCSHARES, INC.
CONSOLIDATED STATEMENTS OF INCOME
(amounts in thousands, excluding per share data)


Provision for income taxes:

| Federal | 24,010 | 19,656 | 23,177 |
| :--- | :--- | :--- | :--- |
| State | 3,950 | 2,139 | 3,022 |
| Total provision for income taxes | 27,960 | 21,795 | 26,199 |
| Net income | $\$ 60,540$ | 61,962 | 66,559 |
| Basic earnings per share | $\$ 0.64$ | 0.68 | 0.73 |
| Diluted earnings per share | $\$ 0.64$ | 0.67 | 0.73 |

## Table of Contents

NORTHWEST BANCSHARES, INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (amounts in thousands)

|  | Years en | De | cember 3 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2013 |  |
| Net Income | \$60,540 |  | 61,962 |  | 66,559 |  |
| Other comprehensive income net of tax: |  |  |  |  |  |  |
| Net unrealized holding gains on marketable securities: |  |  |  |  |  |  |
| Unrealized holding gains/ (losses), net of tax of \$(204), \$(5,787) and $\$ 10,551$, respectively | 315 |  | 9,042 |  | (16,544 | ) |
| Other-than-temporary impairment on securities included in net income, net of tax of $\$ 0, \$ 0$ and $\$(278)$, respectively | - |  | - |  | 435 |  |
| Reclassification adjustment for gains included in net income, net of tax of $\$ 289, \$ 1,501$ and $\$ 1,904$, respectively | (451 | ) | (2,348 | ) | (2,977 | ) |
| Net unrealized holding gains/ (losses) on marketable securities | (136 | ) | 6,694 |  | (19,086 | ) |
| Change in fair value of interest rate swaps, net of tax of \$(699), $\$(618)$ and $\$(1,714)$, respectively | 1,299 |  | 1,146 |  | 3,181 |  |
| Defined benefit plans: |  |  |  |  |  |  |
| Net (loss)/ gain, net of tax of \$(57), \$12,080 and \$(10,716), respectively | 90 |  | (18,892 | ) | 17,002 |  |
| Amortization of prior service costs, net of tax of \$905, \$905 and $\$ 812$, respectively | (1,418 | ) | (1,418 | ) | (1,509 | ) |
| Net (loss)/ gain on defined benefit plans | (1,328 | ) | (20,310 | ) | 15,493 |  |
| Other comprehensive loss | (165 | ) | (12,470 | ) | (412 | ) |
| Total comprehensive income | \$60,375 |  | 49,492 |  | 66,147 |  |
| See accompanying notes to consolidated financial statements |  |  |  |  |  |  |

61

## Table of Contents

NORTHWEST BANCSHARES, INC.
CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY
For the years ended December 31, 2015, 2014 and 2013
(amounts in thousands, excluding per share data)


See accompanying notes to consolidated financial statements

## Table of Contents

NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(Amounts in thousands)

Operating activities:
Net Income
Adjustments to reconcile net income to net cash provided by operating activities:
Provision for loan losses
Net gain on sale of assets
Net depreciation, amortization and accretion
Decrease in other assets
Increase/ (decrease) in other liabilities
Net amortization of premium on marketable securities
Noncash compensation expense related to stock benefit plans
Noncash impairment losses on investment securities
Noncash impairment of real estate owned
Deferred income tax expense/ (benefit)
Origination of loans held for sale
Proceeds from sale of loans held for sale
Net cash provided by operating activities
Investing activities:
Purchase of marketable securities available-for-sale (59,980 ) (49,996) (234,965
Proceeds from maturities and principal reductions of marketable
securities held-to-maturity
Proceeds from maturities and principal reductions of marketable securities available-for-sale
Proceeds from sale of marketable securities available-for-sale
Loan originations
Proceeds from loan maturities and principal reductions
(Purchases)/ redemptions of Federal Home Loan Bank stock
Proceeds from sale of real estate owned
Sale of real estate owned for investment, net
Purchase of premises and equipment
Acquisitions, net of cash received
Net cash used in investing activities

| Years ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2015 |  | 2014 |  | 2013 |  |
| \$60,540 |  | 61,962 |  | 66,559 |  |
| 9,712 |  | 20,314 |  | 18,519 |  |
| (921 | ) | (5,236 | ) | (6,061 | ) |
| 8,958 |  | 9,868 |  | 8,952 |  |
| 37,969 |  | 9,241 |  | 12,057 |  |
| (18,998 | ) | (22,857 | ) | 2,890 |  |
| 1,149 |  | 383 |  | 298 |  |
| 5,570 |  | 5,711 |  | 5,083 |  |
| - |  | - |  | 713 |  |
| 2,923 |  | 2,318 |  | 4,158 |  |
| 6,290 |  | 8,595 |  | 1,262 |  |
| (2,504 | ) | (1,042 | ) | (36,773 | ) |
| 2,514 |  | 1,315 |  | 52,550 |  |
| 113,202 |  | 90,572 |  | 130,207 |  |
| (59,980 | ) | (49,996 | ) | (234,965 | ) |
| 72,265 |  | 17,673 |  | 33,764 |  |
| 280,277 |  | 162,007 |  | 255,064 |  |
| 1,246 |  | 7,910 |  | 16,003 |  |
| (2,319,800 | ) | (1,944,677 | ) | (2,072,797 | ) |
| 2,000,712 |  | 1,730,603 |  | 1,924,179 |  |
| (3,770 | ) | 10,422 |  | 3,119 |  |
| 13,961 |  | 10,216 |  | 18,036 |  |
| 608 |  | 607 |  | 814 |  |
| (13,223 | ) | (9,968 | ) | (19,367 | ) |
| (61,108 | ) | (2,792 | ) | - |  |
| (88,812 | ) | (67,995 | ) | (76,150 |  |

## Table of Contents

NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(Amounts in thousands)

|  | Years ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2013 |  |
| Financing activities: |  |  |  |  |  |  |
| Decrease in deposits, net | \$(60,236 | ) | (36,337 |  | (95,721 | ) |
| Proceeds from long-term borrowings | 135,000 |  | - |  | 30,000 |  |
| Repayments of long-term borrowings | (172,552 | ) | (52 |  | (68 | ) |
| Net increase/ (decrease) in short-term borrowings | 61,281 |  | 6,516 |  | (8,334 | ) |
| Increase in advances by borrowers for taxes and insurance | 2,975 |  | 3,838 |  | 3,344 |  |
| Redemption of Junior subordinated debentures | (8,119 | ) | - |  | - |  |
| Share repurchases | (7,847 | ) | (5,273 |  | (4,459 | ) |
| Cash dividends paid on common stock | (52,825 | ) | (149,932 |  | (45,871 | ) |
| Proceeds from stock options exercised | 4,303 |  | 6,519 |  | 6,618 |  |
| Excess tax benefit from stock-based compensation | 332 |  | 945 |  | 635 |  |
| Net cash used in financing activities | (97,688 | ) | (173,776 |  | (113,856 | ) |
| Net decrease in cash and cash equivalents | \$(73,298 | ) | (151,199 |  | (59,799 | ) |
| Cash and cash equivalents at beginning of period | \$240,706 |  | 391,905 |  | 451,704 |  |
| Net decrease in cash and cash equivalents | (73,298 | ) | (151,199 |  | (59,799 | ) |
| Cash and cash equivalents at end of period | \$167,408 |  | 240,706 |  | 391,905 |  |
| Cash and cash equivalents: |  |  |  |  |  |  |
| Cash and due from banks | \$92,263 |  | 87,401 |  | 98,122 |  |
| Interest-earning deposits in other financial institutions | 74,510 |  | 152,671 |  | 293,149 |  |
| Federal funds sold and other short-term investments | 635 |  | 634 |  | 634 |  |
| Total cash and cash equivalents | \$167,408 |  | 240,706 |  | 391,905 |  |
| Cash paid during the period for: |  |  |  |  |  |  |
| Interest on deposits and borrowings (including interest credited to deposit accounts of $\$ 21,949, \$ 22,783$ and $\$ 26,326$, respectively) | \$55,270 |  | 56,539 |  | 61,162 |  |
| Income taxes | 16,719 |  | 26,042 |  | 22,881 |  |
| Noncash activities: |  |  |  |  |  |  |
| Business acquisitions: |  |  |  |  |  |  |
| Fair value of assets acquired | \$ 1,160,190 |  | 2,798 |  | - |  |
| Net cash paid | (61,108 | ) | (2,792 | ) | - |  |
| Liabilities assumed | \$ 1,099,082 |  | 6 |  | - |  |
| Loan foreclosures and repossessions | \$7,633 |  | 10,820 |  | 14,529 |  |
| Sale of real estate owned financed by the Company | 2,264 |  | 486 |  | 943 |  |
| See accompanying notes to consolidated financial statements |  |  |  |  |  |  |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Summary of Significant Accounting Policies
(a)

Nature of Operations
Northwest Bancshares, Inc., a Maryland corporation headquartered in Warren, Pennsylvania, the federal savings and loan holding company for its wholly owned subsidiary, Northwest Bank. Northwest Bank, a Pennsylvania chartered savings bank, offers personal and business deposit and loan products as well as investment management and insurance services through its 181 banking locations in Pennsylvania, New York, Ohio and Maryland. Northwest Bank, through its subsidiary Northwest Consumer Discount Company, also offers personal loan products through 51 consumer finance offices in Pennsylvania.

Principles of Consolidation
The consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries after elimination of all intercompany accounts and transactions.
(c) Cash and Cash Equivalents

For purposes of the statement of cash flows, cash and cash equivalents include cash and amounts due from banks, interest-bearing deposits in other financial institutions, federal funds sold, and other short-term investments with original maturities of three months or less.
(d) Investment Securities

We classify marketable securities at the time of purchase as held-to-maturity, available-for-sale, or trading securities. Securities for which management has the intent and ability to hold until maturity are classified as held-to-maturity and are carried at cost, adjusted for amortization of premiums and accretion of discounts on a level yield basis (amortized cost). If it is management's intent at the time of purchase to hold securities for an indefinite period of time and/or to use such securities as part of its asset/liability management strategy, the securities are classified as available-for-sale and are carried at fair value, with unrealized gains and losses reported as accumulated other comprehensive income/ (loss), a separate component of shareholders' equity, net of tax. Securities classified as available-for-sale include securities that may be sold in response to changes in interest rates, resultant prepayment risk, or other market factors. Securities that are bought and held principally for the purpose of selling them in the near term are classified as trading and are reported at fair value, with changes in fair value included in earnings. The cost of securities sold is determined on a specific identification basis. We held no securities classified as trading at or for the years ended December 31, 2015 and 2014.

On at least a quarterly basis, we review our investments for other-than-temporary impairment ("OTTI"). An investment security is deemed impaired if the fair value of the investment is less than its amortized cost. If an investment security is determined to be impaired, we evaluate whether the decline in value is other-than-temporary. We consider whether or not we expect to receive all of the contractual cash flows from the investment security based on factors that include, but are not limited to the credit worthiness of the issuer and the historical and projected performance of the underlying collateral. Also, we may evaluate the business and financial outlook of the issuer, as well as broader economic
performance indicators. We consider both our intent to sell and the likelihood that we will not have to sell the investment securities before recovery of their cost basis during our evaluation. Impairment that is deemed credit related is recognized in earnings while impairment deemed noncredit related is recorded in accumulated other comprehensive income, if we do not intend to sell nor it is not likely we will be required to sell the investment security. If we intend to sell the investment security or if it's more likely than not that we will be required to sell the investment security, the entire impairment is recorded in earnings.

Federal law requires a member institution of the Federal Home Loan Bank (FHLB) system to hold stock of its district FHLB according to a predetermined formula. This stock is recorded at cost. Quarterly, we evaluate our investment in the FHLB of Pittsburgh for impairment. We evaluate recent and long-term operating performance, liquidity, funding and capital positions, stock repurchase history, dividend history and impact of legislative and regulatory changes. Based on our most recent evaluation, we have determined that no impairment write-downs are currently required.

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Loans Receivable
Our loan portfolio segments consist of Personal Banking and Business Banking loans. Personal Banking loans include the following classes: residential mortgage loans, home equity loans and other consumer loans. Business Banking loans include the following classes: commercial real estate loans and commercial loans. All classes of originated loans are carried at their unpaid principal balance net of any deferred origination fees or costs and the allowance for estimated loan losses. Interest income on loans is credited to income as earned. Interest earned on loans for which no payments were received during the month is accrued at month end. Accrued interest on loans more than 90 days delinquent is reversed and such loans are placed on nonaccrual status.

All loans are placed on nonaccrual status when principal or interest is 90 days or more delinquent or when there is reasonable doubt that interest or principal will not be collected in accordance with the contractual terms. Interest receipts on all nonaccrual and impaired loans are recognized as interest revenue when it has been determined that all principal and interest will be collected or are applied to principal when collectability of principal is in doubt. Nonaccrual loans generally are restored to an accrual basis when principal and interest become current and a period of performance has been established in accordance with the contractual terms, typically six months.

A loan is considered to be a troubled debt restructured loan (TDR) when the restructuring constitutes a concession and the borrower is experiencing financial difficulties. TDRs may include modifications of terms of loans, receipts of assets from borrowers in partial or full satisfaction of loans, or a combination thereof. TDRs are impaired loans. A modified loan is determined to be a TDR based on the contractual terms as specified by the original loan agreement or the most recent modification. Once classified a TDR, a loan is removed from such classification under three circumstances: (1) the loan is paid off, (2) the loan is charged off, or (3) if, at the beginning of the current fiscal year, the loan has performed in accordance with the modified terms for a minimum of six consecutive months and at the time of modification the loan's interest rate represented a then current market interest rate for a loan of similar risk.

Loan delinquency is measured based on the number of days since the payment due date. Past due status is measured using the loan's contractual maturity date.

Loan fees and certain direct loan origination costs are deferred and the net deferred fee or cost is then recognized using the level-yield method over the contractual life of the loan as an adjustment to interest income.

We identify certain residential mortgage loans which will be sold prior to maturity, as loans held for sale. These loans are recorded at the lower of amortized cost or fair value less estimated cost to sell. At December 31, 2015 and 2014, there were no residential mortgage loans classified as held for sale.

Acquired loans are recorded at fair value with no carryover of the related allowance for loan losses. Determining the fair value of the loans involves estimating the amount and timing of principal and interest cash flows expected to be collected on the loans and discounting those cash flows at a market rate of interest.

The excess of cash flows expected at acquisition over the estimated fair value is referred to as the accretable discount and is recognized into interest income over the remaining life of the loan. The difference between contractually required payments at acquisition and the cash flows expected to be collected at acquisition is referred to as the
nonaccretable discount. The nonaccretable discount represents estimated future credit losses expected to be incurred over the life of the loan. Subsequent decreases to the expected cash flows require us to evaluate the need for an allowance for loan losses. Subsequent improvements in expected cash flows result in the reversal of a corresponding amount of the nonaccretable discount which we then reclassify as accretable discount that is recognized into interest income over the remaining life of the loan using the interest method. Charge-offs of the principal amount on acquired loans would be first applied to the nonaccretable discount portion of the fair value adjustment.

Acquired loans that met the criteria for nonaccrual of interest prior to the acquisition may be considered performing upon acquisition, regardless of whether the customer is contractually delinquent, if we can reasonably estimate the timing and amount of the expected cash flows on such loans and if we expect to fully collect the new carrying value of the loans. As such, we may no longer consider the loan to be nonaccrual or nonperforming and may accrue interest on these loans, including the impact of

Table of Content
NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
any accretable discount. We have determined that we can reasonably estimate future cash flows on our current portfolio of acquired loans that are past due 90 days or more and on which we are accruing interest and we expect to fully collect the carrying value of the loans.

## Allowance for Loan Losses and Provision for Loan Losses

Provisions for estimated loan losses and the amount of the allowance for loan losses are based on losses inherent in the loan portfolio that are both probable and can be reasonably estimated at the date of the financial statements.

We consider a loan to be impaired when it is probable that we will be unable to collect all amounts due according to the contractual terms of the loan agreement. In evaluating whether a loan is impaired, we consider not only the amount that we expect to collect but also the timing of collection. Generally, if a delay in payment is insignificant (e.g., less than 30 days), a loan is not deemed to be impaired.

Business Banking loans greater than or equal to $\$ 1.0$ million are reviewed to determine if they should be individually evaluated for impairment. Smaller balance, homogeneous loans (e.g., primarily residential mortgage, home equity and consumer loans) are evaluated collectively for impairment. When a loan is considered to be impaired, the amount of impairment is measured based on the present value of expected future cash flows discounted at the loan's effective interest rate, the loan's market price, or fair value of the collateral, less estimated cost to sell, if the loan is collateral dependent. Impairment losses are included in the allowance for loan losses. Impaired loans are charged-off or charged down when we believe that the ultimate collectability of a loan is not likely or the collateral value no longer supports the carrying value of the loan.

Interest income on non-performing loans is recognized using the cash basis method. For non-performing loans interest collected is credited to income in the period of recovery or applied to reduce principal if there is sufficient doubt about the collectability of principal.

The allowance for loan losses is shown as a valuation allowance to loans. The accounting policy for the determination of the adequacy of the allowance by portfolio segment requires us to make numerous complex and subjective estimates and assumptions relating to amounts which are inherently uncertain. The allowance for loan losses is maintained to absorb losses inherent in the loan portfolio as of the balance sheet date. The methodology used to determine the allowance for loan losses is designed to provide procedural discipline in assessing the appropriateness of the allowance for loan losses. Losses are charged against and recoveries are added to the allowance for loan losses.

For Business Banking loans the allowance for loan losses consists of:
An allowance for impaired loans;
An allowance for homogenous loans based on historical losses; and
An allowance for homogenous loans based on environmental factors.
The allowance for impaired loans is based on individual analysis of all nonperforming loans greater than or equal to $\$ 1.0$ million. The allowance is measured by the difference between the recorded value of impaired loans and their impaired value. The impaired value is either the present value of the expected future cash flows from the borrower, the market value of the loan, or the fair value of the collateral, less estimated cost to sell.

The allowance for homogeneous loans based on historical factors is a rolling three-year average of actual losses incurred, adjusted for a loss realization period (the period of time from the event of loss to loss realization), applied to homogenous pools of loans categorized by similar risk characteristics, not including loans evaluated individually for impairment.

The allowance for homogeneous loans based on environmental factors augments the historical loss factors for changes in: economic conditions, lending policies and procedures, the nature and volume of the loan portfolio, management, delinquency trends, loan administration, collateral values, concentrations of credit, and other external factors including legal and regulatory factors.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

For Personal Banking loans the allowance for loan losses consists of:
An allowance for loans 90 days or more delinquent;
An allowance for homogenous loans based on historical losses; and
An allowance for homogenous loans based on environmental factors.
The allowance for loans 90 days or more delinquent is based on the loss history of loans that have become 90 days or more delinquent. We apply a historical loss factor to homogeneous pools of loans that are 90 days or more delinquent.

The allowance for homogeneous loans based on historical losses is a rolling three-year average of actual losses incurred, adjusted for a loss realization period, applied to homogenous pools of loans categorized by similar risk characteristics, not including loans that are 90 days or more delinquent.

The allocation of the allowance for loan losses is inherently judgmental, and the entire allowance for loan losses is available to absorb loan losses regardless of the nature of the loss.

Personal Banking loans are charged-off or charged down when they become 180 days delinquent, unless the borrower has filed for bankruptcy. Business Banking loans are charged-off or charged down when, in our opinion, they are no longer collectible or when it has been determined that the collateral value no longer supports the carrying value of the loan, for loans that are collateral dependent.

We have not made any material changes to our methodology for the calculation of the allowance for loan losses during the current year.

## (g)

Real Estate Owned
Real estate owned is comprised of property either acquired through foreclosure or voluntarily conveyed by borrowers. These assets are recorded on the date acquired at the lower of the loan balance or fair value of the collateral, less estimated disposition costs, with the fair value being determined by an appraisal. Any initial write-down is charged to the allowance for loan losses. Subsequently, foreclosed assets are valued at the lower of the amount recorded at acquisition date or the current fair value, less estimated disposition costs. Any subsequent write-down or gains or losses realized from the disposition of such property are credited or charged to noninterest income.

## (h) <br> Premises and Equipment

Premises and equipment are carried at cost, less accumulated depreciation and amortization. Depreciation is accumulated on a straight-line basis over the estimated useful lives of the related assets. Estimated lives range from three to 39 years. Amortization of leasehold improvements is accumulated on a straight-line basis over the terms of the related leases or the useful lives of the related assets, whichever is shorter.

[^1]Goodwill is generated from the premium paid for an acquisition and is allocated to reporting units, which are either the Company's reportable segments or one level below. Goodwill is not subject to amortization but is tested for impairment at least annually and possibly more frequently if certain events occur or changes in circumstances arise. Impairment testing requires that the fair value of each reporting unit be compared to its carrying amount, including goodwill. Reporting units are identified based upon analyzing each individual operating segment. A reporting unit is defined as a distinct, separately identifiable component of an operating segment for which complete, discrete financial information is available that management regularly reviews. Determining the fair value of a reporting unit requires a high degree of subjective management judgment, including developing cash flow projections, selecting appropriate discount rates, identifying relevant market comparables, incorporating general economic and market conditions and selecting an appropriate control premium. The selection and weighting of the various fair value techniques may result in a higher or lower fair value. Judgment is applied in determining the weightings that are most representative of fair value. We conducted our annual goodwill impairment assessment as of June 30th through the assistance of

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
an independent third party. We valued each reporting unit by using a weighted average of four valuation methodologies; comparable transaction approach, control premium approach, public market peers approach and discounted cash flow approach. Declines in fair value could result in impairment being identified. At June 30, 2015 and 2014, we did not identify any individual reporting unit where the fair value was less than the carrying value and no other events have occurred since that date that would warrant an updated valuation. Future changes in the economic environment or the operations of the operating units could cause changes to the variables used, which could give rise to declines in the estimated fair value of the reporting units. There were no changes in our operations that would cause us to update the goodwill impairment tests performed as of June 30, 2015 and 2014. Accordingly, we have determined that goodwill is not impaired as of December 31, 2015 and 2014.

Core Deposit Intangibles and Other Identifiable Intangibles
Through the assistance of an independent third party, we analyze and prepare a core deposit study for all bank acquisitions or other identifiable intangible asset study, such as customer lists, for all non-bank acquisitions. The core deposit study reflects the cumulative present value benefit of acquiring deposits versus an alternative source of funding. The other identifiable intangible asset study reflects the cumulative present value benefit of acquiring the income stream from an existing customer base versus developing new business relationships. Based upon analysis, the amount of the premium related to the core deposits or other identifiable intangibles of the business purchased is calculated along with the estimated life of the intangible. The intangible, which is recorded in other intangible assets, is then amortized to expense on an accelerated basis over an approximate life of 7 years.

## (k) Bank-Owned Life Insurance

We own insurance on the lives of a certain group of key employees and directors. The policies were purchased to help offset the increase in the costs of various fringe benefit plans, including healthcare, as well as the directors deferred compensation plan. The cash surrender value of these policies is included as an asset on the consolidated statements of financial condition, and any increases in the cash surrender value are recorded as tax-free noninterest income on the consolidated statements of income. In the event of the death of an insured individual under these policies, after distribution to the insured's beneficiaries, if any, we receive a tax-free death benefit, which is recorded as noninterest income.
(1)
Deposits

Interest on deposits is accrued and charged to expense monthly and is paid or credited in accordance with the terms of the accounts.
(m)

Pension Plans
We maintain multiple noncontributory defined benefit pension plans for substantially all of our employees. The net periodic pension cost has been calculated using service cost, interest cost, expected returns on plan assets and net amortization.

Income Taxes

We join with our wholly owned subsidiaries in filing a consolidated federal income tax return. In accordance with an intercompany tax allocation agreement, the applicable federal income tax expense or benefit is allocated to each subsidiary based upon taxable income or loss calculated on a separate company basis. Each subsidiary is responsible for payment of its own federal income tax liability or receives reimbursement of federal income tax benefit. In addition, deferred taxes are calculated and maintained on a separate company basis.

We account for income taxes under the asset and liability method. The objective of the asset and liability method is to establish deferred tax assets and liabilities for temporary differences between the financial reporting and tax basis of our assets and liabilities based on the tax rates expected to be in effect when such amounts are realized or settled.

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

We determine the fair value of each option award, estimated on the grant date, using the Black-Scholes-Merton option-pricing model. The Black-Scholes-Merton option-pricing model uses variables including; expected volatilities, expected term, risk-free discount rate and annual rate of quarterly dividends. Expected volatilities are based on historical volatility of the Company's stock. The expected terms are based upon actual exercise and forfeiture experience of previous option grants. The risk-free rate is based on yields on U.S. Treasury securities of a similar maturity to the expected term of the options. During the year ended December 31, 2015, we awarded 600,570 stock options to employees and 64,800 stock options to directors. Option awards are generally granted with an exercise price equal to the closing market price of the Company's stock on the day before the grant date. The options granted in 2015 vest over a ten-year period, with the first vesting occurring on the grant date. New shares are issued when options are exercised.

During the year ended December 31, 2015, we awarded 282,050 common shares to employees and 24,300 common shares to directors. The common share awards granted in 2015 vest over a ten-year period, with the first vesting occurring on the grant date. During the year ended December 31, 2015 we awarded 126,280 common shares to eligible employees from our employee stock ownership plan ("ESOP"). For additional information regarding grants of stock options and common shares and ESOP distributions see Note 15.

Stock-based employee compensation expense related to common share awards of $\$ 3.0$ million, $\$ 3.0$ million and $\$ 2.4$ million was included in income before income taxes during the years ended December 31, 2015, 2014 and 2013, respectively. The effect on net income for the years ended December 31, 2015, 2014 and 2013 was a reduction of $\$ 1.8$ million, $\$ 1.8$ million and $\$ 1.6$ million, respectively. Total compensation expense for unvested stock options of $\$ 4.3$ million has yet to be recognized as of December 31, 2015. The weighted average period over which this remaining stock option expense will be recognized is approximately 4.23 years.

The fair value of each option grant is estimated on the date of grant using the Black-Scholes-Merton option-pricing model with the following weighted average assumptions: (1) dividend yields ranging from $1.6 \%$ to $5.1 \%$ based on historical dividends and market prices; (2) expected volatility of $17 \%$ to $33 \%$ based on historical volatility; (3) risk-free interest rates ranging from $1.7 \%$ to $6.5 \%$; and (4) expected lives of seven to nine years based on previous grants.
(p)

Segment Reporting
We have 2 reportable segments, Community Banking and Consumer Finance. See note 22 for related disclosures.
Derivative financial instruments - interest rate swaps
We recognize all derivative financial instruments as either assets or liabilities in the balance sheet and measure those instruments at fair value. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and the resulting designation. An entity that elects to use hedge accounting is required, at inception, to establish the method it will use for assessing the effectiveness of the hedging derivative and the measurement approach for determining the ineffective aspect of the hedge. Those methods must be consistent with our approach to managing risk.

We utilize interest rate swap agreements as part of the management of interest rate risk to hedge the interest rate risk on our trust preferred debentures. Amounts receivable or payable are recognized as accrued under the terms of the agreements and the differential is recorded as an adjustment to interest expense. The interest rate swaps are designated as cash flow hedges, with the effective portion of the derivative's unrealized gain or loss recorded as a component of other comprehensive income. The ineffective portion of the unrealized gain or loss, if any, would be recorded in other expense. See note 23 for related disclosures.
(r)

Off-Balance-Sheet Instruments
In the normal course of business, we extend credit in the form of loan commitments, undisbursed lines of credit, and standby letters of credit. These off-balance-sheet instruments involve, to various degrees, elements of credit and interest rate risk

70

Table of Content
NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
not reported in the consolidated statement of financial condition. We utilize the same underwriting standards for these instruments as other extensions of credit.

## (s) Use of Estimates

The preparation of financial statements, in conformity with accounting principles generally accepted in the United States of America, requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amount of revenues and expenses during the reporting period. The estimates and assumptions that we deem important to our financial statements relate to the allowance for loan losses, the accounting treatment and valuation of our investment securities portfolio, the analysis of the carrying value of goodwill and income taxes. These estimates and assumptions are based on management's best estimates and judgment and we evaluate them using historical experience and other factors, including the current economic environment. We adjust our estimates and assumptions when facts and circumstances dictate. As future events cannot be determined, actual results could differ significantly from our estimates.

## Reclassification of Prior Years' Statements

Certain items previously reported have been reclassified to conform with the current year's reporting format.
Recent Accounting Pronouncements

In May 2014 the FASB issued ASU 2014-09, "Revenue from Contracts with Customers". This guidance supersedes the revenue recognition requirements in Topic 605, Revenue Recognition, and most industry-specific guidance. The core principle of this guidance requires an entity to recognize revenue upon 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 and provides five steps to be analyzed to accomplish the core principle. This guidance is effective retrospectively for annual reporting periods beginning after December 15, 2017, including interim periods within those years and early adoption is not permitted. We are currently evaluating the impact this standard will have on our results of operations and financial position.

In June 2014 the FASB issued ASU 2014-12, "Compensation—Stock Compensation". This guidance requires that a performance target that affects vesting and that could be achieved after the requisite service period be treated as a performance condition. Specifically, if the performance target becomes probable of being achieved before the end of the requisite service period, the remaining unrecognized compensation cost should be recognized prospectively over the remaining requisite service period. Further, the total amount of compensation cost recognized during and after the requisite service period should reflect the number of awards that are expected to vest and should be adjusted to reflect those awards that ultimately vest. This guidance is effective for annual periods beginning after December 15, 2015, including interim periods within those years and early adoption is permitted. We do not expect that this standard will have a material impact on our results of operations or financial position.

In February 2015 the FASB issued ASU 2015-02, "Consolidation". This guidance amends existing standards regarding the evaluation of certain legal entities and their consolidation in the financial statements. The amendments modify the evaluation of whether limited partnerships and similar legal entities are variable interest entities or voting interest
entities and eliminate the presumption that a general partner should consolidate a limited partnership. The amendments also affect the consolidation analysis of reporting entities that are involved with variable interest entities and provide a scope exception from consolidation guidance for reporting entities with interests in legal entities that are required to comply with or operate in accordance with requirements that are similar to those in Rule 2a-7 of the Investment Company Act of 1940 for registered money market funds. This guidance is effective for annual periods beginning after December 15, 2015, including interim periods within those years and early adoption is permitted. We do not expect that this standard will have a material impact on our results of operations or financial position. In September 2015 the FASB issued ASU 2015-16, "Simplifying the Accounting for Measurement-Period Adjustments". This guidance eliminates the requirement to retrospectively adjust the financial statements for measurement-period adjustments that occur in periods after a business combination is consummated. This guidance is effective for annual periods beginning after December 15, 2015, including interim periods within those years and early adoption is permitted. We do not expect that this standard will have a material impact on our results of operations or financial position.

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

## (3) Acquisition

On August 14, 2015, the Company acquired LNB Bancorp, Inc. ("LNB"), the parent company of The Lorain National Bank, for total consideration of $\$ 181.0$ million, and thereby acquired LNB's 21 branch locations in the Ohio counties of Lorain, Cuyahoga and Summit. The acquisition of LNB enables the Company to expand its northeastern Ohio presence, improve its core deposit base, and add additional scale in its banking operations. The result of LNB's operations are included in the Consolidated Statements of Income from the date of acquisition.

Under the terms of the merger agreement, each outstanding share of LNB stock was converted into the right to receive either 1.461 shares of common stock of the Company, or $\$ 18.70$ in cash. As a result, LNB stockholders received $7,056,074$ shares of Company common stock, valued at $\$ 90.6$ million, based on the $\$ 12.84$ closing price of the Company's stock on August 14, 2015, and cash consideration of $\$ 90.4$ million.

The following table shows the consideration paid, the assets acquired, and the liabilities assumed that were recorded at fair value on the date of acquisition:

Consideration paid:
Northwest Bancshares, Inc. common stock issued \$90,608
Cash paid to LNB Bancorp, Inc. stockholders 90,350
$\begin{array}{ll}\text { Total consideration paid } & 180,958\end{array}$
Recognized amounts of identifiable assets acquired and (liabilities assumed), at fair value
Cash and cash equivalents
29,680
$\begin{array}{ll}\text { Investment securities available for sale } & 184,169\end{array}$
Loans 928,101
Federal Home Loan Bank stock 3,840
$\begin{array}{ll}\text { Premises and equipment } & 12,374\end{array}$
$\begin{array}{ll}\text { Core deposit intangible } & 7,375\end{array}$
Other assets 45,698
Deposits (1) (1,033,992
Borrowings $\quad(63,169$
Other liabilities $\quad(19,356$
Total indentifiable net assets 94,720

Goodwill \$86,238
(1) Subsequent to the September 30, 2015 reporting period, we adjusted deposits by $\$ 17.4$ million for trust account deposits maintained by LNB. This adjustment had no impact on goodwill.

We estimated the fair value of loans acquired from LNB by utilizing a methodology wherein similar loans were aggregated into pools. Cash flows for each pool were determined by estimating future credit losses and the rate of prepayments. Projected monthly cash flows were then discounted to present value based on a market rate for similar loans. There was no carryover of LNB's allowance for loan losses associated with the loans we acquired as the loans were initially recorded at fair value.

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72
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## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table shows information related to the purchased credit impaired LNB loan portfolio as of August 14, 2015:

| Contractually required principal and interest at acquisition | $\$ 41,175$ |
| :--- | :--- |
| Contractual cash flows not expected to be collected (nonaccretable discount) | $(19,900$ |
| Expected cash flows at acquisition | 21,275 |
| Interest component of expected cash flows (accretable discount) | $(1,672$ |
| Fair value of purchased credit impaired loans | $\$ 19,603$ |

The core deposit intangible asset is being amortized over its estimated useful life of approximately seven years utilizing an accelerated method. The goodwill, which is not amortized for book purposes, was assigned to our Community Banking segment and is not deductible for tax purposes. The fair values of savings and transaction deposit accounts acquired from LNB were assumed to approximate the carrying value as these accounts have no stated maturity and are payable on demand. Certificates of deposit were valued by projecting out the expected cash flows based on the contractual terms of the certificates of deposit. These cash flows were discounted based on a market rate for a certificate of deposit with a corresponding maturity.

Direct costs related to the LNB acquisition were expensed as incurred and amounted to $\$ 9.8$ million for the year ended December 31, 2015. Technology and communications termination costs comprised more than half of these expenses, which also included professional services, marketing and advertising, severance costs, and other noninterest expenses.
(4) Marketable Securities

Marketable securities available-for-sale at December 31, 2015 are as follows:

| Amortized <br> cost | Gross <br> unrealized <br> holding <br> gains | Gross <br> unrealized <br> holding <br> losses | Fair <br> value |
| :--- | :--- | :--- | :--- |
| $\$ 11$ | - | - | 11 |
| 15500 | 3 | -48 | 15.45 |
| 15,500 | 3 | $(48$ | $) 15,455$ |
| 257,463 | 298 | $(1,395$ | $) 256,366$ |
| 12,721 | 14 | $(23$ | $) 12,712$ |
| 9,815 | 135 | $(43$ | $) 9,907$ |
| 1,400 | 500 | $(6$ | $) 1,894$ |
|  |  |  |  |
| 1,684 | 8 | - | 1,692 |
| 14,327 | 117 | $(4$ | $) 14,440$ |
| 12,400 | 323 | - | 12,723 |
| 52,286 | 1,727 | - | 54,013 |

Corporate debt issues:

| Due after ten years | 14,463 | 2,417 | $(405$ | $) 16,475$ |
| :--- | :--- | :--- | :--- | :--- |
| Residential mortgage-backed securities: |  |  |  |  |
| Fixed rate pass-through | 118,266 | 2,480 | $(420$ | $)$ |
| Variable rate pass-through | 54,292 | 2,616 | $(7$ | $) 56,326$ |
| Fixed rate non-agency CMOs | 2,519 | 230 | - | 2,749 |
| Fixed rate agency CMOs | 215,719 | 389 | $(3,881$ | $) 212,227$ |
| Variable rate agency CMOs | 86,090 | 476 | $(52$ | $) 86,514$ |
| Total residential mortgage-backed securities | 476,886 | 6,191 | $(4,360$ | $) 478,717$ |
| Total marketable securities available-for-sale | $\$ 868,956$ | 11,733 | $(6,284$ | $) 874,405$ |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Marketable securities held to maturity at December 31, 2015 are as follows:

|  | Amortized <br> cost | Gross <br> unrealized <br> holding <br> gains | Gross <br> unrealized <br> holding <br> losses | Fair <br> value |
| :--- | :--- | :--- | :--- | :--- |
| Municipal securities: | $\$ 274$ | 1 | - | 275 |
| Due after five years through ten years | 6,336 | 239 | - | 6,575 |
| Due after ten years |  |  |  |  |
| Residential mortgage-backed securities: | 6,458 | 351 | - | 6,809 |
| Fixed rate pass-through | 3,618 | 41 | - | 3,659 |
| Variable rate pass-through | 14,033 | 219 | - | 14,252 |
| Fixed rate agency CMOs | 970 | 12 | - | 982 |
| Variable rate agency CMOs | 25,079 | 623 | - | 25,702 |
| Total residential mortgage-backed securities | $\$ 31,689$ | 863 | - | 32,552 |
| Total marketable securities held-to-maturity |  |  |  |  |

Marketable securities available-for-sale at December 31, 2014 are as follows:

|  | Gross | Gross |  |
| :--- | :--- | :--- | :--- |
| Amortized | unrealized <br> cost | unrealized <br> holding <br> gains | Fair <br> holding <br> losses |

Debt issued by the U.S. government and agencies:
Due in one year or less
Debt issued by government sponsored enterprises:
Due after one year through five years
Due after five years through ten years

Equity securities
310,172
25,746
2,591
682
(116
25

Municipal securities:
Due in one year or less
Due after one year through five years
Due after five years through ten years
Due after ten years
Corporate debt issues:
Due after ten years
Residential mortgage-backed securities:
Fixed rate pass-through

| 72,852 | 3,149 | $(124$ | $)$ |
| :--- | :--- | :--- | :--- |
| 65,877 |  |  |  |
| 66,140 | 3,466 | $(8$ | $)$ |
| 3,162 | 246 | - | 3,408 |

Fixed rate non-agency CMOs
3,162 246
(419 ) 20,427

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|  | 226,413 | 685 | $(5,331$ | $)$ |
| :--- | :--- | :--- | :--- | :--- |
| Fixed rate agency CMOs | 221,767 |  |  |  |
| Variable rate agency CMOs | 113,842 | 657 | $(37$ | $) 114,462$ |
| Total residential mortgage-backed securities | 482,409 | 8,203 | $(5,500$ | $) 485,112$ |
| Total marketable securities available-for-sale | $\$ 906,702$ | 14,404 | $(8,735$ | $) 912,371$ |

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Marketable securities held to maturity at December 31, 2014 are as follows:

| Amortized cost | Gross unrealized holding gains | Gross unrealized holding losses | Fair value |
| :---: | :---: | :---: | :---: |
| \$10,207 | 141 | - | 10,348 |
| 56,545 | 1,314 | - | 57,859 |

Residential mortgage-backed securities:

| Fixed rate pass-through | 8,236 | 477 | - | 8,713 |
| :--- | :--- | :--- | :--- | :--- |
| Variable rate pass-through | 4,273 | 122 | - | 4,395 |
| Fixed rate agency CMOs | 23,382 | 531 | - | 23,913 |
| Variable rate agency CMOs | 1,052 | 12 | - | 1,064 |
| Total residential mortgage-backed securities | 36,943 | 1,142 | - | 38,085 |
| Total marketable securities held-to-maturity | $\$ 103,695$ | 2,597 | - | 106,292 |

The following table presents information regarding the issuers and the carrying values of our mortgage-backed securities at December 31, 2015 and 2014:

|  | December 31, <br> Residential mortgage backed securities: | 2015 |
| :--- | :--- | :--- |

Marketable securities having a carrying value of $\$ 331.8$ million at December 31, 2015, were pledged under collateral agreements. During the year ended December 31, 2015, we sold marketable securities classified as available-for-sale for $\$ 1.2$ million, with gross realized gains of $\$ 121,000$ and gross realized losses of $\$ 67,000$. During the year ended December 31, 2014, we sold marketable securities classified as available-for-sale for $\$ 7.9$ million, with gross realized gains of $\$ 4.4$ million and gross realized losses of $\$ 0$. During the year ended December 31, 2013, we sold marketable securities classified as available-for-sale for $\$ 16.0$ million with gross realized gains of $\$ 5.8$ million and gross realized losses of $\$ 0$. During the years ended December 31, 2015, 2014 and 2013, we recognized non-cash credit related other-than-temporary-impairment in our investment portfolio resulting in write-downs of $\$ 0, \$ 0$ and $\$ 713,000$, respectively.

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table shows the fair value and gross unrealized losses on investment securities, aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position at December 31, 2015:


The following table shows the fair value and gross unrealized losses on investment securities, aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position at December 31, 2014:


We perform an assessment to determine whether there have been any events or economic circumstances that indicate a security which has an unrealized loss is impaired other-than-temporarily. The assessment considers many factors including the severity and duration of the impairment; recent events specific to the issuer or industry; and for debt securities, external credit ratings, underlying collateral position and recent downgrades. For asset backed securities, we evaluate current characteristics of each security such as delinquency and foreclosure levels, credit enhancement and projected losses and coverage. It is possible that the underlying collateral of these securities will perform worse than current expectations, which may lead to adverse changes in cash flows on these securities and potential future losses. Events that may trigger material declines in fair values for these securities in the future would be, but are not limited to: deterioration of credit metrics, significantly higher levels of default and severity of loss on the underlying collateral, deteriorating credit enhancement and loss coverage ratios, or further illiquidity. For debt securities, credit related other-than-temporary impairment is recognized in earnings, while noncredit related other-than-temporary impairment on securities not expected to be sold, or otherwise disposed of, is recognized in other comprehensive income. We assert that we do not have the intent to sell these securities and it is more likely than not that we will not
have to sell these securities before a recovery of our cost basis. For these reasons, we consider the unrealized losses to be temporary impairment losses. There are approximately 148 positions that are temporarily impaired at December 31, 2015. The aggregate carrying amount of cost-method investments, including both held-to-maturity and available-for-sale, at December 31, 2015 was $\$ 907.0$ million, of which all were evaluated for impairment.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table sets forth the categories of investment securities as of December 31, 2015 on which other-than-temporary impairment charges have been recorded in earnings:
$\left.\begin{array}{lllll} & \begin{array}{l}\text { Total } \\ \text { Amortized }\end{array} & \begin{array}{l}\text { Fair }\end{array} & \begin{array}{l}\text { Unrealized }\end{array} & \begin{array}{l}\text { Accumulated } \\ \text { impairment } \\ \text { charges }\end{array} \\ \text { Category } & \text { cost } & \text { value } & \text { gain } & (10\end{array}\right)$

The table below shows a cumulative roll forward of credit related impairment losses recognized in earnings for debt securities held and not intended to be sold:

December 31, 20152014
$\begin{array}{ll}\text { Beginning balance as of January 1, (1) } & \text { 10,342 }\end{array}$
Credit losses on debt securities for which other-than-temporary impairment was not previously recognized

Reduction for losses realized during the year (98
Reduction for securities called realized during the year (360

```
) \((1,448 \quad)\)
```

Additional credit losses on debt securities for which other-than-temporary impairment was previously recognized
Ending balance as of December 31,
\$8,436
8,894
(1) The beginning balance represents credit losses included in other-than-temporary impairment charges recognized on debt securities in prior periods.

77

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
(5) Loans Receivable and Allowance for Loan Losses

Loans receivable at December 31, 2015 and 2014 are summarized in the table below:

|  | December 31, 2015 |  |  | Total |  | December 31, |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Originated |  | Acquired |  |  |  | 2014 |
| Personal Banking: |  |  |  |  |  |  |  |
| Residential mortgage loans | \$2,695,561 |  | 45,716 |  | 2,741,277 |  | 2,526,240 |
| Home equity loans | 1,055,907 |  | 131,199 |  | 1,187,106 |  | 1,066,131 |
| Other consumer loans | 307,961 |  | 202,656 |  | 510,617 |  | 242,744 |
| Total Personal Banking | 4,059,429 |  | 379,571 |  | 4,439,000 |  | 3,835,115 |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 2,094,710 |  | 429,564 |  | 2,524,274 |  | 1,874,944 |
| Commercial loans | 372,540 |  | 65,175 |  | 437,715 |  | 419,525 |
| Total Business Banking | 2,467,250 |  | 494,739 |  | 2,961,989 |  | 2,294,469 |
| Total loans receivable, gross | 6,526,679 |  | 874,310 |  | 7,400,989 |  | 6,129,584 |
| Deferred loan costs | 14,806 |  | 5,259 |  | 20,065 |  | 6,095 |
| Allowance for loan losses | (60,970 | ) | (1,702 | ) | (62,672 | ) | (67,518 ) |
| Undisbursed loan proceeds: |  |  |  |  |  |  |  |
| Residential mortgage loans | (10,778 | ) | - |  | (10,778 | ) | (10,879 |
| Commercial real estate loans | (159,553 | ) | (13,287 | ) | (172,840 | ) | (73,760 |
| Commercial loans | (11,132 | ) | (4,183 | ) | (15,315 | ) | (61,149 |
| Total loans receivable, net | \$6,299,052 |  | 860,397 |  | 7,159,449 |  | 5,922,373 |

As of December 31, 2015, 2014 and 2013, we serviced loans for others approximating $\$ 776.0$ million, $\$ 734.9$ million and $\$ 851.4$ million, respectively. These loans serviced for others are not our assets and are not included in our financial statements.

As of December 31, 2015 and 2014, approximately $65 \%$ and $76 \%$, respectively, of our loan portfolio was secured by properties located in Pennsylvania. We do not believe we have significant concentrations of credit risk to any one group of borrowers given our underwriting and collateral requirements.

Loans receivable as of December 31, 2015 and 2014 include $\$ 2.417$ billion and $\$ 1.876$ billion, respectively, of adjustable rate loans and $\$ 4.984$ billion and $\$ 4.254$ billion, respectively, of fixed rate loans.

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Acquired loans were initially measured at fair value and subsequently accounted for under either Accounting Standards Codification ("ASC") Topic 310-30 or ASC Topic 310-20. The following table provides information related to the outstanding principal balance and related carrying value of acquired loans for the dates indicated:

December 31, 2015

Acquired loans evaluated individually for future credit losses:
Outstanding principal balance
\$21,069
Carrying value
16,867
Acquired loans evaluated collectively for future credit losses:
Outstanding principal balance
848,194
Carrying value 839,973

Total acquired loans:
Outstanding principal balance 869,263
Carrying value 856,840

The following table provides information related to the changes in the accretable discount, which includes income recognized from contractual cash flows for the dates indicated:

|  | Total |
| :--- | :--- |
| Balance at December 31, 2014 | $\$-$ |
| LNB Bancorp, Inc. acquisition | 1,672 |
| Accretion | $(377$ |
| Net reclassification from nonaccretable yield | 724 |
| Balance at December 31, 2015 | $\$ 2,019$ |

The following table provides information related to purchased credit impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2015:

|  | Carrying <br> value | Outstanding <br> principal <br> balance | Related <br> impairment <br> reserve | recorded <br> investment <br> in impaired <br> loans | Interest <br> income/ <br> accretion <br> recognized |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Personal Banking: |  |  |  |  |  |
| Residental mortgage loans | $\$ 1,981$ | 2,910 | 14 | 2,083 | 41 |
| Home equity loans | 2,084 | 3,455 | 6 | 2,222 | 51 |
| Other consumer loans | 267 | 492 | 2 | 305 | 18 |
| Total Personal Banking | 4,332 | 6,857 | 22 | 4,610 | 110 |
| Business Banking: |  |  |  |  |  |
| Commercial real estate loans | 12,288 | 13,946 | 353 | 12,867 | 249 |
| Commercial loans | 247 | 266 | - | 335 | 18 |
| Total Business Banking | 12,535 | 14,212 | 353 | 13,202 | 267 |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to changes in the allowance for losses on loans receivable for the year ended December 31, 2015:
Balance
December 31, Provision $\quad$ Charge-offs

2015 $\quad$ Recoveries $\quad$| Balance |
| :--- |
| December 31, |
| 2014 |

Originated loans:
Personal Banking:

| Residential mortgage loans | $\$ 4,692$ | $(96$ | $)(1,057$ | $) 264$ | 5,581 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Home equity loans | 3,941 | 693 | $(1,716$ | $) 414$ | 4,550 |
| Other consumer loans | 7,488 | 7,985 | $(8,073$ | $) 1,458$ | 6,118 |
| Total Personal Banking | 16,121 | 8,582 | $(10,846$ | $)$ | 2,136 |
|  |  |  |  |  | 16,249 |
| Business Banking: |  |  |  |  |  |
| Commercial real estate loans | 32,348 | 540 | $(5,741$ | $) 4,160$ | 33,389 |
| Commercial loans | 12,501 | 2,768 | $(7,814$ | $) 4,032$ | 13,515 |
| Total Business Banking | 44,849 | 3,308 | $(13,555$ | $) 8,192$ | 46,904 |
|  |  | $(4,365$ | $)-$ | - | 4,365 |
| Unallocated (1) | - |  |  |  |  |
|  |  |  |  |  |  |
| Total originated loans | 60,970 |  |  |  |  |

Acquired loans:
Personal Banking:

| Residential mortgage loans | 18 | 47 | $(69$ | $) 40$ | - |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Home equity loans | 101 | 247 | $(708$ | $) 562$ | - |
| Other consumer loans | 110 | 188 | $(201$ | $) 123$ | - |
| Total Personal Banking | 229 | 482 | $(978$ | $) 725$ | - |
| Business Banking: |  |  |  |  |  |
| Commercial real estate loans <br> Commercial loans | 1,439 | 1,545 | $(585$ | $) 479$ | - |
| Total Business Banking | 34 | 160 | $(369$ | $) 243$ | - |
| Total acquired loans | 1,473 | 1,705 | $(954$ | $) 722$ | - |
| Total | 1,702 | 2,187 | $(1,932$ | $) 1,447$ | - |

(1) Due to enhancements in our allowance for loan losses process we allocated the previously unallocated allowance using both qualitative and quantitative factors.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to changes in the allowance for losses on loans receivable for the year ended December 31, 2014:

|  | Balance <br> December 31, $2014$ | Provision |  | Charge-off |  | Recoveries | Balance <br> December 31 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |  |
| Residential mortgage loans | \$5,581 | (556 | ) | (2,181 | ) | 443 | 7,875 |
| Home equity loans | 4,550 | (1,106 | ) | (1,783 | ) | 194 | 7,245 |
| Other consumer loans | 6,118 | 5,864 |  | (6,423 | ) | 1,190 | 5,487 |
| Total Personal Banking | 16,249 | 4,202 |  | (10,387 | ) | 1,827 | 20,607 |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 33,389 | 4,417 |  | (8,422 | ) | 2,195 | 35,199 |
| Commercial loans | 13,515 | 11,992 |  | (11,936 | ) | 2,579 | 10,880 |
| Total Business Banking | 46,904 | 16,409 |  | (20,358 | ) | 4,774 | 46,079 |
| Unallocated | 4,365 | (297 | ) | - |  | - | 4,662 |
| Total | \$67,518 | 20,314 |  | (30,745 | ) | 6,601 | 71,348 |

The following table provides information related to changes in the allowance for losses on loans receivable for the year ended December 31, 2013:

|  | Balance <br> December 31, 2013 | Provision | Charge-offs | Recoveries | Balance <br> December 31, <br> 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |
| Residential mortgage loans | \$7,875 | 1,954 | (2,501 | ) 420 | 8,002 |
| Home equity loans | 7,245 | 932 | (2,239 | ) 258 | 8,294 |
| Other consumer loans | 5,487 | 5,304 | (6,055 | ) 1,082 | 5,156 |
| Total Personal Banking | 20,607 | 8,190 | (10,795 | ) 1,760 | 21,452 |
| Business Banking: |  |  |  |  |  |
| Commercial real estate loans | 35,199 | 8,347 | (10,042 | ) 2,305 | 34,589 |
| Commercial loans | 10,880 | 1,346 | (5,007 | ) 1,389 | 13,152 |
| Total Business Banking | 46,079 | 9,693 | (15,049 | ) 3,694 | 47,741 |
| Unallocated | 4,662 | 636 | - | - | 4,026 |
| Total | \$71,348 | 18,519 | (25,844 | ) 5,454 | 73,219 |

While we use available information to provide for losses, future additions to the allowance may be necessary based on changes in economic conditions. In addition, various regulatory agencies, as an integral part of their examination process, periodically review our allowance for loan losses. Such agencies may require us to recognize additions to the allowance based on their judgments about information available to them at the time of their examination. Management
believes, to the best of their knowledge, that all known losses as of the balance sheet dates have been recorded.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to the loan portfolio by portfolio segment and by class of financing receivable as of December 31, 2015:


Personal Banking:

| Residential mortgage | $\$ 2,740,892$ | 4,710 | 19,772 | 4 | 6,360 | 1,189 | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| loans | $1,187,106$ | 4,042 | 7,522 | - | 2,298 | 605 | - |
| Home equity loans | 1,598 | 3,452 | 976 | - | - | - |  |
| Other consumer loans | 520,289 | 7,598 |  | - |  |  |  |
| Total Personal Banking | $4,448,287$ | 16,350 | 30,746 | 980 | 8,658 | 1,794 | - |

Business Banking:

| Commercial real estate loans | 2,351,434 | 33,787 | 33,421 | 206 | 31,970 | 2,257 | 241 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial loans | 422,400 | 12,535 | 7,495 | 148 | 10,487 | 631 | 79 |
| Total Business Banking | 2,773,834 | 46,322 | 40,916 | 354 | 42,457 | 2,888 | 320 |
| Total | \$7,222,121 | 62,672 | 71,662 | 1,334 | 51,115 | 4,682 | 320 |

The following table provides information related to the loan portfolio by portfolio segment and by class of financing receivable as of December 31, 2014:

| Recorded investment in loans receivable |  | Recorded | Recorded |  | Additional |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Allowance | estment | $\text { ² loans } 90$ |  |  |
|  | loan losses | on | past <br> (1) |  | with loans |
|  |  | naccrual | d still |  | classified as |
|  |  |  | accruing |  | TDRs |

Personal Banking:

| Residential mortgage loans | \$ 2,521,456 | 5,581 | 21,194 | 8 | 6,574 | 1,133 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Home equity loans | 1,066,131 | 4,550 | 9,569 | - | 2,412 | 229 | - |
| Other consumer loans | 242,744 | 6,118 | 2,820 | 206 | - | - |  |
| Total Personal Banking | 3,830,331 | 16,249 | 33,583 | 214 | 8,986 | 1,362 | - |

Business Banking:
$\begin{array}{lllllllll}\text { Commercial real estate } & 1,801,184 & 33,389 & 38,647 & - & 41,917 & 4,938 & 449\end{array}$

| Commercial loans | 358,376 | 13,515 | 7,578 | 21 | 10,885 | 1,095 | 814 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Total Business Banking 2,159,560 | 46,904 | 46,225 | 21 | 52,802 | 6,033 | 1,263 |  |
| Total | $\$ 5,989,891$ | 63,153 | 79,808 | 235 |  | 61,788 | 7,395 |

(1) Includes $\$ 24.5$ million of nonaccrual TDRs.

A loan is considered to be impaired, when, based on current information and events it is probable that we will be unable to collect all amounts due according to the contractual terms of the loan agreement including both contractual principal and interest payments. This includes non-accrual loans, loans more than 90 days delinquent and still accruing interest, loans for which we perform an impairment review and TDRs. Impairment is measured using one of three methods: (1) the present value of expected future cash flows discounted at the loan's effective interest rate; (2) the loan's observable market price; or (3) the fair value of

82

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
collateral if the loan is collateral dependent, less costs of sale or disposition. If the measure of the impaired loan is less than the recorded investment in the loan, a specific allowance is allocated for the impairment.

The following table provides information related to the composition of impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2015:

|  | Nonaccrual loans 90 or more days delinquent | Nonaccrual loans less than 90 days delinquent | Loans less than 90 days delinquent reviewed for impairment | TDRs less than 90 days delinquent not included elsewhere | Total impaired loans | Average recorded investment in impaired loans | Interest <br> income <br> recognized <br> on impaired <br> loans |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |  |
| Residential mortgage loans | \$15,810 | 3,962 | - | 5,086 | 24,858 | 24,554 | 944 |
| Home equity loans | 5,650 | 1,872 | - | 1,847 | 9,369 | 9,644 | 497 |
| Other consumer loans | 2,900 | 552 | - | - | 3,452 | 2,977 | 101 |
| Total Personal Banking | 24,360 | 6,386 | - | 6,933 | 37,679 | 37,175 | 1,542 |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 16,449 | 16,972 | 16,121 | 16,467 | 66,009 | 77,166 | 3,226 |
| Commercial loans | 2,459 | 5,036 | 2,014 | 4,654 | 14,163 | 16,187 | 694 |
| Total Business Banking | 18,908 | 22,008 | 18,135 | 21,121 | 80,172 | 93,353 | 3,920 |
| Total | \$43,268 | 28,394 | 18,135 | 28,054 | 117,851 | 130,528 | 5,462 |

The following table provides information related to the composition of impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2014:

|  | Nonaccrual loans 90 or more days delinquent | Nonaccrual loans less than 90 days delinquent | Loans less than 90 days delinquent reviewed for impairment | TDRs less than 90 days delinquent not included elsewhere | Total impaired loans | Average recorded investment in impaired loans | Interest <br> income <br> recognized <br> on impaired <br> loans |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |  |
| Residential mortgage loans | \$17,696 | 3,498 | - | 5,845 | 27,039 | 28,227 | 817 |
| Home equity loans | 6,606 | 2,963 | - | 1,706 | 11,275 | 11,753 | 485 |
| Other consumer loans | 2,450 | 370 | - | - | 2,820 | 2,383 | 66 |
| Total Personal Banking | 26,752 | 6,831 | - | 7,551 | 41,134 | 42,363 | 1,368 |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 11,099 | 27,548 | 26,400 | 12,128 | 74,337 | 90,187 | 3,589 |
| Commercial loans | 3,475 | 4,103 | 5,266 | 6,026 | 21,708 | 27,088 | 914 |
| Total Business Banking | 14,574 | 31,651 | 31,666 | 18,154 | 96,045 | 117,275 | 4,503 |

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Total
\$41,326 38,482 31,666
25,705
137,179 159,638
5,871

83

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to the composition of impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2013:

|  | Nonaccrual loans 90 or more days delinquent | Nonaccrual loans less than 90 days delinquent | Loans less than 90 days delinquent reviewed for impairment | TDRs less than 90 days delinquent not included elsewhere | Total impaired loans | Average recorded investment in impaired loans | Interest income recognized on impaired loans |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |  |
| Residential mortgage loans | \$24,625 | 2,652 | - | 3,372 | 30,649 | 29,994 | 723 |
| Home equity loans | 8,344 | 1,519 | - | 1,810 | 11,673 | 10,828 | 383 |
| Other consumer loans | 2,057 | 200 | - | - | 2,257 | 1,976 | 44 |
| Total Personal Banking | 35,026 | 4,371 | - | 5,182 | 44,579 | 42,798 | 1,150 |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 18,433 | 23,370 | 39,199 | 13,060 | 94,062 | 90,912 | 3,678 |
| Commercial loans | 4,298 | 21,723 | 5,219 | 3,963 | 35,203 | 41,303 | 1,127 |
| Total Business Banking | 22,731 | 45,093 | 44,418 | 17,023 | 129,265 | 132,215 | 4,805 |
| Total | \$57,757 | 49,464 | 44,418 | 22,205 | 173,844 | 175,013 | 5,955 |

The following table provides information related to the evaluation of impaired loans by portfolio segment and by class of financing receivable as of and for the year ended December 31, 2015:

Personal Banking:
Residential mortgage loans
Home equity loans
Other consumer loans
Total Personal Banking

| Loans collectively evaluated for impairment | Loans individually evaluated for impairment | Loans individually evaluated for impairment for which there is a related impairment reserve | Related impairment reserve | Loans individually evaluated for impairment for which there is no related reserve |
| :---: | :---: | :---: | :---: | :---: |
| \$2,733,741 | 7,151 | 7,151 | 1,189 | - |
| 1,184,808 | 2,298 | 2,298 | 605 | - |
| 520,159 | 130 | 130 | 50 | - |
| 4,438,708 | 9,579 | 9,579 | 1,844 | - |
| 2,297,599 | 53,835 | 35,937 | 2,675 | 17,898 |
| 411,342 | 11,058 | 7,673 | 489 | 3,385 |
| 2,708,941 | 64,893 | 43,610 | 3,164 | 21,283 |


| Total | $\$ 7,147,649$ | 74,472 | 53,189 | 5,008 | 21,283 |
| :--- | :--- | :--- | :--- | :--- | :--- |

84

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to the evaluation of impaired loans by portfolio segment and by class of financing receivable as of and for the year ended December 31, 2014:

|  | Loans collectively evaluated for impairment | Loans individually evaluated for impairment | Loans individually evaluated for impairment for which there is a related impairment reserve | Related impairment reserve | Loans individually evaluated for impairment for which there is no related reserve |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |
| Residential mortgage loans | \$2,514,060 | 7,396 | 7,396 | 1,116 | - |
| Home equity loans | 1,063,741 | 2,390 | 2,390 | 246 | - |
| Other consumer loans | 242,678 | 66 | 66 | 1 | - |
| Total Personal Banking | 3,820,479 | 9,852 | 9,852 | 1,363 | - |
| Business Banking: |  |  |  |  |  |
| Commercial real estate loans | 1,734,864 | 66,320 | 42,869 | 6,189 | 23,451 |
| Commercial loans | 343,416 | 14,960 | 10,938 | 1,378 | 4,022 |
| Total Business Banking | 2,078,280 | 81,280 | 53,807 | 7,567 | 27,473 |
| Total | \$5,898,759 | 91,132 | 63,659 | 8,930 | 27,473 |

Our loan portfolios include certain loans that have been modified in a troubled debt restructuring (TDR), where economic concessions have been granted to borrowers who have experienced financial difficulties. These concessions typically result from our loss mitigation activities and could include: extending the note's maturity date, permitting interest only payments, reducing the interest rate to a rate lower than current market rates for new debt with similar risk, reducing the principal payment, principal forbearance or other actions. These concessions are applicable to all loan segments and classes. Certain TDRs are classified as nonperforming at the time of restructuring and typically are returned to performing status after considering the borrower's sustained repayment performance for a reasonable period of at least six consecutive months.

When we modify loans in a TDR, we evaluate any possible impairment similar to other impaired loans based on the present value of expected future cash flows, discounted at the contractual interest rate of the original loan agreement, the loan's observable market price or the current fair value of the collateral, less selling costs, for collateral dependent loans. If we determine that the value of the modified loan is less than the recorded investment in the loan (net of previous charge-offs, deferred loan fees or costs and unamortized premium or discount), impairment is recognized through an allowance estimate or a charge-off to the allowance. In periods subsequent to modification, we evaluate all TDRs, including those that have payment defaults, for possible impairment, using ASC 310-10. As a result, loans modified in a TDR may have the financial effect of increasing the specific allowance associated with the loan.

Loans modified in a TDR are closely monitored for delinquency as an early indicator of possible future default. If loans modified in a TDR subsequently default, we evaluate the loan for possible further impairment. The allowance
may be increased, adjustments may be made in the allocation of the allowance, partial charge-offs may be taken to further write-down the carrying value of the loan, or the loan may be charged-off completely.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides a roll forward of troubled debt restructurings for the periods indicated:
For the years ended December 31,
2015
Number Number
of Amount of Amount
contracts contracts

248
26
3
Re-modified TDRs
Net paydowns
Charge-offs:

| Residential mortgage loans | - | - |  | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Home equity loans | 4 | (159 |  | 1 | (130 |
| Commercial real estate loans | 4 | (179 |  | 10 | (898 |
| Commercial loans | 2 | (387 | ) | 10 | (8,305 |
| Paid-off loans: |  |  |  |  |  |
| Residential mortgage loans | 2 | (109 | ) | - | - |
| Home equity loans | 5 | (194 |  | 5 | (103 |
| Commercial real estate loans | 15 | (9,208 |  | 10 | (1,471 |
| Commercial loans | 14 | (1,728 | ) | 24 | (3,778 |
| Transferred to real estate owned |  |  |  |  |  |
| Commercial real estate loans | 1 | (362 | ) | - | - |
| Ending TDR balance: | 227 | \$51,115 |  | 248 | \$61,788 |
| Accruing TDRs |  | \$29,997 |  |  | \$37,329 |
| Non-accrual TDRs |  | 21,118 |  |  | 24,459 |

The following table provides information related to troubled debt restructurings (including re-modified TDRs) by portfolio segment and by class of financing receivable during the year ended December 31, 2015:

| Number of <br> contracts | Recorded <br> investment at <br> the time of <br> modification | Current <br> recorded <br> investment | Current <br> allowance |
| :--- | :--- | :--- | :--- |

Troubled debt restructurings:
Personal Banking:

| Residential mortgage loans | 6 | \$364 | 357 | 21 |
| :---: | :---: | :---: | :---: | :---: |
| Home equity loans | 3 | 101 | 97 | 21 |
| Other consumer loans | - | - | - | - |
| Total Personal Banking | 9 | 465 | 454 | 42 |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 11 | 12,258 | 12,243 | 1,047 |
| Commercial loans | 9 | 2,200 | 2,184 | 156 |


| Total Business Banking | 20 | 14,458 | 14,427 | 1,203 |
| :--- | :--- | :--- | :--- | :--- |
| Total | 29 | $\$ 14,923$ | 14,881 | 1,245 |

86

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

At December 31, 2015, no TDRs that were modified in the previous twelve months had subsequently defaulted.
The following table provides information related to troubled debt restructurings (including re-modified TDRs) by portfolio segment and by class of financing receivable during the year ended December 31, 2014:

|  | Number of contracts | Recorded investment at the time of modification | Current recorded investment | Current allowance |
| :---: | :---: | :---: | :---: | :---: |
| Troubled debt restructurings: |  |  |  |  |
| Personal Banking: |  |  |  |  |
| Residential mortgage loans | 17 | \$2,802 | 2,690 | 210 |
| Home equity loans | 6 | 570 | 507 | 1 |
| Other consumer loans | - | - | - | - |
| Total Personal Banking | 23 | 3,372 | 3,197 | 211 |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 11 | 2,010 | 1,793 | 202 |
| Commercial loans | 23 | 7,750 | 6,818 | 1,491 |
| Total Business Banking | 34 | 9,760 | 8,611 | 1,693 |
| Total | 57 | \$13,132 | 11,808 | 1,904 |
|  | Number of contracts | Recorded investment at the time of modification | Current recorded investment | Current allowance |
| Troubled debt restructurings modified within the previous twelve months that have subsequently defaulted: |  |  |  |  |
| Personal Banking: |  |  |  |  |
| Residential mortgage loans | 1 | \$78 | 77 | - |
| Home equity loans | 1 | 360 | 331 | 1 |
| Other consumer loans | - | - | - | - |
| Total Personal Banking | 2 | 438 | 408 | 1 |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 1 | 12 | 5 | 1 |
| Commercial loans | 1 | 50 | 64 | 6 |
| Total Business Banking | 2 | 62 | 69 | 7 |
| Total | 4 | \$500 | 477 | 8 |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to troubled debt restructurings (including re-modified TDRs) by portfolio segment and by class of financing receivable during the year ended December 31, 2013:

|  | Number of contracts | Recorded investment at the time of modification | Current recorded investment | Current allowance |
| :---: | :---: | :---: | :---: | :---: |
| Troubled debt restructurings: |  |  |  |  |
| Personal Banking: |  |  |  |  |
| Residential mortgage loans | 4 | \$374 | 319 | 50 |
| Home equity loans | 12 | 656 | 692 | 118 |
| Other consumer loans | - | - | - | - |
| Total Personal Banking | 16 | 1,030 | 1,011 | 168 |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 58 | 16,760 | 11,196 | 781 |
| Commercial loans | 47 | 13,321 | 12,754 | 162 |
| Total Business Banking | 105 | 30,081 | 23,950 | 943 |
| Total | 121 | \$31,111 | 24,961 | 1,111 |
|  | Number of contracts | Recorded investment at the time of modification | Current recorded investment | Current allowance |
| Troubled debt restructurings modified within the previous twelve months that have subsequently defaulted: |  |  |  |  |
| Personal Banking: |  |  |  |  |
| Residential mortgage loans | 1 | \$70 | 70 | - |
| Home equity loans | - | - | - | - |
| Other consumer loans | - | - | - | - |
| Total Personal Banking | 1 | 70 | 70 | - |
| Business Banking: |  |  |  |  |
| Commercial real estate loans | 4 | 798 | 752 | 33 |
| Commercial loans | 1 | 23 | 8 | 1 |
| Total Business Banking | 5 | 821 | 760 | 34 |
| Total | 6 | \$891 | 830 | 34 |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable during the year ended December 31, 2015:

|  | Number of contracts | Type of modification |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Rate | Payment | Maturity date | Other | Total |
| Personal Banking: |  |  |  |  |  |  |
| Residential mortgage loans | 6 | \$71 | - | 110 | 176 | 357 |
| Home equity loans | 3 | 96 | - | 1 | - | 97 |
| Other consumer loans | - | - | - | - | - | - |
| Total Personal Banking | 9 | 167 | - | 111 | 176 | 454 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 11 | 174 | - | 11,961 | 108 | 12,243 |
| Commercial loans | 9 | - | - | 1,264 | 920 | 2,184 |
| Total Business Banking | 20 | 174 | - | 13,225 | 1,028 | 14,427 |
| Total | 29 | \$341 | - | 13,336 | 1,204 | 14,881 |

The following table provides information for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable during the year ended December 31, 2014:

|  | Number of <br> contracts | Type of modification <br> Rate |  | Payment | Maturity date | Other |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | Total

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to re-modified troubled debt restructurings by portfolio segment and by class of financing receivable for the year ended December 31, 2015:

Number of re- Type of re-modification
modified
TDRs Rate Payment Maturity date Other Total

| Personal Banking: |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Residential mortgage loans | 1 | $\$-$ | - | - | 45 | 45 |
| Home equity loans | 1 | 83 | - | - | - | 83 |
| Other consumer loans | - | - | - | - | - | - |
| Total Personal Banking | 2 | 83 | - | - | 45 | 128 |

Business Banking:

| Commercial real estate loans | 1 | - | - | 6,256 | - | 6,256 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Commercial loans | - | - | - | - | - | - |
| Total Business Banking | 1 | - | - | 6,256 | - | 6,256 |
| Total | 3 | $\$ 83$ | - | 6,256 | 45 | 6,384 |

The following table provides information related to re-modified troubled debt restructurings by portfolio segment and by class of financing receivable for the year ended December 31, 2014 :

|  | Number of remodified TDRs | Type of re-modification |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Rate | Payment | Maturity date | Other | Total |
| Personal Banking: |  |  |  |  |  |  |
| Residential mortgage loans | 1 | \$- | - | 76 | - | 76 |
| Home equity loans | - | - | - | - | - | - |
| Other consumer loans | - | - | - | - | - | - |
| Total Personal Banking | 1 | - | - | 76 | - | 76 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 5 | - | - | 119 | 115 | 234 |
| Commercial loans | 5 | - | - | 3,230 | 55 | 3,285 |
| Total Business Banking | 10 | - | - | 3,349 | 170 | 3,519 |
| Total | 11 | \$- | - | 3,425 | 170 | 3,595 |

## 90

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to loan delinquencies as of December 31, 2015:
30-59 days 60-89 days
delinquent delinquent

| 90 days or |
| :--- |
| greater |
| delinquent | | Total |
| :--- |
| delinquency | Current | Total90 days or <br> greater <br> delinquent |
| :--- |
| loans | | and |
| :--- |
| accruing |
| (1) |

Originated loans
Personal Banking:

| Residential mortgage loans | $\$ 25,503$ | 7,541 | 15,564 | 48,608 | $2,646,568$ | $2,695,176$ | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Home equity loans | 4,870 | 1,836 | 5,251 | 11,957 | $1,043,950$ | $1,055,907$ | - |
| Other consumer loans | 6,092 | 2,340 | 2,857 | 11,289 | 301,085 | 312,374 | - |
| Total Personal Banking | 36,465 | 11,717 | 23,672 | 71,854 | $3,991,603$ | $4,063,457$ | - |
|  |  |  |  |  |  |  |  |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 22,212 | 6,875 | 14,942 | 44,029 | $1,891,128$ | $1,935,157$ | - |
| Commercial loans | 1,703 | 598 | 2,449 | 4,750 | 356,658 | 361,408 | - |
| Total Business Banking | 23,915 | 7,473 | 17,391 | 48,779 | $2,247,786$ | $2,296,565$ | - |
|  |  |  |  |  |  |  |  |
| Total originated loans | 60,380 | 19,190 | 41,063 | 120,633 | $6,239,389$ | $6,360,022$ | - |

Acquired loans
Personal Banking:

| Residential mortgage loans | 440 | 249 | 786 | 1,475 | 44,241 | 45,716 | 540 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Home equity loans | 936 | 642 | 861 | 2,439 | 128,760 | 131,199 | 462 |
| Other consumer loans | 1,009 | 181 | 69 | 1,259 | 206,656 | 207,915 | 26 |
| Total Personal Banking | 2,385 | 1,072 | 1,716 | 5,173 | 379,657 | 384,830 | 1,028 |
|  |  |  |  |  |  |  |  |
| Business Banking: |  |  |  |  |  |  |  |
| Commercial real estate loans | 2,665 | 1,353 | 4,089 | 8,107 | 408,170 | 416,277 | 2,582 |
| Commercial loans | 1,165 | - | 150 | 1,315 | 59,677 | 60,992 | 140 |
| Total Business Banking | 3,830 | 1,353 | 4,239 | 9,422 | 467,847 | 477,269 | 2,722 |
|  |  |  |  |  |  |  |  |
| Total acquired loans | 6,215 | 2,425 | 5,955 | 14,595 | 847,504 | 862,099 | 3,750 |
|  |  |  |  |  |  |  |  |
| Total loans | $\$ 66,595$ | 21,615 | 47,018 | 135,228 | $7,086,893$ | $7,222,121$ | 3,750 |

Represents acquired loans that were originally recorded at fair value upon acquisition. These loans are considered
(1) to be accruing because we can reasonably estimate future cash flows on and expect to fully collect the carrying
value of these loans. Therefore, we are accreting the difference between the carrying value and their expected cash flows into interest income.

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table provides information related to loan delinquencies as of December 31, 2014:

|  | 30-59 days delinquent | 60-89 days delinquent | 90 days or greater delinquent | Total delinquency | Current | Total loans |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal Banking: |  |  |  |  |  |  |
| Residential mortgage loans | \$27,443 | 6,970 | 17,696 | 52,109 | 2,469,347 | 2,521,456 |
| Home equity loans | 5,752 | 1,672 | 6,606 | 14,030 | 1,052,101 | 1,066,131 |
| Other consumer loans | 5,572 | 2,435 | 2,450 | 10,457 | 232,287 | 242,744 |
| Total Personal Banking | 38,767 | 11,077 | 26,752 | 76,596 | 3,753,735 | 3,830,331 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 4,956 | 2,038 | 11,099 | 18,093 | 1,783,091 | 1,801,184 |
| Commercial loans | 2,262 | 209 | 3,475 | 5,946 | 352,430 | 358,376 |
| Total Business Banking | 7,218 | 2,247 | 14,574 | 24,039 | 2,135,521 | 2,159,560 |
| Total loans | \$45,985 | 13,324 | 41,326 | 100,635 | 5,889,256 | 5,989,891 |

Credit quality indicators: We categorize loans into risk categories based on relevant information about the ability of borrowers to service their debt such as: current financial information, historical payment experience, credit documentation, public information, and current economic trends, among other factors. We analyze business loans individually by classifying the loans by credit risk. Credit relationships greater than or equal to $\$ 1.0$ million classified as special mention or substandard are reviewed quarterly for further deterioration or improvement to determine if the loan is appropriately classified. We use the following definitions for risk ratings other than pass:

Special mention - Loans designated as special mention have specific, well-defined risk issues, which create a high level of uncertainty regarding the long-term viability of the business. Loans in this class are considered to have high-risk characteristics. A special mention loan exhibits material negative financial trends due to company-specific or systemic conditions. If these potential weaknesses are not mitigated, they threaten the borrower's capacity to meet its debt obligations. Special mention loans still demonstrate sufficient financial flexibility to react to and positively address the root cause of the adverse financial trends without significant deviations from their current business strategy. Their potential weaknesses deserve our close attention and warrant enhanced monitoring.

Substandard - Loans classified as substandard are inadequately protected by the current net worth and payment capacity of the obligor or of the collateral pledged, if any. Loans so classified have a well-defined weakness or weaknesses that jeopardize the liquidation of the debt. They are characterized by the distinct possibility that we will sustain some loss if the deficiencies are not corrected.

Doubtful - Loans classified as doubtful have all the weaknesses inherent in those classified as substandard. In addition, those weaknesses make collection or liquidation in full highly questionable and improbable. A loan classified as doubtful exhibits discernible loss potential, but a complete loss seems very unlikely. The possibility of a loss on a doubtful loan is high, but because of certain important and reasonably specific pending factors that may strengthen the loan, its classification as an estimated loss is deferred until a more exact status can be determined.

Loss - Loans classified as loss are considered uncollectible and of such value that the continuance as a loan is not warranted. A loss classification does not mean that the loan has no recovery or salvage value; instead, it means that it is not practical or desirable to defer writing off all or a portion of a basically worthless loan even though partial recovery may be affected in the future.

92

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table sets forth information about credit quality indicators as of December 31, 2015:

|  | Pass | Special mention | Substandard | Doubtful | Loss | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Originated loans |  |  |  |  |  |  |
| Personal Banking: |  |  |  |  |  |  |
| Residential mortgage loans | \$2,680,562 | - | 13,274 | - | 1,340 | 2,695,176 |
| Home equity loans | 1,048,397 | - | 7,510 | - | - | 1,055,907 |
| Other consumer loans | 309,900 | - | 2,474 | - | - | 312,374 |
| Total Personal Banking | 4,038,859 | - | 23,258 | - | 1,340 | 4,063,457 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 1,778,140 | 46,518 | 110,384 | 115 | - | 1,935,157 |
| Commercial loans | 299,455 | 23,023 | 37,820 | 1,110 | - | 361,408 |
| Total Business Banking | 2,077,595 | 69,541 | 148,204 | 1,225 | - | 2,296,565 |
| Total originated loans | 6,116,454 | 69,541 | 171,462 | 1,225 | 1,340 | 6,360,022 |
| Acquired loans |  |  |  |  |  |  |
| Personal Banking: |  |  |  |  |  |  |
| Residential mortgage loans | 44,930 | - | 786 | - | - | 45,716 |
| Home equity loans | 130,338 | - | 861 | - | - | 131,199 |
| Other consumer loans | 207,846 | - | 69 | - | - | 207,915 |
| Total Personal Banking | 383,114 | - | 1,716 | - | - | 384,830 |
| Business Banking: |  |  |  |  |  |  |
| Commercial real estate loans | 392,811 | 6,872 | 16,594 | - | - | 416,277 |
| Commercial loans | 59,948 | 707 | 337 | - | - | 60,992 |
| Total Business Banking | 452,759 | 7,579 | 16,931 | - | - | 477,269 |
| Total acquired loans | 835,873 | 7,579 | 18,647 | - | - | 862,099 |
| Total loans | \$6,952,327 | 77,120 | 190,109 | 1,225 | 1,340 | 7,222,121 |

93

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table sets forth information about credit quality indicators as of December 31, 2014:

|  | Pass | Special <br> mention | Substandard | Doubtful | Loss | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Personal Banking: |  |  | 12,763 | - |  | 1,424 |
| Residential mortgage loans | $\$ 2,507,269$ | - | 6,606 | - | - | $2,521,456$ |
| Home equity loans | $1,059,525$ | - | 1,797 | - | - | $1,066,131$ |
| Other consumer loans | 240,947 | - | 21,166 | - | 242,744 |  |
| Total Personal Banking | $3,807,741$ | - |  |  | $3,830,331$ |  |
| Business Banking: |  |  | 145,502 | 505 | - | 1,824 |
| Commercial real estate loans | $1,618,269$ | 36,908 | 46,280 | 2,172 | - | 358,376 |
| Commercial loans | 286,234 | 23,690 | 191,782 | 2,677 | - | $2,159,560$ |
| Total Business Banking | $1,904,503$ | 60,598 |  |  | 1,424 | $5,989,891$ |

Our exposure to credit loss in the event of nonperformance by the other party to off-balance-sheet financial instruments is represented by the contract amount of the financial instrument. We use the same credit policies in making commitments for off-balance-sheet financial instruments as we do for on-balance-sheet instruments. Financial instruments with off-balance-sheet risk as of December 31, 2015 and 2014 are presented in the following table:

| December 31, |  |
| :---: | :---: |
| 2015 | 2014 |
| \$ 186,731 | 186,637 |
| 562,284 | 428,649 |
| 32,719 | 23,564 |
| \$781,734 | 638,850 |

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. We evaluate each customer's creditworthiness on a case-by-case basis. The amount of collateral we obtain upon extension of credit is based on management's credit evaluation of the counterparty. Collateral held varies but generally may include cash, marketable securities, real estate and other property.

Outstanding loan commitments at December 31, 2015, for fixed rate loans, were $\$ 81.8$ million. The interest rates on these commitments approximate market rates at December 31, 2015. Outstanding loan commitments at December 31, 2015 for adjustable rate loans were $\$ 104.9$ million. The fair values of these commitments are affected by fluctuations in market rates of interest.

We issue standby letters of credit in the normal course of business. Standby letters of credit are conditional commitments issued to guarantee the performance of a customer to a third party. Standby letters of credit generally are contingent upon the failure of the customer to perform according to the terms of the underlying contract with the third party. We are required to perform under a standby letter of credit when drawn upon by the guaranteed third party in the case of nonperformance by our customer. The credit risk associated with standby letters of credit is essentially the same as that involved in extending loans to customers and is subject to normal credit policies. Collateral may be
obtained based on management's credit assessment of the customer. As of December 31, 2015, the maximum potential amount of future payments we could be required to make under these standby letters of credit is $\$ 32.7$ million, of which $\$ 24.0$ million is fully collateralized. A liability (which represents deferred income) of $\$ 1.3$ million and $\$ 1.1$ million has been recognized for the obligations as of December 31, 2015 and 2014, respectively, and there are no recourse provisions that would enable us to recover any amounts from third parties.

94

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

## Accrued Interest Receivable

Accrued interest receivable as of December 31, 2015 and 2014 is presented in the following table:

| December 31, |  |
| :--- | :--- |
| 2015 | 2014 |
| $\$ 1,852$ | 2,229 |
| 960 | 875 |
| 18,260 | 15,519 |
| $\$ 21,072$ | 18,623 |

## (7) Federal Home Loan Bank Stock

Northwest Bank is a member of the Federal Home Loan Bank system. As a member, we are required to maintain an investment in the capital stock of the FHLB of Pittsburgh in accordance with their 2015 Capital Plan, at cost, in two subclasses based on the following ranges: Membership stock purchase (Subclass B-1) ranging from $0.05 \%$ to $1.0 \%$ of the member asset value as defined by the FHLB, currently at $0.10 \%$; and Activity-based stock purchase (Subclass B-2) ranging from $2.0 \%$ to $6.0 \%$ of outstanding advances, currently at $4.0 \% ; 0.0 \%$ to $6.0 \%$ of acquired member assets, currently at $0.0 \% ; 0.0 \%$ to $4.0 \%$ of certain letters of credit, currently at $0.75 \%$; and $0.0 \%$ to $6.0 \%$ of outstanding advance commitments settling more than 30 days after trade, currently at $4.0 \%$. We received dividends on capital stock during the years ended December 31, 2015 and 2014 of $\$ 2.8$ million and $\$ 1.8$ million, respectively. Future dividends may be established at different rates for the two subclasses of capital stock.

## Premises and Equipment

Premises and equipment at December 31, 2015 and 2014 are summarized by major classification in the following table:

|  | December 31, |  |
| :--- | :--- | :--- |
|  | 2015 | 2014 |
| Land and land improvements | $\$ 23,257$ | 20,084 |
| Office buildings and improvements | 153,003 | 150,745 |
| Furniture, fixtures and equipment | 115,576 | 116,975 |
| Leasehold improvements | 19,239 | 12,312 |
| Total, at cost | 311,075 | 300,116 |
| Less accumulated depreciation and amortization | $(156,724$ | $(156,207$ |
| Premises and equipment, net | $\$ 154,351$ | 143,909 |

Depreciation and amortization expense for the years ended December 31, 2015, 2014 and 2013 was $\$ 13.3$ million, $\$ 12.0$ million and $\$ 11.9$ million, respectively.

Premises used by certain of our offices are occupied under formal operating lease arrangements. The leases expire on various dates through 2027. Minimum annual rentals by fiscal year are summarized in the following table:
2019 ..... 1,620
2020 ..... 1,329
Thereafter ..... 3,388
Total ..... \$16,955

Rental expense for the years ended December 31, 2015, 2014 and 2013 was $\$ 4.6$ million, $\$ 4.4$ million and $\$ 4.2$ million, respectively.

95

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
(9) Goodwill and Other Intangible Assets

The following table provides information for intangible assets subject to amortization for the years ended December 31, 2015 and 2014:

|  | $\begin{aligned} & \text { December 31, } \\ & 2015 \end{aligned}$ |  | 2014 |
| :---: | :---: | :---: | :---: |
| Amortizable intangible assets: |  |  |  |
| Core deposit intangibles - gross | \$30,578 |  | 30,578 |
| Acquisitions | 7,375 |  | - |
| Less: accumulated amortization | (31,192 | ) | (30,578 |
| Core deposit intangibles - net | \$6,761 |  | - |
| Customer and Contract intangible assets - gross | 8,234 |  | 6,197 |
| Acquisitions | 262 |  | 2,037 |
| Less: accumulated amortization | (6,275 | ) | (5,201 |
| Customer and Contract intangible assets - net | \$2,221 |  | 3,033 |

The following information shows the actual aggregate amortization expense for the years ended December 31, 2015, 2014 and 2013 as well as the estimated aggregate amortization expense, based upon current levels of intangible assets, for each of the five succeeding fiscal years:
For the year ended December 31, $2013 \quad \$ 1,210$
$\begin{array}{ll}\text { For the year ended December 31, } 2014 & \text { 1,323 }\end{array}$
For the year ended December 31, $2015 \quad 1,688$
For the year ending December 31, $2016 \quad$ 2,591
For the year ending December 31, 2017 2,090
For the year ending December 31, $2018 \quad 1,658$
$\begin{array}{ll}\text { For the year ending December 31, } 2019 & 1,226\end{array}$
For the year ending December 31, $2020 \quad 794$
The following table provides information for the changes in the carrying amount of goodwill:

| Community | Consumer | Total |
| :--- | :--- | :--- |
| Banks | Finance |  |
| $\$ 173,031$ | 1,613 | 174,644 |
| 679 | - | 679 |
| 173,710 | 1,613 | 175,323 |
| 86,413 | - | 86,413 |
| $\$ 260,123$ | 1,613 | 261,736 |

Balance at December 31, 2013
Goodwill acquired
Balance at December 31, 2014
Goodwill acquired
Balance at December 31, 2015
We have determined that goodwill is not impaired as of December 31, 2015 and 2014. There were no changes in our operations that would cause us to update the goodwill impairment test performed as of June 30, 2015.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

## (10) Deposits

Deposit balances at December 31, 2015 and 2014 are shown in the table below:

|  | December 31, |  |
| :--- | :--- | :--- |
|  | 2015 | 2014 |
| Savings deposits | $\$ 1,386,017$ | $1,209,287$ |
| Interest-bearing demand deposits | $1,080,086$ | 874,623 |
| Noninterest-bearing demand deposits | $1,177,256$ | 891,248 |
| Money market demand accounts | $1,274,504$ | $1,179,070$ |
| Time deposits | $1,694,718$ | $1,478,314$ |
| Total deposits | $\$ 6,612,581$ | $5,632,542$ |

The aggregate amount of time deposits with a minimum denomination of \$100,000 at December 31, 2015 and 2014 was $\$ 518.7$ million and $\$ 351.9$ million, respectively. Generally, deposits in excess of $\$ 250,000$ are not federally insured. At December 31, 2015, we had $\$ 1.327$ billion of deposits in accounts exceeding $\$ 250,000$.

The following table summarizes the contractual maturity of time deposits at December 31, 2015 and 2014:

|  | December 31, |  |
| :--- | :--- | :--- |
|  | 2015 | 2014 |
| Due within 12 months | $\$ 929,351$ | 647,699 |
| Due between 12 and 24 months | 448,497 | 392,484 |
| Due between 24 and 36 months | 205,635 | 319,995 |
| Due between 36 and 48 months | 21,414 | 92,527 |
| Due between 48 and 60 months | 78,796 | 15,307 |
| After 60 months | 11,025 | 10,302 |
| Total time deposits | $\$ 1,694,718$ | $1,478,314$ |

The following table summarizes the interest expense incurred on the respective deposits for the years ended December 31, 2015, 2014 and 2013:

|  | Years ended December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Savings deposits | $\$ 3,387$ | 3,286 | 3,595 |
| Interest-bearing demand deposits | 568 | 587 | 576 |
| Money market demand accounts | 3,222 | 3,174 | 3,042 |
| Time deposits | 16,878 | 18,275 | 22,066 |
| Total interest expense | $\$ 24,055$ | 25,322 | 29,279 |

97

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

## (11) Borrowed Funds

Borrowed funds at December 31, 2015 and 2014 are presented in the following table:


Borrowings from the FHLB of Pittsburgh are secured by our residential first mortgage and other qualifying loans. Certain of these borrowings are subject to restrictions or penalties in the event of prepayment.

The revolving line of credit with the FHLB of Pittsburgh carries a commitment of $\$ 150.0$ million. The rate is adjusted daily by the FHLB of Pittsburgh, and any borrowings on this line may be repaid at any time without penalty.

The collateralized borrowings are collateralized by various securities held in safekeeping by the FHLB of Pittsburgh. The market value of these securities exceeds the value of the collateralized borrowings. The average amount of collateralized borrowings outstanding in the years ended December 31, 2015, 2014 and 2013 was $\$ 144.7$ million, $\$ 155.7$ million and $\$ 150.1$ million, respectively. The maximum amount of collateralized borrowings outstanding during the years ended December 31, 2015, 2014 and 2013 was $\$ 166.4$ million, $\$ 174.2$ million and $\$ 171.8$ million, respectively.

## Income Taxes

Total income tax was allocated for the years ended December 31, 2015, 2014 and 2013 as follows:
$\left.\begin{array}{llll}\text { Years ended December 31, } & & \\ 2015 & 2014 & 2013 & \\ \$ 27,960 & 21,795 & 26,199 & \\ (85 & ) & 4,286 & (12,177\end{array}\right)$

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Income tax expense applicable to income before taxes consists of:

|  | Years ended December 31, |  |  |  |
| :--- | :--- | :--- | :--- | :---: |
|  | 2015 | 2014 | 2013 |  |
| Current | $\$ 21,670$ | 13,200 | 24,937 |  |
| Deferred | 6,290 | 8,595 | 1,262 |  |
| Total income tax expense | $\$ 27,960$ | 21,795 | 26,199 |  |

A reconciliation of the expected federal statutory income tax rate to the effective rate, expressed as a percentage of pretax income for the years ended December 31, 2015, 2014 and 2013, is as follows:

| Years ended December 31, |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :--- | :--- |
| 2015 |  | 2014 |  | 2013 |  |
| 35.0 | $\%$ | 35.0 | $\%$ | 35.0 | $\%$ |
| $(3.0$ | $) \%$ | $(4.1$ | $) \%$ | $(4.3$ | $) \%$ |
| 2.9 | $\%$ | 1.7 | $\%$ | 2.1 | $\%$ |
| $(1.7$ | $) \%$ | $(1.8$ | $) \%$ | $(1.9$ | $) \%$ |
| $(0.8$ | $) \%$ | $(4.0$ | $) \%$ | $(1.1$ | $) \%$ |
| $(1.4$ | $) \%$ | $(0.9$ | $) \%$ | $(1.6$ | $) \%$ |
| 0.5 | $\%$ | - | $\%$ | - | $\%$ |
| 0.1 | $\%$ | 0.1 | $\%$ | 0.1 | $\%$ |
| 31.6 | $\%$ | 26.0 | $\%$ | 28.3 | $\%$ |

The tax effects of temporary differences that give rise to significant portions of the deferred tax assets and deferred tax liabilities at December 31, 2015 and 2014 are presented below:

| December 31, |  |
| :--- | :--- |
| 2015 | 2014 |

Deferred tax assets:
Deferred fee income
$\$ 189 \quad 193$
$\begin{array}{lll}\text { Deferred compensation expense } & 3,717 & 3,688\end{array}$
Bad debts
19,478
19,851
Accrued postretirement benefit cost 724
$\begin{array}{lll}\text { Stock benefit plans } & 1,523\end{array}$
$\begin{array}{lll}\text { Writedown of investment securities } & \text { 2,994 } & \text { 3,155 }\end{array}$
$\begin{array}{lll}\text { Accrued expenses } & 228 & 105\end{array}$
$\begin{array}{lll}\text { Pension and postretirement benefits } & 16,035 & 15,187\end{array}$
$\begin{array}{ll}\text { Unrealized loss on the fair value of derivatives } & 1,496\end{array}$
Purchase accounting $\quad 2,236$ -
Other 325
$\begin{array}{lll}\text { Total deferred tax assets } & 48,968 & 46,982\end{array}$
Deferred tax liabilities:
$\begin{array}{lll}\text { Pension expense } & \text { 7,557 }\end{array}$
$\begin{array}{lll}\text { Marketable securities available for sale } & 2,122 & 2,207\end{array}$
Purchase accounting 1,842
$\begin{array}{lll}\text { Intangible assets } & \text { 23,003 } & \text { 20,324 }\end{array}$
$\begin{array}{ll}\text { Mortgage servicing rights } & 120\end{array}$

| Fixed assets | 8,731 | 8,038 |
| :--- | :--- | :--- |
| Other | 460 | 475 |
| Total deferred tax liabilities | 41,993 | 37,686 |
| Net deferred tax asset | $\$ 6,975$ | 9,296 |

As a result of the LNB acquisition, deferred tax liabilities were increased by $\$ 3.7$ million related to acquisition accounting tax adjustments, net of deferred tax assets carried over from LNB.

99

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

We have determined that no valuation allowance is necessary for the deferred tax assets because it is more likely than not that these assets will be realized through carry-back to taxable income in prior years, future reversals of existing temporary differences, and through future taxable income. We will continue to review the criteria related to the recognition of deferred tax assets on a regular basis.

Under provisions of the Internal Revenue Code ("IRC"), Northwest has approximately $\$ 9.4$ million in acquired federal net operating losses which have been fully utilized in the 2015 tax year through carryback on LNB's 2013 and 2014 tax returns. This is expected to result in a $\$ 3.2$ million refund.

We utilize a comprehensive model to recognize, measure, present and disclose in our financial statements uncertain tax positions that the company has taken or expects to take on a tax return. At December 31, 2015, there were no unrecognized tax benefits that, if recognized, would favorably affect the effective income tax rate. We recognize interest accrued and penalties (if any) related to unrecognized tax benefits in income tax expense. During the year ended December 31, 2015, we did not accrue any interest. At December 31, 2015, we had no amount accrued for interest or the payment of penalties.

We are subject to routine audits of our tax returns by the Internal Revenue Service ("IRS") as well as all states in which we conduct business. We are subject to audit by the Internal Revenue Service for the tax periods ended December 31, 2015, 2014, 2013 and 2012 and subject to audit by any state in which we conduct business for the tax periods ended December 31, 2015, 2014, 2013 and 2012. We are currently under audit by the State of New York for the 2011-2013 tax years, as well as a 2013 tax year IRS audit for the LNB tax return filed prior to the acquisition. The results of these audits are not yet determinable.

## (13) Shareholders' Equity

Retained earnings are partially restricted in connection with regulations related to the insurance of deposit accounts, which requires Northwest to maintain certain statutory reserves. Northwest may not pay dividends on or repurchase any of its common stock if the effect thereof would reduce retained earnings below the level of adequate capitalization as defined by federal and state regulators.

In tax years prior to fiscal 1997, Northwest was permitted, under the IRC, to deduct an annual addition to a reserve for bad debts in determining taxable income, subject to certain limitations. Bad debt deductions for income tax purposes are included in taxable income of later years only if the bad debt reserve is used subsequently for purposes other than to absorb bad debt losses. Because Northwest does not intend to use the reserve for purposes other than to absorb losses, no deferred income taxes have been provided prior to fiscal 1987. Retained earnings at December 31, 2015 and 2014 include approximately $\$ 39.1$ million representing such bad debt deductions for which no deferred income taxes have been provided.

## (14) Earnings Per Share

Basic earnings per common share (EPS) is computed by dividing net income available to common shareholders by the weighted average number of common shares outstanding for the period, without considering any dilutive items. Diluted EPS reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock or resulted in the issuance of common stock that then shared in our
earnings. For the year December 31, 2015, there were 524,250 options outstanding with a weighted average exercise price of $\$ 13.15$ per share that were excluded in the computation of diluted earnings per share because the stock options' exercise price was greater than the average market price of the common shares of $\$ 12.64$. All stock options outstanding during the year ended December 31, 2014 were included in the computation of diluted earnings per share because the stock options' exercise price was less than the average market price of the common shares of $\$ 13.34$. All stock options outstanding during the year ended December 31, 2013 were included in the computation of diluted earnings per share because the stock options exercise price was less than the average market price of the common shares of $\$ 13.25$.

100

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The computation of basic and diluted earnings per share for the years ended December 31, 2015, 2014 and 2013 follows:

|  | Years ended December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Net income available to common shareholders | $\$ 60,540$ | 61,962 | 66,559 |
|  |  |  |  |
| Weighted average common shares outstanding | $94,314,420$ | $91,535,298$ | $90,626,324$ |
| Dilutive potential shares due to effect of stock options | 515,369 | 739,699 | 844,489 |
| Total weighted average common shares and dilutive potential shares | $94,829,789$ | $92,274,997$ | $91,470,813$ |
| Basic earnings per share (1) | $\$ 0.64$ | 0.68 | 0.73 |
| Diluted earnings per share (1) | $\$ 0.64$ | 0.67 | 0.73 |
| (1) Not in thousands. |  |  |  |

(15) Employee Benefit Plans
(a) Pension Plans

We maintain noncontributory defined benefit pension plans covering substantially all employees and members of our board of directors. Retirement benefits are based on certain compensation levels, age, and length of service.
Contributions are based on an actuarially determined amount to fund not only benefits attributed to service to date but also for those expected to be earned in the future. In addition, we have an unfunded Supplemental Executive Retirement Plan ("SERP") to compensate those executive participants eligible for the defined benefit pension plan whose benefits are limited by Section 415 of the IRC.

We also sponsor a retirement savings plan in which substantially all employees participate. We provide a matching contribution of $50 \%$ of each employee's contribution to a maximum of $6 \%$ of the employee's compensation.

Total expense for all retirement plans, including defined benefit pension plans, was approximately $\$ 4.6$ million, $\$ 1.0$ million and $\$ 4.1$ million, for the years ended December 31, 2015, 2014 and 2013, respectively.

Components of net periodic pension cost and other amounts recognized in other comprehensive income:
The following table sets forth the net periodic pension cost for the defined benefit pension plans for the years ended December 31, 2015, 2014 and 2013:

|  | Years ended December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Service cost | $\$ 5,721$ | 4,138 | 4,551 |
| Interest cost | 6,125 | 5,827 | 5,203 |
| Expected return on plan assets | $(10,371$ | $)(9,663$ | $(8,551$ |
| Net amortization and deferral | 1,375 | $(897$ | $)$ |
| Net periodic pension (benefit)/ cost | $\$ 2,850$ | $(595$ | $)$ |
| Nenc | 2,559 |  |  |

The following table sets forth other changes in the defined benefit pension plans' plan assets and benefit obligations recognized in other comprehensive income:

|  | Years ended December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Net loss/ (gain) | $\$(420$ | $)$ | 30,779 |


| Prior service cost/ (credit) | - |  | $(14$ |  |
| :--- | :--- | :--- | :--- | :--- |
| Amortization of prior service cost | 2,323 | 2,322 | 2,321 |  |
| Total recognized in other comprehensive income | $\$ 1,903$ | 33,101 | $(25,261$ |  |
| Total recognized in net periodic pension cost and other <br> comprehensive income/ (loss) | $\$ 4,753$ | 32,506 | $(22,702$ | $)$ |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The estimated net loss and prior service credit for the defined benefit pension plan that will be amortized from accumulated other comprehensive income into net periodic cost over the next year is $\$ 3.6$ million and $\$(2.3)$ million, respectively.

The following table sets forth information for the defined benefit pension plans' funded status at December 31, 2015 and 2014:
$\left.\begin{array}{lll} & \begin{array}{l}\text { December } 31, \\ 2015\end{array} & 2014 \\ \text { Change in benefit obligation: } & & \\ \text { Benefit obligation at beginning of year } & \$ 159,587 & 121,767 \\ \text { Service cost } & 5,721 & 4,138 \\ \text { Interest cost } & 6,125 & 5,827 \\ \text { Acquisition } & 5,662 & - \\ \text { Actuarial (gain)/ loss (1) } & (9,357 & 31,722 \\ \text { Benefits paid } & (5,605 & ) \\ \text { Benefit obligation at end of year } & \$ 162,133 & 159,587 \\ & & \\ \text { Change in plan assets: } & & \\ \text { Fair value of plan assets at beginning of year } & 140,183 & 130,491 \\ \text { Actual return on plan assets } & (2,264 & ) \\ \text { Employer contributions } & 6,460 & 4,378 \\ \text { Acquisition } & 4,881 & - \\ \text { Benefits paid } & (5,605 & ) \\ \text { Fair value of plan assets at end of period } & \$ 143,655 & 140,183 \\ \text { Funded status at end of year } & \$(18,478 & (19,404\end{array}\right)$
(1) The change in actuarial (gain)/ loss is due to a decrease in the discount rate as well as updates to the RP-2014 with MMP-2007 adjustments Mortality Table.

The following table sets forth the assumptions used to develop the net periodic pension cost:

| Years ended December 31, |  |  |  |  |
| :--- | :---: | :--- | :--- | :--- |
| 2015 | 2014 |  | 2013 |  |
| 3.89 | $\%$ | 4.86 | $\%$ | 4.06 |
| 7.50 | $\%$ | 7.50 | $\%$ | 7.50 |
| 3.00 | $\%$ | 3.00 | $\%$ | 3.00 |
|  |  |  |  | $\%$ |
|  |  |  |  |  |

The following table sets forth the assumptions used to determine benefit obligations at the end of each period:

|  | Years ended December 31, |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |  |  |
| Discount rate | 4.25 | $\%$ | 3.89 | $\%$ | 4.86 |
| Expected long-term rate of return on assets | 7.00 | $\%$ | 7.50 | $\%$ | 7.50 |
| Rate of increase in compensation levels | 3.00 | $\%$ | 3.00 | $\%$ | 3.00 |

The expected long-term rate of return on assets is based on the expected return of each of the asset categories, weighted based on the median of the target allocation for each category. We use the Citigroup Pension Liability Index rates matching the duration of our benefit payments as of the measurement date to determine the discount rate.

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The accumulated benefit obligation for the funded defined benefit pension plan was $\$ 155.9$ million, $\$ 153.9$ million and $\$ 116.8$ million at December 31, 2015, 2014 and 2013, respectively. The accumulated benefit obligation for all unfunded defined benefit plans was $\$ 6.3$ million, $\$ 5.6$ million and $\$ 5.0$ million at December 31, 2015, 2014 and 2013, respectively.

The following table sets forth certain information related to our pension plans:

|  | December 31, |  |
| :--- | :--- | :--- |
| Projected benefit obligation | 2015 | 2014 |
| Accumulated benefit obligation | $\$ 162,133$ | 159,587 |
| Fair value of plan assets | 162,133 | 159,587 |
|  | 143,655 | 140,183 |

We anticipate making a contribution to our defined benefit pension plan of $\$ 4.0$ million to $\$ 8.0$ million during the year ending December 31, 2016.

The investment policy as established by the Plan Administrative Committee, to be followed by the Trustee, is to invest assets based on the target allocations shown in the table below. To meet target allocation ranges set forth by the Plan Administrative Committee, periodically, the assets are reallocated by the Trustee. The investment policy is reviewed periodically to determine if the policy should be changed. Pension assets are conservatively invested with the goal of providing market or better returns with below market risks. Assets are invested in a balanced portfolio composed primarily of equities, fixed income, and cash or cash equivalent investments. The Trustee tries to maintain an approximate asset mix position of $30 \%$ to $60 \%$ equities and $20 \%$ to $50 \%$ bonds.

A maximum of $10 \%$ may be invested in any one stock, including the stock of Northwest Bancshares, Inc. The objective of holding equity securities is to provide capital appreciation consistent with the ownership of the common stocks of medium to large companies. Acceptable bond investments are direct or agency obligations of the U.S. Government or investment grade corporate bonds. The average maturity of the bond portfolio shall not exceed 10 years.

The following table sets forth the weighted average asset allocation of defined benefit plans:

|  | Target | December 31, |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Allocation | 2015 | 2014 |  |
| Debt securities | $20-50 \%$ | 20 | $\%$ | 20 |
| Equity securities | $30-60 \%$ | 69 | $\%$ | 71 |
| Other | $5-50 \%$ | 11 | $\%$ | 9 |
| Total |  | 100 | $\%$ | 100 |

All of the assets held by the defined benefit pension plan are measured and recorded at estimated fair value on our balance sheet on a recurring basis as Level 1 assets, as defined by the fair value hierarchy defined in note 16 .

The following table sets forth the pension plan assets as of December 31, 2015 and 2014:
December 31,
$2015 \quad 2014$
Mutual funds - debt
\$28,316
27,635

| Mutual funds — equity | 98,517 | 99,009 |
| :--- | :--- | :--- |
| Cash and cash equivalents | 16,822 | 13,539 |

The benefits expected to be paid in each year from 2016 to 2020 are $\$ 4.5$ million, $\$ 4.7$ million, $\$ 5.0$ million, $\$ 5.5$ million and $\$ 5.8$ million, respectively. The aggregate benefits expected to be paid in the five years from 2021 to 2025 are $\$ 34.9$ million. The expected benefits to be paid are based on the same assumptions used to measure our benefit obligations at December 31, 2015 and include estimated future employee service.

103

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
(b)

Postretirement Healthcare Plan
In addition to pension benefits, we provide postretirement healthcare benefits for certain employees who were employed as of October 1, 1993 and were at least 55 years of age on that date. We use the accrual method of accounting for postretirement benefits other than pensions.

Components of net periodic benefit cost and other amounts recognized in other comprehensive income:
The following table sets forth the net periodic benefit cost for the postretirement healthcare benefits plan for the years ended December 31, 2015, 2014 and 2013:

|  | Years ended December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Service cost | $\$-$ | - | - |
| Interest cost | 58 | 65 | 63 |
| Amortization of net loss | 60 | 48 | 53 |
| Net period benefit cost | $\$ 118$ | 113 | 116 |

The following table sets forth other changes in the postretirement healthcare plan's plan assets and benefit obligations recognized in other comprehensive income:

|  | Years ended |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Net loss/ (gain) | $\$ 273$ | 195 | $(136$ |
| Total recognized in other comprehensive income | $\$ 273$ | 195 | $(136$ |
| Total recognized in net periodic benefit cost and other comprehensive |  |  |  |
| income | $\$ 391$ | 308 | $(20$ |$)$

The estimated net loss for the postretirement healthcare benefit plan that will be amortized from accumulated other comprehensive income into net periodic benefit cost over the next year is $\$ 90,000$.

The following table sets forth the funded status of the postretirement healthcare benefit plan at December 31, 2015 and 2014:

|  | $\begin{aligned} & \text { December 31, } \\ & 2015 \end{aligned}$ |  | 2014 |
| :---: | :---: | :---: | :---: |
| Change in benefit obligation: |  |  |  |
| Benefit obligation at beginning of year | \$ 1,565 |  | 1,425 |
| Service cost | - |  | - |
| Interest cost | 58 |  | 65 |
| Actuarial loss | 333 |  | 243 |
| Benefits paid | (219 | ) | (168 |
| Benefit obligation at end of year | \$1,737 |  | 1,565 |
| Change in plan assets: |  |  |  |
| Fair value of plan assets at beginning of year | - |  | - |

$\left.\begin{array}{lll}\text { Employer contributions } & 219 & 168 \\ \text { Benefits paid } & (219 & )(168 \\ \text { Fair value of plan assets at end of year } & \$- & - \\ \text { Funded status at year end } & \$(1,737 & (1,565\end{array}\right)$

104

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The assumptions used to develop the preceding information for postretirement healthcare benefits are as follows:

|  | Years ended December 31, |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |  |  |
| Discount rate | 3.89 | $\%$ | 4.86 | $\%$ | 4.06 |
| Monthly cost of healthcare insurance per beneficiary (1) | $\$ 470$ | 384 | 351 |  |  |
| Annual rate of increase in healthcare costs | 4.00 | $\%$ | 4.00 | $\%$ | 4.00 |

(1) Not in thousands

If the assumed rate of increase in healthcare costs was increased by one percentage point to $5 \%$ from the level of $4 \%$ presented above, the interest cost component of net periodic postretirement healthcare benefit cost would increase by $\$ 10,000$ and the accumulated postretirement benefit obligation for healthcare benefits would increase by $\$ 74,000$.

The following table sets forth information for plans with an accumulated benefit obligation in excess of plan assets:
December 31,
$2015 \quad 2014$
Projected benefit obligation
\$1,737 1,565
Accumulated benefit obligation
1,737
1,565
Fair value of plan assets
(c)

Employee Stock Ownership Plan
We have a leveraged employee stock ownership plan (ESOP) for employees who have attained age 21 and who have completed a 12 -month period of employment during which they worked at least 1000 hours. Northwest is expected to make annual cash contributions to the ESOP until 2029 when the loan matures. At December 31, 2015, the loan balance was $\$ 21.7$ million.

ESOP compensation expense was $\$ 335,000, \$ 3.0$ million and $\$ 1.7$ million for the years ended December 31, 2015, 2014 and 2013, respectively.

Shares of common stock are held by the ESOP and are allocated to eligible participants annually based upon a percentage of each participant's eligible compensation. Shares are scheduled for release as the loan is repaid based on the interest method. The amortization schedule calls for 126,280 shares to be released each December 31. At December 31, 2015, 1,767,930 shares of common stock remained unallocated. The fair value of unallocated common stock held by the ESOP at December 31, 2015 was $\$ 23.7$ million.

Compensation expense related to the ESOP is recognized at an amount equal to the number of common shares committed to be released by the ESOP to participants' accounts multiplied by the average fair value of the common stock during the reporting period. The difference between the fair value of the shares of the common stock committed to be allocated by the ESOP to participants' accounts for the period and the average cost of those common shares is recorded as an adjustment to either additional paid-in capital or retained earnings.

Common Stock Awards

On April 20, 2011, we established the Northwest Bancshares, Inc. 2011 Equity Incentive Plan with 2,806,233 common shares authorized. On May 15, 2013, we awarded employees 240,700 common shares and outside directors 29,700 common shares with a grant date fair value of $\$ 12.55$ per share (total market value of $\$ 3.4$ million at issuance). On May 21, 2014, we awarded employees 251,030 common shares and outside directors 21,600 common shares with a grant date fair value of $\$ 13.22$ per share (total market value of $\$ 3.6$ million at issuance). On May 20, 2015, we awarded employees 282,050 common shares and outside directors 24,300 common shares with a grant date fair value of $\$ 12.31$ per share (total market value of $\$ 3.8$ million

105

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
at issuance). Total common shares forfeited from the 2011 plan were 259,778 , of which, 77,718 shares were forfeited during the year ended December 31, 2015. Forfeited shares may be awarded to other eligible recipients in future grants until the plan termination date in 2021. Common shares vest over a 10-year period with the first vesting occurring on the grant date. As of December 31, 2015, 30\% of the 2013 issuances have vested, $20 \%$ of the 2014 issuances have vested and $10 \%$ of the 2015 issuances have vested. Once shares have vested, they are no longer restricted. Compensation expense, in the amount of the fair market value of the common stock at the date of the grant, will be recognized pro rata over the periods in which the shares vest. While restricted, the recipients are entitled to all shareholder rights, except that the shares may not be sold, pledged, or otherwise disposed of and are required to be held in a trust.

## (e) Stock Option Plans

On April 20, 2011, we established the Northwest Bancshares, Inc. 2011 Equity Incentive Plan, which authorizes the granting of $7,015,583$ stock options. On May 15, 2013, we granted employees 511,100 stock options and outside directors 79,200 stock options with an exercise price of $\$ 12.44$ per share. On May 21, 2014, we granted employees 534,950 stock options and outside directors 57,600 stock options with an exercise price of $\$ 13.15$ per share. On May 19, 2015, we granted employees 600,570 stock options and outside directors 64,800 stock options with an exercise price of $\$ 12.37$ per share. Awarded stock options vest over a ten-year period with the first vesting occurring on the grant date with a ten year exercise period from the grant date.

The following table summarizes the activity in our option plans during the years ended December 31, 2015, 2014 and 2013 (amounts in this table are not in thousands):

Years ended December 31,

20152014

| Number | Weighted <br> average <br> exercise <br> price | Number | Weighted <br> average <br> exercise <br> price | Number | Weighted <br> average <br> exercise |
| :--- | :--- | :--- | :--- | :--- | :--- |
| price |  |  |  |  |  |

(1) Weighted average fair value of options at grant date: $\$ 1.14, \$ 1.45$ and $\$ 1.03$, respectively.
(2) The total intrinsic value of options exercised was $\$ 1.2$ million, $\$ 2.3$ million and $\$ 2.7$ million, respectively.
(3)Includes 7,007 options that expired without being exercised for the year ended December 31, 2015.

The aggregate intrinsic value of all options expected to vest and fully vested options at December 31, 2015 is $\$ 6.8$ million and $\$ 3.2$ million, respectively. The following table summarizes the number of options outstanding, number of options exercisable, and weighted average remaining life of all option grants as of December 31, 2015:

| Exercise | Exercise | Exercise | Exercise | Exercise | Exercise | Exercise |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| price | price | price | price | price | price | price |

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|  | $\$ 7.48$ | $\$ 9.79$ | $\$ 9.86$ | $\$ 11.12$ | $\$ 11.49$ | $\$ 11.51$ | $\$ 11.70$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Options outstanding: | 315,487 | 331,882 | 50,110 | 270,543 | 422,500 | 232,858 | 465,493 |
| Number of options | 3.25 | 3.00 | 0.25 | 2.25 | 4.25 | 1.25 | 6.50 |
| Weighted average remaining <br> contract life (years) | 267,521 | 331,882 | 50,110 | 270,543 | 314,379 | 232,858 | 202,129 |
| Options exercisable: | 3.25 | 3.00 | 0.25 | 2.25 | 4.25 | 1.25 | 6.50 |
| Number of options |  |  |  |  |  |  |  |
| Weighted average remaining term <br> vested (years) |  |  |  |  |  |  |  |

106

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
$\left.\begin{array}{lllllllll} & \begin{array}{llll}\text { Exercise } \\ \text { price } \\ \$ 12.12\end{array} & \begin{array}{l}\text { Exercise } \\ \text { price }\end{array} & \begin{array}{l}\text { Exercise } \\ \text { price }\end{array} & \begin{array}{l}\text { Exercise } \\ \text { price } \\ \$ 12.17\end{array} & \$ 12.32 & \$ 12.37 & \begin{array}{l}\text { Exercise } \\ \text { price } \\ \$ 12.44\end{array} & \begin{array}{l}\text { Exercise } \\ \text { price } \\ \$ 12.48\end{array}\end{array} \begin{array}{l}\text { Exercise } \\ \text { price } \\ \$ 13.15\end{array}\right) ~ \$ 11.81$

Disclosures About Fair Value of Financial Instruments
We are required to disclose fair value information about financial instruments whether or not recognized in the consolidated statement of financial condition. Fair value information of certain financial instruments and all nonfinancial instruments is not required to be disclosed. Accordingly, the aggregate fair value amounts presented do not represent the underlying value of the Company.

Financial assets and liabilities recognized or disclosed at fair value on a recurring basis and certain financial assets and liabilities on a non-recurring basis are accounted for using a three-level hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. This hierarchy gives the highest priority to quoted prices with readily available independent data in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable market inputs (Level 3). When various inputs for measurement fall within different levels of the fair value hierarchy, the lowest level input that has a significant impact on fair value measurement is used.

Financial assets and liabilities are categorized based upon the following characteristics or inputs to the valuation techniques:

Level 1 - Financial assets and liabilities for which inputs are observable and are obtained from reliable quoted prices for identical assets or liabilities in actively traded markets. This is the most reliable fair value measurement and includes, for example, active exchange-traded equity securities.
Level 2 - Financial assets and liabilities for which values are based on quoted prices in markets that are not active or for which values are based on similar assets or liabilities that are actively traded. Level 2 also includes pricing models in which the inputs are corroborated by market data, for example, matrix pricing.
Level 3 - Financial assets and liabilities for which values are based on prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement. Level 3 inputs include the following:
Quotes from brokers or other external sources that are not considered binding;

- Quotes from brokers or other external sources where it cannot be determined that market participants would in fact transact for the asset or liability at the quoted price;

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Quotes and other information from brokers or other external sources where the inputs are not deemed observable. We are responsible for the valuation process and as part of this process may use data from outside sources in establishing fair value. We perform due diligence to understand the inputs used or how the data was calculated or derived. We also corroborate the reasonableness of external inputs in the valuation process.

The carrying amounts reported in the consolidated statement of financial condition approximate fair value for the following financial instruments: cash on hand, interest-earning deposits in other institutions, federal funds sold and other short-term investments, accrued interest receivable, accrued interest payable, and marketable securities available-for-sale.

Marketable Securities
Where available, market values are based on quoted market prices, dealer quotes, and prices obtained from independent pricing services.

Debt securities - available for sale - Generally, debt securities are valued using pricing for similar securities, recently executed transactions and other pricing models utilizing observable inputs. The valuation for most debt securities is classified as Level 2. Securities within Level 2 include corporate bonds, municipal bonds, mortgage-backed securities and US government obligations. Certain debt securities which were AAA rated at purchase do not have an active market and as such we have used an alternative method to determine the fair value of these securities. The fair value has been determined using a discounted cash flow model using market assumptions, which generally include cash flow, collateral and other market assumptions. As such, securities which otherwise would have been classified as level 2 securities if an active market for those assets or similar assets existed are included herein as level 3 assets. Other debt securities, pooled trust preferred securities rated below AA at purchase, have a fair value based on a discounted cash flow model using similar assumptions to those noted above and accordingly are classified as level 3 assets.

Equity securities - available for sale - Level 1 securities include publicly traded securities valued using quoted market prices. We consider the financial condition of the issuer to determine if the securities have indicators of impairment.

Debt securities - held to maturity - The fair value of debt securities held to maturity is determined in the same manner as debt securities available for sale.

## Loans Receivable

Loans with comparable characteristics including collateral and re-pricing structures are segregated for valuation purposes. Each loan pool is separately valued utilizing a discounted cash flow analysis. Projected monthly cash flows are discounted to present value using a market rate for comparable loans, which is not considered an exit price. Characteristics of comparable loans include remaining term, coupon interest, and estimated prepayment speeds. Delinquent loans are separately evaluated given the impact delinquency has on the projected future cash flow of the loan including the approximate discount or market rate, which is not considered an exit price.

## FHLB Stock

Due to the restrictions placed on the transferability of FHLB stock it is not practical to determine the fair value.

## Deposit Liabilities

The estimated fair value of deposits with no stated maturity, which includes demand deposits, money market, and other savings accounts, is the amount payable on demand. Although market premiums paid for depository institutions reflect an additional value for these low-cost deposits, adjusting fair value for any value expected to be derived from retaining those deposits for a future period of time or from the benefit that results from the ability to fund interest-earning assets with these deposit liabilities is prohibited. The fair value estimates of deposit liabilities do not include the benefit that results from the low-cost funding provided

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
by these deposits compared to the cost of borrowing funds in the market. Fair values for time deposits are estimated using a discounted cash flow calculation that applies contractual cost currently being offered in the existing portfolio to current market rates being offered locally for deposits of similar remaining maturities. The valuation adjustment for the portfolio consists of the present value of the difference of these two cash flows, discounted at the assumed market rate of the corresponding maturity.

Borrowed Funds

Fixed rate advances are valued by comparing their contractual cost to the prevailing market cost. The carrying amount of repurchase agreements approximates fair value.

Junior Subordinated Debentures
The fair value of junior subordinated debentures is calculated using the discounted cash flows at the prevailing rate of interest.

Cash flow hedges - Interest rate swap agreements ("swaps")
The fair value of the swaps is the amount we would have expected to pay to terminate the agreements and is based upon the present value of the expected future cash flows using the LIBOR swap curve, the basis for the underlying interest rate.

## Off-Balance Sheet Financial Instruments

These financial instruments generally are not sold or traded, and estimated fair values are not readily available. However, the fair value of commitments to extend credit and standby letters of credit is estimated using the fees currently charged to enter into similar agreements. Commitments to extend credit are generally short-term in nature and, if drawn upon, are issued under current market terms. At December 31, 2015 and 2014, there was no significant unrealized appreciation or depreciation on these financial instruments.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table sets forth the carrying amount and estimated fair value of our financial instruments included in the consolidated statement of financial condition at December 31, 2015 and 2014:

## December 31, 2015

Carrying Estimated
Financial assets:
Cash and cash equivalents
Securities available-for-sale
Securities held-to-maturity Loans receivable, net
Accrued interest receivable
FHLB Stock
Total financial assets
Financial liabilities:
Savings and checking accounts
Time deposits
Borrowed funds
Junior subordinated debentures
Cash flow hedges - swaps
Accrued interest payable
Total financial liabilities

Financial assets:
Cash and cash equivalents
Securities available-for-sale
Securities held-to-maturity
Loans receivable, net
Accrued interest receivable
FHLB Stock
Total financial assets
Financial liabilities:
Savings and checking accounts
Time deposits
Borrowed funds
Junior subordinated debentures
Cash flow hedges - swaps
Accrued interest payable
Total financial liabilities

| amount | fair value | Level 1 | Level 2 | Level 3 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $\$ 167,408$ | 167,408 | 167,408 | - | - |
| 874,405 | 874,405 | 1,894 | 863,556 | 8,955 |
| 31,689 | 32,552 | - | 32,552 | - |
| $7,159,449$ | $7,482,431$ | - | - | $7,482,431$ |
| 21,072 | 21,072 | 21,072 | - | - |
| 40,903 | 40,903 | - | - | - |
| $\$ 8,294,926$ | $8,618,771$ | 190,374 | 896,108 | $7,491,386$ |


| $\$ 4,917,863$ | $4,917,863$ | $4,917,863$ | - | - |
| :--- | :--- | :--- | :--- | :--- |
| $1,694,718$ | $1,710,388$ | - | - | $1,710,388$ |
| 975,007 | 998,527 | 118,664 | - | 879,863 |
| 111,213 | 115,268 | - | - | 115,268 |
| 4,276 | 4,276 | - | 4,276 | - |
| 1,993 | 1,993 | 1,993 | - | - |
| $\$ 7,705,070$ | $7,748,315$ | $5,038,520$ | 4,276 | $2,705,519$ |

December 31, 2014
Carrying Estimated

| amount | fair value | Level 1 | Level 2 | Level 3 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $\$ 240,706$ | 240,706 | 240,706 | - | - |
| 912,371 | 912,371 | 3,157 | 898,617 | 10,597 |
| 103,695 | 106,292 | - | 106,292 | - |
| $5,922,373$ | $6,240,079$ | - | - | $6,240,079$ |
| 18,623 | 18,623 | 18,623 | - | - |
| 33,293 | 33,293 | - | - | - |
| $\$ 7,231,061$ | $7,551,364$ | 262,486 | $1,004,909$ | $6,250,676$ |


| $\$ 4,154,228$ | $4,154,228$ | $4,154,228$ | - | - |
| :--- | :--- | :--- | :--- | :--- |
| $1,478,314$ | $1,498,539$ | - | - | $1,498,539$ |
| 888,109 | 919,612 | 162,714 | - | 756,898 |
| 103,094 | 109,435 | - | - | 109,435 |
| 6,273 | 6,273 | - | 6,273 | - |
| 936 | 936 | 936 | - | - |
| $\$ 6,630,954$ | $6,689,023$ | $4,317,878$ | 6,273 | $2,364,872$ |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Fair value estimates are made at a point-in-time, based on relevant market data and information about the instrument. The preceding methods and assumptions were used in estimating the fair value of financial instruments at December 31, 2015 and 2014. There were no transfers of financial instruments between Level 1 and Level 2 during the years ended December 31, 2015 and 2014.

The following table represents assets and liabilities measured at fair value on a recurring basis as of December 31, 2015:

|  | Level 1 | Level 2 | Level 3 | Total at <br> fair value |
| :--- | :--- | :--- | :--- | :--- |
| Equity securities | $\$ 1,894$ | - | - | 1,894 |

Residential mortgage-backed securities:

| GNMA | - | 27,082 | - | 27,082 |
| :--- | :--- | :--- | :--- | :--- |
| FNMA | - | 99,170 | - | 99,170 |
| FHLMC | - | 50,369 | - | 50,369 |
| Non-agency | - | 606 | - | 606 |

Collateralized mortgage obligations:

| GNMA | - | 10,669 | - | 10,669 |
| :--- | :--- | :--- | :--- | :--- |
| FNMA | - | 122,528 | - | 122,528 |
| FHLMC | - | 157,378 | - | 157,378 |
| SBA | - | 8,166 | - | 8,166 |
| Non-agency | - | 2,749 | - | 2,749 |
| Total mortgage-backed securities | - | 478,717 | - | 478,717 |
| Interest rate swaps | $(4,276$ | $)-$ | $(4,276$ |  |
| Total assets and liabilities | $\$ 1,894$ | 859,280 | 8,955 | 870,129 |

111

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table represents assets and liabilities measured at fair value on a recurring basis as of December 31, 2014:
\(\left.$$
\begin{array}{lllll} & \text { Level 1 } & \text { Level 2 } & \text { Level 3 } & \begin{array}{l}\text { Total at } \\
\text { fair value }\end{array}
$$ <br>

Equity securities \& \$ 3,157 \& - \& - \& 3,157\end{array}\right]\)|  |
| :--- |
| Debt securities: |
| U.S. government and agencies |
| Government sponsored enterprises |

The table below presents a reconciliation of all assets and liabilities measured at fair value on a recurring basis using significant unobservable inputs (Level 3) for the year ended December 31, 2015 and 2014:

December 31,

| 2015 |  | 2014 |  |
| :--- | :--- | :--- | :--- |
| Equity | Debt | Equity | Debt |
| securities | securities | securities | securities |
| $\$-$ | 10,597 | - | 12,251 |

Total net realized investment gains/ (losses) and net change in unrealized appreciation/ (depreciation): Included in net income as OTTI Included in other comprehensive income —
(502
) -
(1,549 )
Purchases

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| Sales/ calls | - | $(1,140$ | $)$ | $(105$ |
| :--- | :---: | :---: | :---: | :---: |
| Transfers into Level 3 | - | - | - | - |
| Transfers out of Level 3 | - | - | - | - |
| Ending balance December 31, | $\$-$ | 8,955 | - | 10,597 |

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Certain assets and liabilities are measured at fair value on a nonrecurring basis after initial recognition such as loans held for sale, loans measured for impairment, real estate owned, and mortgage servicing rights.

The following table represents the fair market measurement for only those nonrecurring assets that had a fair market value below the carrying amount as of December 31, 2015:

|  | Level 1 | Level 2 | Level 3 | Total <br> assets at <br> fair value |
| :--- | :--- | :--- | :--- | :--- |
| Loans evaluated for impairment | $\$-$ | - | 48,181 | 48,181 <br> Real estate owned |
| Total assets | - | - | 8,725 | 8,725 |

The following table represents the fair market measurement for only those nonrecurring assets that had a fair market value below the carrying amount as of December 31, 2014:

|  | Level 1 | Level 2 | Level 3 | Total <br> assets at <br> fair value |
| :--- | :--- | :--- | :--- | :--- |
| Loans evaluated for impairment <br> Real estate owned | $\$-$ | - | 54,729 | 54,729 |
| Total assets | - | - | 16,759 | 16,759 |

Loans measured for impairment - A loan is considered to be impaired as described in note 1 (f). We classify impaired loans as nonrecurring Level 3.

Real estate owned - Real estate owned is comprised of property acquired through foreclosure or voluntarily conveyed by borrowers. These assets are recorded on the date acquired at the lower of the related loan balance or fair value, less estimated disposition costs, with the fair value being determined by appraisal. Subsequently, foreclosed assets are valued at the lower of the amount recorded at acquisition date or fair value, less estimated disposition costs. We classify real estate owned as nonrecurring Level 3.

The following table presents additional quantitative information about assets measured at fair value on a recurring and nonrecurring basis and for which we have utilized Level 3 inputs to determine fair value at December 31, 2015:

|  | Fair value | Valuation | Significant unobservable <br> techniques | Range (weighted average) <br> inputs |
| :--- | :--- | :--- | :--- | :--- |
| Debt securities | $\$ 8,955$ | Discounted cash | Discount margin | $0.35 \%$ to $2.10 \%(0.69) \%$ |
|  |  | flow | Default rates | $1.00 \%$ |
|  |  |  | Prepayment speeds | $1.00 \%$ annually |

Loans measured for impairment

Appraisal Estimated costs to sell $10 \%$ value (1)

Discounted cash Discount rate $\quad 3.75 \%$ to $6.50 \%$ (5.13\%) flow

Real estate owned $\quad 8,725$ Appraisal Estimated costs to sell $10 \%$ value (1)
(1) Fair value is generally determined through independent appraisals of the underlying collateral, which may include Level 3 inputs that are not identifiable, or by using the discounted cash flow method if the loan is not collateral dependent.

113

Table of Content<br>NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The significant unobservable inputs used in the fair value measurement of our debt securities are discount margins, default rates and prepayment speeds. Significant increases in any of those rates would result in a significantly lower fair value measurement.

## Regulatory Capital Requirements

Our banking subsidiary is subject to various regulatory capital requirements administered by the federal and state banking agencies. Failure to meet minimum capital requirements can initiate certain mandatory - and possibly additional discretionary - actions by the regulators that, if undertaken, could have a direct material effect on our financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, specific capital guidelines that involve quantitative measures of assets, liabilities, and certain off-balance sheet items as calculated under regulatory accounting practices must be met. The capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings, and other factors.

In July 2013, the FDIC and the other federal regulatory agencies issued a final rule that revised their leverage and risk-based capital requirements and the method for calculating risk-weighted assets to make them consistent with agreements that were reached by the Basel Committee on Banking Supervision and certain provisions of the Dodd-Frank Act. Among other things, the rule establishes a new Common Equity Tier I ("CET1") minimum capital requirement ( $4.5 \%$ of risk-weighted assets) and increases the minimum Tier 1 capital to risk-based assets requirement (from $4 \%$ to $6 \%$ of risk-weighted assets). The rule limits an organization's capital distributions and certain discretionary bonus payments if the organization does not hold a "capital conservation buffer" consisting of $2.5 \%$ of CET1 capital to risk-weighted assets in addition to the amount necessary to meet its minimum risk-based capital requirements.

The final rule became effective for Northwest on January 1, 2015. The capital conservation buffer requirement will be phased in beginning January 1, 2016 and ending January 1, 2019, when the full capital conservation buffer requirement will be effective. The final rule also officially implements these consolidated capital requirements for savings and loan holding companies, such as the Company, effective January 1, 2015.

Quantitative measures established by regulation to ensure capital adequacy require our banking subsidiary to maintain minimum amounts and ratios (set forth in the table below) of total, Tier 1, and CET1 capital (as defined in the regulations) to risk-weighted assets (as defined) and of Tier I capital to average assets (as defined). As of December 31, 2015 and 2014, our banking subsidiary exceeded all capital adequacy requirements to which they were subject.

As of December 15, 2015, the most recent notification from the FDIC categorized Northwest Bank as "well capitalized" under the regulatory framework for prompt corrective action. To be categorized as "well capitalized," the bank must maintain total risk-based, Tier 1 risk-based, CET 1 risk-based, and Tier 1 leverage ratios as set forth in the table. There are no conditions or events since that notification that management believes have changed the bank's categories.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The actual, required, and well capitalized levels as of December 31, 2015 and 2014 were as follows:
At December 31, 2015

| Total capital (to risk weighted assets) | Actual |  | Minimum capital requirements |  |  | Well capitalized requirements |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Ratio |  | Amount | Ratio |  | Amount | Ratio |
|  |  |  |  |  |  |  |  |  |
| Northwest Bancshares, Inc. | \$1,102,468 | 16.63 | \% | 530,257 | 8.00 | \% | 662,821 | 10.00 |
| Northwest Bank | 1,006,230 | 15.20 | \% | 529,498 | 8.00 | \% | 661,872 | 10.00 |

Tier 1 capital (to risk weighted assets)
$\begin{array}{llllllllll}\text { Northwest Bancshares, Inc. } & 1,039,574 & 15.68 & \% & 397,693 & 6.00 & \% & 530,257 & 8.00 & \%\end{array}$
$\begin{array}{llllllllll}\text { Northwest Bank } & 943,554 & 14.26 & \% & 397,123 & 6.00 & \% & 529,498 & 8.00 & \%\end{array}$
CET 1 capital (to risk weighted assets)
$\begin{array}{llllllllll}\text { Northwest Bank } & 943,554 & 14.26 & \% & 297,843 & 4.50 & \% & 430,217 & 6.50 & \%\end{array}$
Tier 1 capital (leverage) (to total assets)
$\begin{array}{lllllllll}\text { Northwest Bancshares, Inc. } & 1,039,574 & 11.96 & \% & 347,582 & 4.00 & \% & 434,477 & 5.00 \\ \text { Northwest Bank } & 943,554 & 10.87 & \% & 347,063 & 4.00 & \% & 433,829 & 5.00\end{array}$
943,554 $10.87 \quad \% \quad 347,063 \quad 4.00$
At December 31, 2014

|  |  | Minimum capital <br> Actual | Wequirements (1) |
| :--- | :--- | :--- | :--- |$\quad$| Well capitalized |
| :--- |
| Amount | Ratio $\quad$| Amount $\quad$ Ratio | Amount $\quad$ Ratio |
| :--- | :--- |

Total capital (to risk weighted assts)
$\begin{array}{lllllllll}\text { Northwest Bancshares, Inc. } & \$ 1,062,802 & 20.29 & \% & - & - & \% & - & - \\ \text { Northwest Bank } & 945,652 & 18.09 & \% & 418,104 & 8.00 & \% & 522,629 & 10.00\end{array}$
Tier 1 capital (to risk weighted assets)

| Northwest Bancshares, Inc. | 997,049 | 19.04 | $\%$ | - | - | $\%$ | - | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Northwest Bank | 880,290 | 16.84 | $\%$ | 209,052 | 4.00 | $\%$ | 313,578 | 6.00 |

Tier 1 capital (leverage) (to total assets)
$\begin{array}{lllllllll}\text { Northwest Bancshares, Inc. } & 997,049 & 12.80 & \% & - & - & \% & - & - \\ \text { Northwest Bank } & 880,290 & 11.55 & \% & 304,883 & 4.00 & \% & 381,104 & 5.00\end{array}$ (1)

The Federal Reserve did not yet have formal capital requirements established for Savings and Loan holding companies.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Contingent Liabilities
We and our subsidiaries are subject to a number of asserted and unasserted claims encountered in the normal course of business. Management believes that the aggregate liability, if any, that may result from such potential litigation will not have a material adverse effect on our financial statements. However, we cannot presently determine whether or not any claims against us will have a material adverse effect on our results of operations in any future reporting period.

## (19) <br> Legal Proceedings

We establish accruals for legal proceedings when information related to the loss contingencies represented by those matters indicates both that a loss is probable and that the amount of loss can be reasonably estimated. As of December 31, 2015 we have not accrued for legal proceedings based on our analysis of currently available information which is subject to significant judgment and a variety of assumptions and uncertainties. Any such accruals are adjusted thereafter as appropriate to reflect changes in circumstances. Due to the inherent subjectivity of assessments and unpredictability of outcomes of legal proceedings, any amounts accrued may not represent the ultimate loss to us from legal proceedings.

Components of Accumulated Other Comprehensive Income
The following table sets forth the components of accumulated other comprehensive income as of December 31, 2015 and 2014:
$\left.\begin{array}{lll} & \text { December } 31, \\ & 2015 & 2014 \\ \text { Unrealized gain on marketable securities available-for-sale } & \$ 3,325 & 3,461 \\ \text { Fair value of interest rate swaps } & (2,779 & (4,078 \\ \text { Defined benefit pension plans } & (25,081 & (23,753 \\ \text { Accumulated other comprehensive income } & \$(24,535 & (24,370\end{array}\right)$

The following table shows the changes in accumulated other comprehensive income by component for the year ended December 31, 2015:

|  | Unrealized gains and losses on securities available-forsale | Change in fair value of interest rate swaps | Change in defined benefit pension pl |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Balance as of January 1, | \$3,461 | (4,078 | (23,753 | ) | (24,370 |
| Other comprehensive income/ (loss) before reclassification adjustments | 315 | 1,299 | (2,203 | ) | (589 |
| Amounts reclassified from accumulated other comprehensive income (1), (2) | (451 | - | 875 |  | 424 |
| Net other comprehensive income/ (loss) | (136 | 1,299 | (1,328 | ) | (165 |
| Balance as of December 31, | \$3,325 | (2,779 | (25,081 | ) | (24,535 |

(1) Consists of realized gains on securities (gain on sales of investments, net) of \$740, net of tax (income tax expense) of \$(289).
(2) Consists of amortization of prior service cost (compensation and employee benefits) of $\$ 2,323$ and amortization of net loss (compensation and employee benefits) of $\$(3,758)$, net of tax (income tax expense) of $\$ 560$. See note 15 .

116

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

The following table shows the changes in accumulated other comprehensive income by component for the year ended December 31, 2014:

Balance as of January 1,
Other comprehensive income/ (loss) before reclassification adjustments
Amounts reclassified from accumulated other comprehensive income (1), (2)
Net other comprehensive income/ (loss) $\quad 6,694 \quad 1,146 \quad(20,310)(12,470)$
Balance as of December 31, $\quad \$ 3,461$ (4,078 ) (23,753 ) (24,370)
${ }_{(1)}$ Consists of realized gains on securities (gain on sales of investments, net) of $\$ 3,849$ and
${ }^{(1)}$ other-than-temporary-impairment losses (net impairment losses) of $\$ 0$, net of tax (income tax expense) of $\$(1,501)$.
(2) Consists of amortization of prior service cost (compensation and employee benefits) of $\$ 2,323$ and amortization of
${ }^{(2)}$ net loss (compensation and employee benefits) of $\$(1,473)$, net of tax (income tax expense) of $\$(332)$. See note 15.
The following table shows the changes in accumulated other comprehensive income by component for the year ended December 31, 2013:

Balance as of January 1,
Other comprehensive income/ (loss) before reclassification adjustments
Amounts reclassified from accumulated other comprehensive

## income (1), (2)

Net other comprehensive income/ (loss)
Balance as of December 31,
Consists of realized losses on securities (gain on sales of investments, net) of 4,881 and
(1) other-than-temporary-impairment losses (net impairment losses) of \$(713), net of tax (income tax expense) of \$1,626.
(2) Consists of amortization of prior service cost (compensation and employee benefits) of $\$ 2,321$ and amortization of net loss (compensation and employee benefits) of $\$(3,730)$, net of tax (income tax expense) of $\$ 493$. See note 15 .

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

Parent Company Only Financial Statements - Condensed
Statements of Financial Condition

|  | December 31, <br> 2015 | 2014 |
| :--- | :--- | :--- |
| Assets |  |  |
| Cash and cash equivalents | $\$ 91,056$ | 110,699 |
| Marketable securities available-for-sale | 1,884 | 3,144 |
| Investment in bank subsidiary | $1,182,308$ | $1,054,204$ |
| Other assets | 3,547 | 4,109 |
| Total assets | $\$ 1,278,795$ | $1,172,156$ |
| Liabilities and Shareholders' Equity |  |  |
| Liabilities: |  |  |
| Debentures payable | $\$ 111,213$ | 103,094 |
| Other liabilities | 4,419 | 6,415 |
| Total liabilities | 11,632 | 109,509 |
| Shareholders' equity | $1,163,163$ | $1,062,647$ |
| Total liabilities and shareholders' equity | $\$ 1,278,795$ | $1,172,156$ |

Statements of Income

|  | Years ended |  |  |
| :--- | :--- | :--- | :--- |
|  | 2015 | 2014 | 2013 |
| Income: |  |  |  |
| Interest income | $\$ 1,258$ | 1,248 | 1,467 |
| Other income | 659 | 3,424 | 5,961 |
| Dividends from bank subsidiary | 135,000 | 66,183 | - |
| Undistributed earnings from equity investment in bank subsidiary | $(70,854$ | $)(3,261$ | $)$ |
| Total income | 66,063 | 67,594 | 73,431 |
| Expense: |  |  |  |
| Compensation and benefits | 1,061 | 962 | 1,024 |
| Other expense | 1,356 | 572 | 234 |
| Interest expense | 4,926 | 4,691 | 5,444 |
| Total expense | 7,343 | 6,225 | 6,702 |
| Income before income taxes | 58,720 | 61,369 | 66,729 |
| Federal and state income taxes | $(1,820$ | $)(593$ | $)$ |
| Net income | $\$ 60,540$ | 61,962 | 66,559 |

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

## Statements of Cash Flows

|  | Years ended December 31, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | 2014 |  | 2013 |
| Operating activities: |  |  |  |  |  |
| Net income | \$60,540 |  | 61,962 |  | 66,559 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |  |  |
| Undistributed earnings of subsidiary | 70,854 |  | 3,261 |  | (66,183 |
| Noncash stock benefit plan compensation expense | 5,654 |  | 5,714 |  | 5,083 |
| Gain on sale of marketable securities | (54 | ) | (2,768 | ) | (5,139 |
| Net change in other assets and liabilities | (5,824 | ) | (2,352 | ) | (4,147 |
| Net cash provided by/ (used in) operating activities | 131,170 |  | 65,817 |  | (3,827 |
| Investing activities: |  |  |  |  |  |
| Net sale of marketable securities | 1,192 |  | 2,658 |  | 7,200 |
| Acquisition, net of cash received | (89,398 | ) | - |  | - |
| Net cash provided by/ (used in) investing activities | (88,206 | ) | 2,658 |  | 7,200 |
| Financing activities: |  |  |  |  |  |
| Cash dividends paid | (52,825 | ) | (149,932 | ) | (45,871 |
| Share repurchases | (7,847 | ) | (5,273 | ) | (4,459 |
| Repayment of loan to ESOP | 1,549 |  | 1,190 |  | 1,152 |
| Redemption of junior subordinated debt | (8,119 | ) | - |  | - |
| Excess tax benefit from stock-based compensation | 332 |  | 945 |  | 635 |
| Proceeds from options exercised | 4,303 |  | 6,519 |  | 6,618 |
| Net cash used in financing activities | (62,607 | ) | $(146,551$ | ) | (41,925 |
| Net decrease in cash and cash equivalents | \$(19,643 | ) | (78,076 | ) | (38,552 |
| Cash and cash equivalents at beginning of year | 110,699 |  | 188,775 |  | 227,327 |
| Net decrease in cash and cash equivalents | (19,643 | ) | (78,076 | ) | (38,552 |
| Cash and cash equivalents at end of year | \$91,056 |  | 110,699 |  | 188,775 |

## Business Segments

We have identified two reportable business segments based upon the operating approach currently used by management. The Community Banking segment includes our savings bank subsidiary, Northwest Bank, as well as the subsidiaries of the savings bank that provide similar products and services. The bank is a community-oriented institution that offers a full array of personal and business deposit and loan products, including mortgage, consumer, and commercial loans as well as trust, investment management, actuarial and benefit plan administration, and brokerage services typically offered by a full service financial institution. The Consumer Finance segment is comprised of Northwest Consumer Discount Company, a subsidiary of Northwest Bank. This subsidiary compliments the services of the bank by offering personal installment loans for a variety of consumer and real estate products. This activity is funded primarily through its intercompany borrowing relationship with Allegheny Services, Inc. Net income is primarily used by management to measure segment performance. The following tables provide financial information for these segments. The All Other column represents the parent company, other nonbank subsidiaries, and elimination entries necessary to reconcile to the consolidated amounts presented in the financial statements.

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)

| At or for the year ended December 31, 2015 | Community Banking | Consumer Finance | All Other (1) | Consolidated |
| :---: | :---: | :---: | :---: | :---: |
| External interest income | \$300,746 | 17,978 | 856 | 319,580 |
| Intersegment interest income | 2,393 | - | (2,393 | ) |
| Interest expense | 51,895 | 2,393 | 2,039 | 56,327 |
| Provision for loan losses | 7,429 | 2,283 | - | 9,712 |
| Noninterest income | 67,167 | 1,555 | 114 | 68,836 |
| Noninterest expense | 219,793 | 12,120 | 1,964 | 233,877 |
| Income tax expense/ (benefit) | 28,642 | 1,138 | (1,820 | ) 27,960 |
| Net income | \$62,547 | 1,599 | (3,606 | ) 60,540 |
| Total assets | \$8,827,574 | 110,670 | 13,655 | 8,951,899 |
| At or for the year ended | Community | Consumer | All Other (1) | Consolidated |
| December 31, 2014 | Banking | Finance | All Other (1) | Consolidated |
| External interest income | \$285,635 | 18,789 | 1,003 | 305,427 |
| Intersegment interest income | 2,406 | - | (2,406 | ) - |
| Interest expense | 52,291 | 2,406 | 1,890 | 56,587 |
| Provision for loan losses | 17,500 | 2,814 | - | 20,314 |
| Noninterest income | 66,431 | 1,517 | 2,818 | 70,766 |
| Noninterest expense | 202,489 | 11,968 | 1,078 | 215,535 |
| Income tax expense | 21,097 | 1,291 | (593 | ) 21,795 |
| Net income | \$61,095 | 1,827 | (960 | ) 61,962 |
| Total assets | \$7,650,665 | 107,216 | 17,152 | 7,775,033 |
| At or for the year ended | Community | Consumer | All Other (1) | Consolidated |
| December 31, 2013 | Banking | Finance |  |  |
| External interest income | \$291,253 | 20,648 | 1,196 | 313,097 |
| Intersegment interest income | 2,691 | - | (2,691 | ) - |
| Interest expense | 56,282 | 2,691 | 2,189 | 61,162 |
| Provision for loan losses | 15,206 | 3,313 | - | 18,519 |
| Noninterest income | 59,616 | 1,647 | 5,213 | 66,476 |
| Noninterest expense | 194,028 | 12,303 | 803 | 207,134 |
| Income tax expense/ (benefit) | 24,330 | 1,699 | 170 | 26,199 |
| Net income | \$63,714 | 2,289 | 556 | 66,559 |
| Total assets | \$7,745,433 | 109,249 | 25,177 | 7,879,859 |

(1) Eliminations consist of intercompany interest income and interest expense.
(23)

Guaranteed Preferred Beneficial Interests in Company's Junior Subordinated Deferrable Interest Debentures (Trust-Preferred Securities) and Interest Rate Swap Agreements

We have two legacy statutory business trusts: Northwest Bancorp Capital Trust III, a Delaware statutory business trust, and Northwest Bancorp Statutory Trust IV, a Connecticut statutory business trust (the Trusts). The trusts exist solely to issue preferred securities to third parties for cash, issue common securities to the Company in exchange for capitalization of the Trusts, invest the proceeds from the sale of trust securities in an equivalent amount of debentures
of the Company, and engage in other activities that are incidental to those previously listed. The Trusts are not consolidated. Northwest Bancorp Capital Trust III issued 50,000 cumulative trust preferred securities in a private transaction to a pooled investment vehicle on December 5, 2005 (liquidation value of $\$ 1,000$ per preferred security or $\$ 50,000,000)$ with a stated maturity of December 30, 2035 and a floating rate of interest,

Table of Content
NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
which is reset quarterly, equal to three-month LIBOR plus $1.38 \%$. Northwest Bancorp Statutory Trust IV issued 50,000 cumulative trust preferred securities in a private transaction to a pooled investment vehicle on December 15, 2005 (liquidation value of $\$ 1,000$ per preferred security or $\$ 50,000,000$ ) with a stated maturity of December 15, 2035 and a floating rate of interest, which is reset quarterly, equal to three-month LIBOR plus $1.38 \%$. As the shareholders of the trust preferred securities are the primary beneficiaries of the Trusts, the Trusts are not consolidated in our financial statements.

The Trusts have invested the proceeds of the offerings in junior subordinated deferrable interest debentures issued by the Company. The structure of these debentures mirrors the structure of the trust-preferred securities. Northwest Bancorp Capital Trust III holds $\$ 51,547,000$ of the Company's junior subordinated debentures due December 30, 2035 with a floating rate of interest, reset quarterly, of three-month LIBOR plus $1.38 \%$. The rate in effect at December 31, 2015 was $1.98 \%$. Northwest Bancorp Statutory Trust IV holds $\$ 51,547,000$ of the Company's junior subordinated debentures due December 15, 2035 with a floating rate of interest, reset quarterly, of three-month LIBOR plus $1.38 \%$. The rate in effect at December 31, 2015 was $1.89 \%$.

Cash distributions on the trust securities are made on a quarterly basis to the extent interest on the debentures is received by the Trusts. We have the right to defer payment of interest on the subordinated debentures at any time, or from time-to-time, for periods not exceeding 5 years. If interest payments on the subordinated debentures are deferred, the distributions on the trust securities also are deferred. To date there have been no interest deferrals. Interest on the subordinated debentures and distributions on the trust securities is cumulative. Our obligation constitutes a full, irrevocable, and unconditional guarantee on a subordinated basis of the obligations of the trust under the preferred securities.

The Trusts must redeem the preferred securities when the debentures are paid at maturity or upon an earlier redemption of the debentures to the extent the debentures are redeemed. All or part of the debentures may be redeemed at any time. Also, the debentures may be redeemed at any time if existing laws or regulations, or the interpretation or application of these laws or regulations, change causing:
the interest on the debentures to no longer be deductible by the Company for federal income tax purposes; the trust to become subject to federal income tax or to certain other taxes or governmental charges;
*he trust to register as an investment company; and
the preferred securities do not qualify as Tier I capital.
We may, at any time, dissolve any of the Trusts and distribute the debentures to the trust security holders, subject to receipt of any required regulatory approval(s).

As a result of the LNB acquisition we acquired two statutory business trusts: LNB Trust I and LNB Trust II, both Delaware statutory business trusts. The outstanding stock issued by LNB Trust I was redeemed on December 15, 2015. At December 31, 2015, LNB Trust II had 7,875 cumulative trust preferred securities outstanding (liquidation value of $\$ 1,000$ per preferred security or $\$ 7,875,000$ ) with a stated maturity of June 15,2037 . These securities carry a fixed interest rate of $6.64 \%$ through June 15, 2017, then becomes a floating interest rate, which is reset quarterly, equal to three-month LIBOR plus $1.48 \%$. LNB Trust II invested the proceeds of the offerings in junior subordinated deferrable interest debentures acquired by the Company. The structure of these debentures mirrors the structure of the
trust-preferred securities. LNB Trust II holds \$8,119,000 of junior subordinated debentures. These subordinated debentures are the sole assets of the Trust. Cash distributions on the trust securities are made on a quarterly basis to the extent interest on the debentures is received by the Trust.

We are currently a counterparty to two interest rate swap agreements (swaps), designating the swaps as cash flow hedges. The swaps are intended to protect against the variability of cash flows associated with Northwest Bancorp Capital Trust III and Northwest bancorp Capital Trust IV. The first swap modifies the re-pricing characteristics of Northwest Bancorp Capital Trust III, wherein for a 10 years period expiring in September 2018, the Company receives interest of three-month LIBOR from a counterparty and pays a fixed rate of $4.61 \%$ to the same counterparty calculated on a notional amount of $\$ 25.0$ million. The second swap modifies the re-pricing characteristics of Northwest Bancorp Capital Trust IV, wherein for a ten year period expiring in September 2018, the Company receives interest of three-month LIBOR from a counterparty and pays a fixed rate of $4.09 \%$ to the same counterparty calculated on a notional amount of $\$ 25.0$ million. The swap agreements were entered into with a counterparty that met our credit standards and the agreements contain collateral provisions protecting the at-risk party. We believe that the

## Table of Content

NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)
credit risk inherent in the contracts is not significant. At December 31, 2015, $\$ 4.7$ million of cash was pledged as collateral to the counterparty.

At December 31, 2015, the fair value of the swap agreements was $\$(4.3)$ million and was the amount we would have expected to pay if the contracts were terminated. At December 31, 2015, there was no material hedge ineffectiveness for any of the swaps discussed above.

December 31,
Liability Derivatives (Included in Other Liabilities)
20152014
Cash flow hedges - swaps:
Fair value $\quad \$ 4,276$ 6,273
Notional amount $\quad$ 75,000
Collateral posted 4,705 6,805

The following table sets forth a summary of guaranteed capital debt securities and junior subordinated deferrable interest debentures held by the trusts as of December 31, 2015 and 2014:

|  | Capital Debt | December 31, <br> Can |  |
| :--- | :--- | :--- | :--- |
| Securities | 2015 | 2014 |  |
| Northwest Bancorp Capital Trust III | $\$ 50,000$ | 51,547 | 51,547 |
| Northwest Bancorp Statutory Trust IV | 50,000 | 51,547 | 51,547 |
| LNB Trust II | 7,875 | 8,119 | - |
| Total | $\$ 107,875$ | 111,213 | 103,094 |

Selected Quarterly Financial Data - Unaudited

2015:
Interest income
Net interest income
Provision for loan losses
Noninterest income
Noninterest expenses
Income before income taxes
Income tax expense
Net income
Basic earnings per share
Diluted earnings per share
Three months ended
March 31 June 30 September 30 December 31
(In thousands, except per share data)

| $\$ 76,880$ | 75,970 | 81,091 | 85,639 |
| :--- | :--- | :--- | :--- |
| 13,899 | 13,792 | 14,150 | 14,486 |
| 62,981 | 62,178 | 66,941 | 71,153 |
| 900 | 1,050 | 3,167 | 4,595 |
| 14,625 | 16,525 | 18,140 | 19,546 |
| 53,711 | 55,135 | 63,804 | 61,227 |
| 22,995 | 22,518 | 18,110 | 24,877 |
| 6,825 | 7,213 | 5,238 | 8,684 |
| $\$ 16,170$ | 15,305 | 12,872 | 16,193 |
| $\$ 0.18$ | 0.17 | 0.14 | 0.16 |
| $\$ 0.18$ | 0.17 | 0.13 | 0.16 |

## Table of Content <br> NORTHWEST BANCSHARES, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements
December 31, 2015, 2014 and 2013
(All dollar amounts presented in tables are in thousands, except as indicated)


Subsequent Events - Unaudited
The Company announced plans to optimize its office network. In recent years, the Company has invested heavily in alternative delivery channels such as online and mobile banking, depository ATMs, and automated telephone banking which enables customers to transact business outside of the branch and beyond normal business hours. As a result, the number of transactions conducted in offices has significantly decreased over the past several years and has created an opportunity to improve operating efficiency. Based on these changes in customer preferences, the Company expects by mid-year 2016 to consolidate 24 of its offices into nearby locations and convert two full-service offices into drive-up only facilities. Expenses associated with these changes are expected to be approximately $\$ 5.0$ million, which will be incurred during the first half of 2016, and the annual reduction in pre-tax operating expenses beginning in 2017 is expected to be between $\$ 5.0$ million and $\$ 6.0$ million.

## Table of Contents

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

Not Applicable
ITEM 9A.

## CONTROLS AND PROCEDURES

Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, we 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) under the Exchange Act) as of the end of the period covered by this report. Based upon that evaluation, the principal executive officer and principal financial officer concluded that, as of the end of the period covered by this report, our disclosure controls and procedures were effective.

There were no changes made in our internal controls during the quarter ended December 31, 2015 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

See Management's Report On Internal Control Over Financial Reporting - filed herewith under Part II, Item 8, "Financial Statements and Supplementary Data."

ITEM 9B.
OTHER INFORMATION
Not Applicable.
PART III
ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

The "Proposal I—Election of Directors" section of the Company's definitive proxy statement for the Company's 2016 Annual Meeting of Stockholders (the "2016 Proxy Statement") is incorporated herein by reference.

## ITEM 11.

## EXECUTIVE COMPENSATION

The "Proposal I—Election of Directors" section of the Company's 2016 Proxy Statement is incorporated herein by reference.

## ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The "Proposal I—Election of Directors" section of the Company's 2016 Proxy Statement is incorporated herein by reference.

The Company does not have any equity compensation program that was not approved by stockholders.
Set forth below is certain information as of December 31, 2015 regarding equity compensation plans that have been approved by stockholders.

Equity compensation plans approved by stockholders Number of securities to Weighted Number of securities be issued upon exercise average exercise remaining available for of outstanding options price (1) issuance under plan

|  | and rights |  |  |
| :--- | :--- | :--- | :--- |
| 2000 Stock Option Plan | 40,904 | $\$ 11.12$ | - |
| 2004 Stock Option Plan | 517,107 | 11.19 | - |
| 2008 Stock Option Plan | $2,857,866$ | 11.33 | 510,326 |
| Northwest Bancshares, Inc. 2011 Equity Incentive | $2,890,619$ | 12.40 | $4,074,600$ |
| Plan | $6,306,496$ | 11.81 | $4,584,926$ |

## Table of Contents

## ITEM 13.

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND
DIRECTOR INDEPENDENCE
The "Transactions with Certain Related Persons" section of the Company's 2016 Proxy Statement is incorporated herein by reference.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The "Proposal II — Ratification of Appointment of Independent Registered Public Accounting Firm" Section of the Company's 2016 Proxy Statement is incorporated herein by reference.

## PART IV

ITEM 15.

## EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a)(1) Financial Statements

The following documents are filed as part of this Form 10-K.
(A)Management's Report on Internal Control Over Financial Reporting
(B)Report of Independent Registered Public Accounting Firm on Internal Control Over Financial Reporting
(C) Report of Independent Registered Public Accounting Firm
(D) Consolidated Statements of Financial Condition - At December 31, 2015 and 2014
(E)Consolidated Statements of Income - Years ended December 31, 2015, 2014 and 2013
(F)Consolidated Statements of Comprehensive Income - Years ended December 31, 2015, 2014 and 2013
(G)Consolidated Statements of Changes in Shareholders' Equity - Years ended December 31, 2015, 2014 and 2013
(H)Consolidated Statements of Cash Flows - Years ended December 31, 2015, 2014 and 2013
(I)Notes to the Consolidated Financial Statements.
(a)(2) Financial Statement Schedules

None.
(a)(3) Exhibits

125

## Table of Contents

| Regulation S-K <br> Exhibit Number | Document | Reference to Prior Filing or Exhibit Number Attached Hereto |
| :---: | :---: | :---: |
| 2 | Plan of acquisition, reorganization, arrangement, liquidation or succession | None |
| 3 | Articles of Incorporation and Bylaws | ** |
| 4 | Instruments defining the rights of security holders, including indentures | ** |
| 9 | Voting trust agreement | None |
| 10.1 | Amendment and Restatement of Deferred Compensation Plan for Outside Directors Of Northwest Savings Bank and Eligible Affiliates | *** |
| 10.2 | Retirement Plan for Outside Directors of Northwest Savings Bank and Eligible Affiliates | *** |
| 10.3 | Amended and Restated Northwest Savings Bank Nonqualified Supplemental Retirement Plan | *** |
| 10.4 | Employee Stock Ownership Plan | * |
| 10.5 | Northwest Bancorp, Inc. 2004 Stock Option Plan | **** |
| 10.6 | Northwest Bancorp, Inc. 2004 Recognition and Retention Plan | **** |
| 10.7 | Management Bonus Plan | ********* |
| 10.8 | Northwest Bancorp, Inc. 2008 Stock Option Plan | ***** |
| 10.9 | Amended and Restated Northwest Savings Bank and Affiliates Upper Managers Bonus Deferred Compensation Plan | *** |
| 10.10 | Employment Agreement for William J. Wagner | ****** |
| 10.11 | Employment Agreement for William W. Harvey, Jr. | ****** |
| 10.12 | Employment Agreement for Steven G. Fisher | ****** |
| 10.13 | Change in Control Agreement for Michael G. Smelko | ****** |
| 10.14 | Change in Control Agreement for David E. Westerburg | ****** |
| 126 |  |  |

## Table of Contents

Northwest Bancshares, Inc. 2011 Equity Incentive Plan
Statement re: computation of per share earnings
Statement re: computation of ratios
Letter re: change in certifying accountant
Letter re: change in accounting principles
Subsidiaries of Registrant
Published report regarding matters submitted to vote of security holders

Consent of experts and counsel
Power of Attorney
Information from reports furnished to State insurance regulatory authorities

Certification pursuant to Rule 13a-14 of the Securities
Exchange Act of 1934, as Amended, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Certification pursuant to Rule 13a-14 of the Securities
Exchange Act of 1934, as Amended, as adopted pursuant
to Section 302 of the Sarbanes-Oxley Act of 2002
Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley
Act of 2002
Interactive Data File (XBRL)
Incorporated by reference to the Company's Registration Statement on Form S-4 (File No. 333-31687), originally filed with the SEC on July 21, 1997, as amended on October 9, 1997 and November 4, 1997. Incorporated by reference to the Company's Registration Statement on Form S-1 (File No. 333-161805), filed with the SEC on September 9, 2009.
Incorporated by reference to the Company's annual Report on Form 10-K (File No. 000-23817), file with the SEC on March 4, 2009.
Incorporated by reference to the Definitive Proxy Statement for the 2004 Annual Meeting of Shareholders (File No. 000-23817), filed with the SEC on October 6, 2004.
Incorporated by reference to the Definitive Proxy Statement for the 2008 Annual Meeting of Shareholders (File No. 000-23817), filed with the SEC on April 11, 2008.
Incorporated by reference to the Periodic Report on Form 8-K (File No. 001-34582), filed with the SEC on March 9, 2015.

Incorporated by reference to the Company's Annual Report on Form 10-K (File No. 001-34582), filed with the SEC on March 21, 2011.
Incorporated by reference to the Company's Annual Report on Form 10-K (File No. 001-34582), filed with the SEC on February 29, 2012.

## Table of Contents

## SIGNATURES

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

NORTHWEST BANCSHARES, INC.

Date: February 29, 2016

By: /s/ William J. Wagner<br>William J. Wagner, Chairman, President and Chief Executive Officer (Principal Executive Officer)

Pursuant to the requirements of the Securities Exchange of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 19, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

Date: February 29, 2016

By: /s/ William J. Wagner

William J. Wagner, Chairman, President, and
Chief Executive Officer and Director

By: /s/ William W. Harvey, Jr., William W. Harvey, Jr., Senior Executive Vice President, Finance, and Chief Financial Officer (Principal Financial Officer)

By: /s/ Gerald J. Ritzert

Gerald J. Ritzert, Executive Vice President, and
Controller (Principal Accounting Officer)

By: /s/ Robert M. Campana<br>Robert M. Campana

By: /s/ Deborah J. Chadsey
Deborah J. Chadsey, Director
By: /s/ Timothy B. Fannin
Timothy B. Fannin, Director
By: /s/ Timothy M. Hunter
Timothy M. Hunter
By: /s/ A. Paul King
A. Paul King, Director

By: /s/ John P. Meegan
John P. Meegan, Director
By: /s/ Richard E. McDowell
Richard E. McDowell, Director
By: /s/ William F. McKnight

Date: February 29, 2016

Date: February 29, 2016

By: /s/ Sonia M. Probst
Sonia M. Probst, Director
By: /s/ Philip M. Tredway
Philip M. Tredway, Director


[^0]:    /s/ KPMG LLP

[^1]:    (i)

