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Northwest Bancshares, Inc.  
Form 10-Q  
November 08, 2018  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 10-Q

☒ Quarterly Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the quarterly period ended September 30, 2018

or

☐ Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

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

Commission File Number 001-34582

NORTHWEST BANCSHARES, INC.  
(Exact name of registrant as specified in its charter)

Maryland 27-0950358  
(State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)

100 Liberty Street, Warren, Pennsylvania 16365  
(Address of principal executive offices) (Zip Code)

(814) 726-2140  
(Registrant's telephone number, including area code)

(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

☒ Large accelerated filer ☐ Accelerated filer

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- ☐ Non-accelerated filer    ☐ Smaller reporting company
- ☐ Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a Shell Company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date:

Common Stock (\$0.01 par value), 103,300,768 shares outstanding as of October 31, 2018

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## ITEM 1. FINANCIAL STATEMENTS

## NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF FINANCIAL CONDITION (Unaudited)

(in thousands, except share data)

	September 30, 2018	December 31, 2017
Assets		
Cash and due from banks	\$ 73,946	77,710
Marketable securities available-for-sale (amortized cost of \$829,345 and \$800,094)	811,556	792,535
Marketable securities held-to-maturity (fair value of \$23,534 and \$29,667)	24,222	29,678
Total cash and cash equivalents and marketable securities	909,724	899,923
Personal Banking loans:		
Residential mortgage loans held-for-sale	—	3,128
Residential mortgage loans	2,846,834	2,773,075
Home equity loans	1,272,345	1,310,355
Consumer loans	776,049	671,389
Total Personal Banking loans	4,895,228	4,757,947
Commercial Banking loans:		
Commercial real estate loans	2,518,066	2,454,726
Commercial loans	582,768	580,736
Total Commercial Banking loans	3,100,834	3,035,462
Total loans	7,996,062	7,793,409
Allowance for loan losses	(55,975)	(56,795)
Total loans, net	7,940,087	7,736,614
Federal Home Loan Bank stock, at cost	15,452	11,733
Accrued interest receivable	25,798	23,352
Real estate owned, net	2,486	5,666
Premises and equipment, net	144,612	151,944
Bank owned life insurance	170,042	171,547
Goodwill	307,420	307,420
Other intangible assets	21,167	25,669
Other assets	38,543	30,066
Total assets	\$ 9,575,331	9,363,934
Liabilities and Shareholders' Equity		
Liabilities:		
Noninterest-bearing checking deposits	\$ 1,724,202	1,610,409
Interest-bearing checking deposits	1,499,344	1,442,928
Money market deposit accounts	1,676,845	1,707,450
Savings deposits	1,650,357	1,653,579
Time deposits	1,403,205	1,412,623
Total deposits	7,953,953	7,826,989
Borrowed funds	179,117	108,238
Junior subordinated debentures	111,213	111,213
Advances by borrowers for taxes and insurance	23,297	40,825

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Accrued interest payable	627	460
Other liabilities	66,448	68,485
Total liabilities	8,334,655	8,156,210
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, 103,293,480 shares and 102,394,828 shares issued, respectively	1,033	1,027
Paid-in capital	742,863	730,719
Retained earnings	541,469	508,058
Accumulated other comprehensive loss	(44,689	) (32,080 )
Total shareholders' equity	1,240,676	1,207,724
Total liabilities and shareholders' equity	\$ 9,575,331	9,363,934
See accompanying notes to unaudited consolidated financial statements		

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## NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF INCOME (Unaudited)

(in thousands, except per share data)

	Quarter ended September 30,		Nine months ended September 30,	
	2018	2017	2018	2017
Interest income:				
Loans receivable	\$90,733	85,373	264,059	252,838
Mortgage-backed securities	3,572	3,118	9,839	8,327
Taxable investment securities	814	957	2,140	2,944
Tax-free investment securities	205	476	908	1,574
FHLB dividends	119	63	301	172
Interest-earning deposits	162	244	766	1,440
Total interest income	95,605	90,231	278,013	267,295
Interest expense:				
Deposits	8,233	5,795	22,000	17,086
Borrowed funds	1,555	1,199	4,203	3,664
Total interest expense	9,788	6,994	26,203	20,750
Net interest income	85,817	83,237	251,810	246,545
Provision for loan losses	6,982	3,027	16,540	13,226
Net interest income after provision for loan losses	78,835	80,210	235,270	233,319
Noninterest income:				
Gain on sale of investments	—	1,497	153	1,517
Service charges and fees	13,158	12,724	37,965	37,190
Trust and other financial services income	4,254	4,793	12,335	13,697
Insurance commission income	2,046	1,992	6,885	7,139
Loss on real estate owned, net	(247)	(193)	(617)	(490)
Income from bank owned life insurance	1,460	1,078	4,783	3,798
Mortgage banking income	82	519	383	1,193
Gain on sale of offices	—	—	—	17,186
Other operating income	1,804	2,184	6,567	6,345
Total noninterest income	22,557	24,594	68,454	87,575
Noninterest expense:				
Compensation and employee benefits	37,535	36,556	113,076	113,003
Premises and occupancy costs	6,821	6,951	20,952	21,570
Office operations	3,508	3,939	10,684	12,331
Collections expense	483	568	1,429	1,670
Processing expenses	9,620	9,650	28,886	29,198
Marketing expenses	1,949	2,488	6,103	7,482
Federal deposit insurance premiums	721	771	2,109	2,794
Professional services	2,368	2,321	7,464	7,348
Amortization of intangible assets	1,462	1,691	4,502	5,189
Real estate owned expense	205	310	630	809
Restructuring/ acquisition expense	186	1,398	579	4,255
Other expenses	1,759	2,156	7,411	8,058
Total noninterest expense	66,617	68,799	203,825	213,707
Income before income taxes	34,775	36,005	99,899	107,187
Federal and state income taxes expense	7,035	12,414	20,875	34,868
Net income	\$27,740	23,591	79,024	72,319

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Basic earnings per share	\$0.27	0.23	0.78	0.72
Diluted earnings per share	\$0.27	0.23	0.76	0.71

See accompanying notes to unaudited consolidated financial statements

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## NORTHWEST BANCSHARES, INC.

### CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Unaudited)

(in thousands)

	Quarter ended September 30,		Nine months ended September 30,	
	2018	2017	2018	2017
Net income	\$27,740	23,591	79,024	72,319
Other comprehensive income net of tax:				
Net unrealized holding gains/ (losses) on marketable securities:				
Unrealized holding gains/ (losses) net of tax of \$788, \$164, \$2,869, and \$(995), respectively	(1,970 )	(264 )	(7,169 )	1,684
Reclassification adjustment for gains included in net income, net of tax of \$17, \$369, \$54 and \$416, respectively	(44 )	(674 )	(138 )	(741 )
Net unrealized holding gains/ (losses) on marketable securities	(2,014 )	(938 )	(7,307 )	943
Change in fair value of interest rate swaps, net of tax of \$(51), \$(138), \$(204), and \$(419), respectively	192	258	766	779
Defined benefit plan:				
Reclassification adjustments for prior period service costs and net losses included in net income, net of tax of \$(90), \$(153), \$(271) and \$(460), respectively	226	221	678	662
Other comprehensive income/ (loss)	(1,596 )	(459 )	(5,863 )	2,384
Total comprehensive income	\$26,144	23,132	73,161	74,703

See accompanying notes to unaudited consolidated financial statements

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## NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY (Unaudited)

(dollars in thousands, except share data)

Quarter ended September 30, 2017

	Common Stock Shares	Common Stock Amount	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Balance at June 30, 2017	102,478,146	\$ 1,025	726,036	495,017	(25,148 )	1,196,930
Comprehensive income:						
Net income	—	—	—	23,591	—	23,591
Other comprehensive income, net of tax of \$242	—	—	—	—	(459 )	(459 )
Total comprehensive income	—	—	—	23,591	(459 )	23,132
Exercise of stock options	87,521	1	1,033	—	—	1,034
Stock-based compensation expense	—	—	1,094	—	—	1,094
Dividends paid (\$0.16 per share)	—	—	—	(16,343 )	—	(16,343 )
Balance at September 30, 2017	102,565,667	\$ 1,026	728,163	502,265	(25,607 )	1,205,847

Quarter ended September 30, 2018

	Common Stock Shares	Common Stock Amount	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Balance at June 30, 2018	103,122,890	\$ 1,031	739,673	531,269	(43,093 )	1,228,880
Comprehensive income:						
Net income	—	—	—	27,740	—	27,740
Other comprehensive loss, net of tax of \$664	—	—	—	—	(1,596 )	(1,596 )
Total comprehensive income/ (loss)	—	—	—	27,740	(1,596 )	26,144
Exercise of stock options	178,109	2	1,918	—	—	1,920
Stock-based compensation expense	—	—	1,272	—	—	1,272
Stock-based compensation forfeited	(7,519 )	—	—	—	—	—

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Dividends paid (\$0.17 per share)	—	—	—	(17,540 )	—	(17,540 )
Balance at September 30, 2018	103,293,480	\$ 1,033	742,863	541,469	(44,689 )	1,240,676

See accompanying notes to unaudited consolidated financial statements

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## NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY (Unaudited)

(dollars in thousands, expect share data)

Nine months ended September 30, 2017

	Common Stock Shares	Amount	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Beginning balance at December 31, 2016	101,699,406	\$ 1,017	718,834	478,803	(27,991 )	1,170,663
Comprehensive income:						
Net income	—	—	—	72,319	—	72,319
Other comprehensive income, net of tax of \$(1,458)	—	—	—	—	2,384	2,384
Total comprehensive income	—	—	—	72,319	2,384	74,703
Exercise of stock options	488,211	5	5,611	—	—	5,616
Stock-based compensation expense	378,050	4	3,718	—	—	3,722
Dividends paid (\$0.48 per share)	—	—	—	(48,857 )	—	(48,857 )
Ending balance at September 30, 2017	102,565,667	\$ 1,026	728,163	502,265	(25,607 )	1,205,847

Nine months ended September 30, 2018

	Common Stock Shares	Amount	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Beginning balance at December 31, 2017	102,394,828	\$ 1,027	730,719	508,058	(32,080 )	1,207,724
Reclassification due to adoption of ASU No. 2018-02	—	—	—	6,746	(6,746 )	—
Comprehensive income:						
Net income	—	—	—	79,024	—	79,024
Other comprehensive loss, net of tax of \$2,448	—	—	—	—	(5,863 )	(5,863 )
Total comprehensive income/ (loss)	—	—	—	85,770	(12,609 )	73,161
Exercise of stock options	674,538	7	7,595	—	—	7,602
Stock-based compensation expense	414,330	4	4,544	—	—	4,548

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Stock-based compensation forfeited	(190,216 )	(5 )	5	—	—	—
Dividends paid (\$0.51 per share)	—	—	—	(52,359 )	—	(52,359 )
Ending balance at September 30, 2018	103,293,480	\$1,033	742,863	541,469	(44,689 )	1,240,676

See accompanying notes to unaudited consolidated financial statements

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NORTHWEST BANCSHARES, INC.  
CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)  
(in thousands)

	Nine months ended September 30,	
	2018	2017
OPERATING ACTIVITIES:		
Net Income	\$79,024	72,319
Adjustments to reconcile net income to net cash provided by operating activities:		
Provision for loan losses	16,540	13,226
Net (gain)/ loss on sale of assets	1,758	(1,443 )
Net gain on sale of offices	—	(17,186 )
Net depreciation, amortization and accretion	7,598	10,951
(Increase)/ decrease in other assets	(8,952 )	20,968
Decrease in other liabilities	48	1,761
Net amortization on marketable securities	1,317	1,535
Noncash write-down of real estate owned	1,281	980
Deferred income tax expense	22	—
Origination of loans held for sale	(1,297 )	(59,401 )
Proceeds from sale of loans held for sale	4,501	68,041
Noncash compensation expense related to stock benefit plans	4,548	3,722
Net cash provided by operating activities	106,388	115,473
INVESTING ACTIVITIES:		
Purchase of marketable securities held-to-maturity	—	(23,621 )
Purchase of marketable securities available-for-sale	(215,242)	(210,111 )
Proceeds from maturities and principal reductions of marketable securities held-to-maturity	5,439	11,625
Proceeds from maturities and principal reductions of marketable securities available-for-sale	179,640	144,846
Proceeds from sale of marketable securities available-for-sale	5,206	23,501
Proceeds from bank-owed life insurance	357	1,550
Loan originations	(2,256,146)	(2,050,885)
Proceeds from loan maturities and principal reductions	2,036,656	2,002,816
Net purchase of Federal Home Loan Bank stock	(3,719 )	(594 )
Proceeds from sale of real estate owned	5,082	3,687
Sale of real estate owned for investment, net	455	456
Purchase of premises and equipment	(3,438 )	(1,242 )
Net cash used in investing activities	(245,710)	(97,972 )

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## NORTHWEST BANCSHARES, INC.

## CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited) (continued)

(in thousands)

	Nine months ended September 30,	
	2018	2017
FINANCING ACTIVITIES:		
Increase/ (decrease) in deposits, net	\$126,964	(155,925)
Net increase/ (decrease) in short-term borrowings	70,879	(27,511 )
Decrease in advances by borrowers for taxes and insurance	(17,528 )	(15,015 )
Cash dividends paid	(52,359 )	(48,857 )
Proceeds from stock options exercised	7,602	5,616
Net cash provided by/ (used in) financing activities	135,558	(241,692)
Net decrease in cash and cash equivalents	\$(3,764 )	(224,191)
Cash and cash equivalents at beginning of period	\$77,710	389,867
Net decrease in cash and cash equivalents	(3,764 )	(224,191)
Cash and cash equivalents at end of period	\$73,946	165,676
Cash paid during the period for:		
Interest on deposits and borrowings (including interest credited to deposit accounts of \$20,927 and \$16,644, respectively)	\$26,036	20,875
Income taxes	\$19,299	20,705
Non-cash activities:		
Loan foreclosures and repossessions	\$5,034	6,392
Sale of real estate owned financed by the Company	\$183	168

See accompanying notes to unaudited consolidated financial statements

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - Unaudited

(1) Basis of Presentation and Informational Disclosures

Northwest Bancshares, Inc. (the “Company”) or (“NWBI”), a Maryland corporation headquartered in Warren, Pennsylvania, is a savings and loan holding company regulated by the Board of Governors of the Federal Reserve System. The primary activity of the Company is the ownership of all of the issued and outstanding common stock of Northwest Bank, a Pennsylvania-chartered savings bank (“Northwest”). Northwest is regulated by the FDIC and the Pennsylvania Department of Banking. Northwest operates 172 community-banking offices throughout Pennsylvania, western New York, and eastern Ohio.

The accompanying unaudited consolidated financial statements include the accounts of the Company and its subsidiary, Northwest, and Northwest’s subsidiaries Northwest Capital Group, Inc., Allegheny Services, Inc., Great Northwest Corporation, and The Bert Company. The unaudited consolidated financial statements have been prepared in accordance with United States generally accepted accounting principles for interim financial information and with the instructions for Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information or footnotes required for complete annual financial statements. In the opinion of management, all adjustments necessary for the fair presentation of the Company’s financial position and results of operations have been included. The consolidated statements have been prepared using the accounting policies described in the financial statements included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017 updated, as required, for any new pronouncements or changes.

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

The results of operations for the quarter and nine months ended September 30, 2018 are not necessarily indicative of the results that may be expected for the year ending December 31, 2018, or any other period.

Stock-Based Compensation

On May 14, 2018, the Company awarded employees 831,160 stock options and directors 64,800 stock options with an exercise price of \$16.59 and grant date fair value of \$1.49 per stock option, and the Company awarded employees 390,030 restricted common shares and directors 24,300 restricted common shares with a grant date fair value of \$16.59. Awarded stock options and common shares vest over a seven-year period with the first vesting occurring on the grant date. Stock-based compensation expense of \$1.3 million and \$1.1 million for the quarters ended September 30, 2018 and 2017, and \$4.5 million and \$3.7 million for the nine months ended September 30, 2018 and 2017, respectively, was recognized in compensation expense relating to our stock benefit plans. At September 30, 2018 there was compensation expense of \$4.3 million to be recognized for awarded but unvested stock options and \$18.6 million for unvested common shares.

Income Taxes- Uncertain Tax Positions

Accounting standards prescribe a comprehensive model for how a company should recognize, measure, present and disclose in its financial statements uncertain tax positions that the company has taken or expects to take on a tax return. A tax benefit from an uncertain position may be recognized only if it is “more likely than not” that the position is sustainable, based on its technical merits. The tax benefit of a qualifying position is the largest amount of tax benefit that is greater than 50% likely of being realized upon ultimate settlement with a taxing authority having full knowledge of all relevant information. At September 30, 2018 we had no liability for unrecognized tax benefits.

We recognize interest accrued related to: (1) unrecognized tax benefits in other expenses and (2) refund claims in other operating income. We recognize penalties (if any) in other expenses. We are subject to audit by the Internal Revenue Service and any state in which we conduct business for the tax periods ended December 31, 2017, 2016 and 2015.

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### Recently Adopted Accounting Standards

In May 2014 the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2014-09, “Revenue from Contracts with Customers (Topic 606)”. Effective January 1, 2018, we adopted the ASU and all related amendments to all contracts using the modified retrospective approach, with the cumulative effect recorded as an adjustment to opening retained earnings. Due to immateriality, we had no cumulative effect to record. The comparative information has not been restated and continues to be reported under the accounting standards in effect for those periods. We expect the impact of the adoption of the new standard to be immaterial to our net income on an ongoing basis.

Our revenue is comprised of net interest income on financial assets and financial liabilities, which is explicitly excluded from the scope of ASU 2014-09, and non-interest income. The services that fall within the scope of ASC 606 include service charges and fees, trust and other financial services income, insurance commission income, sale of OREO and other operating income.

Revenue is recognized when performance obligations under the terms of a contract with our customers are satisfied. Revenue is measured as the amount of consideration we expect to receive in exchange for transferring goods or providing services. The majority of our revenue continues to be recognized at the point in time when the services are provided to our customers.

Service charges and fees represents income earned on both loan and deposit accounts as well as interchange income. Service charges on deposit accounts primarily consist of overdraft, non-sufficient funds, ATM transaction fees and account management fees. Revenue is recognized at the point in time the transaction occurs or the service is provided to the customer. We earn interchange income from debit and credit cardholder transactions processed through payment networks. Interchange fees represent a percentage of the underlying transaction value and are generally set by the credit card associations. Interchange fees are recognized as transactions occur.

We provide trust management services and investment management services to our customers and recognize revenue as these management services are provided. Trust and investment management services are billed and paid on a monthly or quarterly basis. Additionally, we earn commissions on investment products that are sold to our customers. These commissions are recognized at the time of the sale of the third party’s product or services to our customers.

Our insurance subsidiary is an employee benefits and property and casualty insurance agency specializing in commercial and personal insurance as well as retirement benefit plans. Insurance commission income is earned at the time of sale of the third party’s product or service to our customers.

Loss on real estate owned represents gains and losses on real estate acquired by Northwest through the foreclosure process. Proceeds from the sale of these properties are recognized when control of the property transfers to the buyer. In certain instances the Bank may finance a portion of the purchase price paid by the buyer and an additional evaluation of whether all of the contract criteria are met is required. If it is not probable that we will collect substantially all of the consideration expected, the transaction would not be accounted for as a sale until the concerns about collectability are resolved.

Other operating income consists primarily of revenues earned for providing transaction services to our deposit customers. The revenue is earned at the point in time the transaction occurs.

We have evaluated the nature of our contracts with customers and determined that further disaggregation of revenue from contracts with customers into more granular categories beyond what is presented in the Consolidated Statements of Income was not necessary.

In January 2016 the FASB issued ASU 2016-01, "Financial Instruments - Overall (Subtopic 825-10)". This guidance requires equity investments (except those accounted for under the equity method of accounting or those that result in consolidation of the investee) to be measured at fair value with changes in fair value recognized in net income. This guidance is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. We adopted this guidance as of January 1, 2018 which did not have a material impact on our results of operations and financial position. Additionally, this guidance requires entities to use the exit price notion when measuring the fair value of financial instruments for disclosure purposes and eliminates the requirement for public business entities to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost on the balance sheet. Accordingly, we refined the calculation used to determine the disclosed fair value of our loans held for investment portfolio as part of adopting this standard. The refined calculation did not have a significant impact on our fair value disclosures. Refer to note 9, "Disclosures About Fair Value of Financial Instruments".

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In August 2016, the FASB issued ASU No. 2016-15, "Classification of Certain Cash Receipts and Cash Payments". The main objective of this ASU is to reduce diversity in practice in how certain transactions are classified in the statement of cash flows. The amendments in this Update provide guidance on the following eight specific cash flow issues: debt prepayment or debt extinguishment costs, settlement of zero-coupon debt instruments, contingent consideration payments made after a business combination, proceeds from the settlement of insurance claims, proceeds from the settlement of bank-owned life insurance (BOLI) policies, distributions received from equity method investments, beneficial interests in securitization transactions, and separately identifiable cash flows and application of the predominance principle. This guidance is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2017. We adopted this guidance as of January 1, 2018 and applied it on a retrospective basis. No material reclassifications were made for the nine months ended September 30, 2017 and we do not expect the reclassifications to be material for the full year.

In January 2017, the FASB issued ASU 2017-04, "Intangibles - Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment". This guidance eliminates the requirement to determine the fair value of individual assets and liabilities of a reporting unit to measure goodwill impairment. Under this guidance goodwill impairment testing will be performed by comparing the fair value of the reporting unit with its carrying amount and recognizing an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value. This guidance is effective for annual and interim goodwill impairment tests in fiscal years beginning after December 15, 2019, and should be applied on a prospective basis. Early adoption is permitted for annual and interim goodwill impairment testing dates after January 1, 2017. We have elected to early adopt this standard as of January 1, 2018 and the amendments were applied on a prospective basis. The adoption did not have a material impact on the consolidated financial statements.

In March 2017, the FASB issued ASU No. 2017-07, "Compensation Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Costs and Net Periodic Postretirement Benefit Costs". This guidance provides financial statement users with clearer and disaggregated information related to the components of net periodic benefit cost and improve transparency of the presentation of net periodic benefit cost in the financial statements. Employers will present the service cost component of net periodic benefit cost in the same income statement line item as other employee compensation costs arising from services rendered during the period. Employers will present the other components of the net periodic benefit cost separately from the line items that includes the service cost outside of any subtotal of operating income, if one is presented. This guidance is effective for annual and interim periods beginning after December 15, 2017 and should be applied retrospectively. We adopted this standard as of January 1, 2018. The other components of the net periodic benefit cost for the quarter and nine months ended September 30, 2017 totaled \$517,000 and \$1.6 million, respectively, and were reclassified from compensation and employee benefits to other expense.

In February 2018, the FASB issued ASU 2018-02, "Income Statement - Reporting Comprehensive Income (Topic 220) - Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income." This guidance permits a reclassification from accumulated other comprehensive income to retained earnings of the stranded tax effects resulting from the Tax Cuts and Jobs Act. This guidance is effective for annual or interim reporting periods beginning after December 15, 2018 but permits early adoption in a period for which financial statements have not been issued. We have elected to early adopt the ASU as of January 1, 2018. The reclassification from accumulated other comprehensive income to retained earnings was \$6.7 million for the release of stranded income tax benefits relating to the unrealized net gains and losses on available for sale securities and the change in fair value of our interest rate swaps and our pension plan. Our policy for releasing income tax effects from accumulated other comprehensive income is to release them when investments are sold or matured and liabilities are extinguished.

## Recently Issued Accounting Standards

In February 2016, the FASB issued ASU 2016-2, "Leases". This guidance requires a lessee to recognize in the statement of financial condition a liability to make lease payments and a right-of-use asset representing the right to use the underlying asset for the term of the lease. Optional periods should only be recognized if the lessee is reasonably certain to exercise the option. For leases with a term of twelve months or less, the lessee is permitted not to recognize lease assets and lease liabilities and should recognize lease expense for such leases generally on a straight-line basis over the term of the lease. This guidance is effective for annual periods beginning after December 15, 2018, including interim periods within those years and early adoption is permitted. We lease certain branch and office facilities or land under operating leases. While we are currently evaluating the impact this guidance will have on our results of operations and financial position, we expect the primary impact on the consolidated statement of financial position will be the recognition of right-of-use assets and lease obligations under the ASU as a result of our minimum commitments under non-cancellable operating leases. Our current minimum commitments under non-cancellable operating leases are disclosed in Note 7, "Premises and Equipment" in our Annual Report on Form 10-K for the year ended December 31, 2017. We expect to apply the package of practical expedients included therein, as well as utilize the transition method included in ASU 2018-11. By applying ASU 2016-02 at the adoption date, as opposed to at the beginning of the earliest period presented, our reporting for periods prior to January 1, 2019 will continue to be in accordance with Leases (Topic 840).

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In June 2016, the FASB issued ASU 2016-13, "Financial Instruments - Credit Losses (Topic 326) - Measurement of Credit Losses on Financial Instruments", which eliminates the probable initial recognition threshold for credit losses and instead requires that all financial assets (or group of financial assets) measured at amortized cost be presented at the net amount expected to be collected inclusive of the entity's current estimate of all lifetime expected credit losses. This guidance also applies to certain off-balance-sheet credit exposures such as unfunded commitments and non-derivative financial guarantees. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial assets in order to present the net carrying value at the amount expected to be collected on the financial asset. The measurement of expected credit losses is based on relevant information about past events, including historical experience, current conditions, and reasonable and supportable forecasts that affect the collectability of the reported amount. The income statement under this guidance will reflect the initial recognition of current expected credit losses for newly recognized assets, as well as any increases or decreases of expected credit losses that have occurred during the period. This guidance retains many currently-existing disclosures related to the credit quality of an entity's assets and the related allowance for credit losses amended to reflect the change to an expected credit loss methodology, as well as enhanced disclosures to provide information to users at a more disaggregated level. Upon adoption, ASU 2016-13 provides for a modified retrospective transition by means of a cumulative-effect adjustment to equity as of the beginning of the period in which the guidance is effective, except for debt securities for which other-than-temporary impairment has previously been recognized. For these debt securities, a prospective transition is provided in order to maintain the same amortized cost prior to and subsequent to the effective date of the ASU. This guidance is effective for annual reporting periods beginning after December 15, 2019, and interim periods within those annual periods with early adoption permitted for fiscal years beginning after December 15, 2018, and interim periods within those annual periods. Management created a formal working group to govern the implementation of these amendments consisting of key stakeholders from finance, risk, credit and accounting. We are currently in the process of designing current expected credit loss estimation methodologies and systems, and collecting data to be able to comply with the standard. We have partnered with a third-party to assist in the development of certain portfolio-level estimation methodologies and have chosen a third-party software platform provider. We are also evaluating the effect this guidance will have on our results of operations, financial position and related disclosures. The impact of the ASU will depend upon the state of the economy and the nature of our portfolios, among other items, at the date of adoption.

In August 2018, the FASB issued ASU 2018-13, "Fair Value Measurement (Topic 820) - Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement." This guidance removes, modifies and adds disclosure requirements for fair value measurements. This guidance is effective for annual periods beginning after December 15, 2019, including interim periods within those years, with early adoption permitted for any removed or modified disclosure requirements. Transition is on a prospective basis for the new and modified disclosures, and on a retrospective basis for disclosures that have been eliminated. We do not expect this guidance to have a material impact on our financial statements.

In August 2018, the FASB issued ASU 2018-14, "Compensation - Retirement Benefits - Defined Benefit Plans - General (Subtopic 715-20) - Disclosure Framework-Changes to the Disclosure Requirements for Defined Benefit Plans." This guidance removes and adds disclosure requirements for defined benefit pension or other post-retirement plans. This guidance is effective for annual periods beginning after December 15, 2020, with early adoption permitted, and requires retrospective adoption for all periods presented. We do not expect this guidance to have a material impact on our financial statements.

In August 2018, the FASB issued ASU 2018-15, "Intangibles-Goodwill and Other-Internal-Use Software (Subtopic 350-40)-Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract." This guidance aligns the requirements for capitalization of implementation costs incurred in a hosting arrangement that is a service contract with the existing guidance for internal-use software. This guidance is

effective for annual periods beginning after December 15, 2019, including interim periods within those years, with early adoption permitted. Transition can either be on a retrospective basis or a prospective basis on all implementation costs incurred after the date of adoption. We are evaluating the impact this new accounting guidance will have on our financial statements.

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## (2) Investment securities and impairment of investment securities

The following table shows the portfolio of investment securities available-for-sale at September 30, 2018 (in thousands):

	Amortized cost	Gross unrealized holding gains	Gross unrealized holding losses	Fair value
Debt issued by the U.S. government and agencies:				
Due after one year through five years	\$ 14,707	—	(12	) 14,695
Debt issued by government sponsored enterprises:				
Due in one year or less	70,096	—	(895	) 69,201
Due after one year through five years	116,097	—	(2,560	) 113,537
Due after ten years	3,822	—	(115	) 3,707
Municipal securities:				
Due in one year or less	2,351	3	(7	) 2,347
Due after one year through five years	3,553	43	(11	) 3,585
Due after five years through ten years	11,714	46	(23	) 11,737
Due after ten years	7,073	31	(29	) 7,075
Corporate debt issues:				
Due after five years through ten years	912	—	—	912
Residential mortgage-backed securities:				
Fixed rate pass-through	131,255	514	(5,689	) 126,080
Variable rate pass-through	26,374	1,064	(5	) 27,433
Fixed rate non-agency CMOs	—	—	—	—
Fixed rate agency CMOs	374,900	5	(10,595	) 364,310
Variable rate agency CMOs	66,491	467	(21	) 66,937
Total residential mortgage-backed securities	599,020	2,050	(16,310	) 584,760
Total marketable securities available-for-sale	\$ 829,345	2,173	(19,962	) 811,556

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The following table shows the portfolio of investment securities available-for-sale at December 31, 2017 (in thousands):

	Amortized cost	Gross unrealized holding gains	Gross unrealized holding losses	Fair value
Debt issued by the U.S. government and agencies:				
Due in one year or less	\$ 1	—	—	1
Debt issued by government sponsored enterprises:				
Due in one year or less	66,566	14	(289 )	66,291
Due after one year through five years	140,624	—	(2,402 )	138,222
Due after ten years	4,833	—	(77 )	4,756
Equity securities	551	29	(6 )	574
Municipal securities:				
Due in one year or less	2,492	7	(1 )	2,498
Due after one year through five years	7,072	82	(6 )	7,148
Due after five years through ten years	14,576	171	—	14,747
Due after ten years	26,371	292	—	26,663
Corporate debt issues:				
Due after ten years	909	—	—	909
Residential mortgage-backed securities:				
Fixed rate pass-through	144,411	1,108	(2,817 )	142,702
Variable rate pass-through	33,079	1,464	(6 )	34,537
Fixed rate non-agency CMOs	15	—	—	15
Fixed rate agency CMOs	284,320	37	(5,271 )	279,086
Variable rate agency CMOs	74,274	249	(137 )	74,386
Total residential mortgage-backed securities	536,099	2,858	(8,231 )	530,726
Total marketable securities available-for-sale	\$ 800,094	3,453	(11,012 )	792,535

The following table shows the portfolio of investment securities held-to-maturity at September 30, 2018 (in thousands):

	Amortized cost	Gross unrealized holding gains	Gross unrealized holding losses	Fair value
Residential mortgage-backed securities:				
Fixed rate pass-through	\$ 3,027	44	—	3,071
Variable rate pass-through	1,778	39	—	1,817
Fixed rate agency CMOs	18,753	—	(782 )	17,971
Variable rate agency CMOs	664	11	—	675
Total residential mortgage-backed securities	24,222	94	(782 )	23,534
Total marketable securities held-to-maturity	\$ 24,222	94	(782 )	23,534



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The following table shows the portfolio of investment securities held-to-maturity at December 31, 2017 (in thousands):

	Amortized cost	Gross unrealized holding gains	Gross unrealized holding losses	Fair value
Residential mortgage-backed securities:				
Fixed rate pass-through	\$ 3,760	140	—	3,900
Variable rate pass-through	2,283	64	—	2,347
Fixed rate agency CMOs	22,906	20	(248 )	22,678
Variable rate agency CMOs	729	13	—	742
Total residential mortgage-backed securities	29,678	237	(248 )	29,667
Total marketable securities held-to-maturity	\$ 29,678	237	(248 )	29,667

The following table shows the fair value of 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 September 30, 2018 (in thousands):

	Less than 12 months		12 months or more		Total	
	Fair value	Unrealized loss	Fair value	Unrealized loss	Fair value	Unrealized loss
U.S. government sponsored enterprises	\$ 55,650	(210 )	130,795	(3,360 )	186,445	(3,570 )
Municipal securities	9,025	(70 )	—	—	9,025	(70 )
Residential mortgage-backed securities - agency	176,316	(2,095 )	329,287	(14,997 )	505,603	(17,092 )
U.S. government and agencies	14,695	(12 )	—	—	14,695	(12 )
Total temporarily impaired securities	\$ 255,686	(2,387 )	460,082	(18,357 )	715,768	(20,744 )

The following table shows the fair value of 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, 2017 (in thousands):

	Less than 12 months		12 months or more		Total	
	Fair value	Unrealized loss	Fair value	Unrealized loss	Fair value	Unrealized loss
U.S. government sponsored enterprises	\$ 5,006	(7 )	197,695	(2,761 )	202,701	(2,768 )
Equity Securities	—	—	544	(6 )	544	(6 )
Municipal Securities	4,563	(7 )	—	—	4,563	(7 )
Residential mortgage-backed securities - agency	239,703	(2,522 )	202,344	(5,957 )	442,047	(8,479 )
Total temporarily impaired securities	\$ 249,272	(2,536 )	400,583	(8,724 )	649,855	(11,260 )

We review our investment portfolio for indications of impairment. This review includes analyzing the length of time and the extent to which amortized costs have exceeded fair values, the financial condition and near-term prospects of the issuer, including any specific events which may influence the operations of the issuer, and the intent and ability to hold the investments for a period of time sufficient to allow for a recovery in value. 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.

Credit related impairment on all debt securities is recognized in earnings while noncredit related impairment on available-for-sale debt securities, not expected to be sold, is recognized in other comprehensive income.



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The table below shows a cumulative roll forward of credit losses recognized in earnings for debt securities held and not intended to be sold for the quarter and nine months ended September 30,:

	2018	2017
Beginning balance at July 1, (1)	\$ —	—7,942
Credit losses on debt securities for which other-than-temporary impairment was not previously recognized	—	—
Reduction for securities sold/ called realized during the quarter	—	—
Additional credit losses on debt securities for which other-than-temporary impairment was previously recognized	—	—
Ending balance at September 30,	\$ —	—7,942
	2018	2017
Beginning balance at January 1, (1)	\$352	7,942
Credit losses on debt securities for which other-than-temporary impairment was not previously recognized	—	—
Reduction for losses realized during the quarter	(352 )	—
Reduction for securities sold/ called realized during the nine months	—	—
Additional credit losses on debt securities for which other-than-temporary impairment was previously recognized	—	—
Ending balance at September 30,	\$—	7,942
(1) The beginning balance represents credit losses included in other-than-temporary impairment charges recognized on debt securities in prior periods.		

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## (3) Loans receivable

The following table shows a summary of our loans receivable at September 30, 2018 and December 31, 2017 (in thousands):

	September 30, 2018			December 31, 2017		
	Originated	Acquired	Total	Originated	Acquired	Total
Personal Banking:						
Residential mortgage loans (1)	\$2,745,190	97,822	2,843,012	2,658,726	113,823	2,772,549
Home equity loans	1,048,373	223,972	1,272,345	1,051,558	258,797	1,310,355
Consumer finance loans (2)	5,888	—	5,888	18,619	—	18,619
Consumer loans	685,252	66,284	751,536	540,832	97,877	638,709
Total Personal Banking	4,484,703	388,078	4,872,781	4,269,735	470,497	4,740,232
Commercial Banking:						
Commercial real estate loans	2,477,581	241,307	2,718,888	2,303,179	296,161	2,599,340
Commercial loans	594,939	51,164	646,103	572,341	60,822	633,163
Total Commercial Banking	3,072,520	292,471	3,364,991	2,875,520	356,983	3,232,503
Total loans receivable, gross	7,557,223	680,549	8,237,772	7,145,255	827,480	7,972,735
Deferred loan costs	32,846	936	33,782	26,255	1,527	27,782
Allowance for loan losses	(51,473 )	(4,502 )	(55,975 )	(50,572 )	(6,223 )	(56,795 )
Undisbursed loan proceeds:						
Residential mortgage loans	(11,335 )	—	(11,335 )	(10,067 )	—	(10,067 )
Commercial real estate loans	(200,152 )	(670 )	(200,822 )	(141,967 )	(2,647 )	(144,614 )
Commercial loans	(62,175 )	(1,160 )	(63,335 )	(51,143 )	(1,284 )	(52,427 )
Total loans receivable, net	\$7,264,934	675,153	7,940,087	6,917,761	818,853	7,736,614

(1) Includes \$0 and \$3.1 million of loans held for sale at September 30, 2018 and December 31, 2017, respectively.

(2) Represents loans from our consumer finance subsidiary that was closed in 2017, which are no longer being originated.

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 (in thousands):

	September 30, 2018	December 31, 2017
Acquired loans evaluated individually for future credit losses:		
Outstanding principal balance	\$ 8,446	9,735
Carrying value	5,871	6,875
Acquired loans evaluated collectively for future credit losses:		
Outstanding principal balance	678,540	824,205
Carrying value	673,784	818,201
Total acquired loans:		
Outstanding principal balance	686,986	833,940
Carrying value	679,655	825,076



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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 (in thousands):

	Total
Balance at December 31, 2016	\$2,187
Accretion	(1,318 )
Net reclassification from nonaccretable yield	671
Balance at December 31, 2017	1,540
Accretion	(588 )
Net reclassification from nonaccretable yield	—
Balance at September 30, 2018	\$952

The following table provides information related to acquired impaired loans by portfolio segment and by class of financing receivable at and for the nine months ended September 30, 2018 (in thousands):

	Carrying value	Outstanding principal balance	Related impairment reserve	Average recorded investment in impaired loans	Interest income recognized
Personal Banking:					
Residential mortgage loans	\$ 1,099	1,741	13	1,140	135
Home equity loans	1,019	1,977	7	1,081	127
Consumer loans	32	95	4	46	31
Total Personal Banking	2,150	3,813	24	2,267	293
Commercial Banking:					
Commercial real estate loans	3,643	4,548	1	4,015	287
Commercial loans	78	85	—	91	8
Total Commercial Banking	3,721	4,633	1	4,106	295
Total	\$ 5,871	8,446	25	6,373	588

The following table provides information related to acquired impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2017 (in thousands):

	Carrying value	Outstanding principal balance	Related impairment reserve	Average recorded investment in impaired loans	Interest income recognized
Personal Banking:					
Residential mortgage loans	\$ 1,182	1,880	24	1,251	181
Home equity loans	1,143	2,219	21	1,253	157
Consumer loans	59	160	4	97	51
Total Personal Banking	2,384	4,259	49	2,601	389
Commercial Banking:					
Commercial real estate loans	4,388	5,363	39	6,992	914
Commercial loans	103	113	—	177	15
Total Commercial Banking	4,491	5,476	39	7,169	929

Total	\$ 6,875	9,735	88	9,770	1,318
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The following table provides information related to the allowance for loan losses by portfolio segment and by class of financing receivable for the quarter ended September 30, 2018 (in thousands):

	Balance September 30, 2018	Current period provision	Charge-offs	Recoveries	Balance June 30, 2018
Originated loans:					
Personal Banking:					
Residential mortgage loans	\$ 4,144	491	(204 )	200	3,657
Home equity loans	3,234	(351 )	(323 )	69	3,839
Consumer finance loans	1,650	(437 )	(445 )	178	2,354
Consumer loans	11,021	4,023	(3,392 )	630	9,760
Total Personal Banking	20,049	3,726	(4,364 )	1,077	19,610
Commercial Banking:					
Commercial real estate loans	25,694	8,723	(4,820 )	772	21,019
Commercial loans	5,730	(3,945 )	(914 )	80	10,509
Total Commercial Banking	31,424	4,778	(5,734 )	852	31,528
Total originated loans	51,473	8,504	(10,098 )	1,929	51,138
Acquired loans:					
Personal Banking:					
Residential mortgage loans	102	(70 )	(10 )	12	170
Home equity loans	408	(173 )	(103 )	22	662
Consumer loans	444	(448 )	(78 )	55	915
Total Personal Banking	954	(691 )	(191 )	89	1,747
Commercial Banking:					
Commercial real estate loans	2,876	(532 )	(39 )	25	3,422
Commercial loans	672	(299 )	(71 )	17	1,025
Total Commercial Banking	3,548	(831 )	(110 )	42	4,447
Total acquired loans	4,502	(1,522 )	(301 )	131	6,194
Total	\$ 55,975	6,982	(10,399 )	2,060	57,332

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The following table provides information related to the allowance for loan losses by portfolio segment and by class of financing receivable for the quarter ended September 30, 2017 (in thousands):

	Balance September 30, 2017	Current period provision	Charge-offs	Recoveries	Balance June 30, 2017
Originated loans:					
Personal Banking:					
Residential mortgage loans	\$ 3,986	(462 )	(211 )	24	4,635
Home equity loans	3,295	615	(285 )	8	2,957
Consumer finance loans	4,876	4,220	(3,891 )	80	4,467
Consumer loans	7,383	4,594	(2,844 )	353	5,280
Total Personal Banking	19,540	8,967	(7,231 )	465	17,339
Commercial Banking:					
Commercial real estate loans	20,174	(2,529 )	(163 )	282	22,584
Commercial loans	11,131	(5,445 )	(204 )	76	16,704
Total Commercial Banking	31,305	(7,974 )	(367 )	358	39,288
Total originated loans	50,845	993	(7,598 )	823	56,627
Acquired loans:					
Personal Banking:					
Residential mortgage loans	77	(11 )	(4 )	7	85
Home equity loans	748	324	(243 )	44	623
Consumer loans	594	106	(158 )	18	628
Total Personal Banking	1,419	419	(405 )	69	1,336
Commercial Banking:					
Commercial real estate loans	3,301	2,433	(1,738 )	160	2,446
Commercial loans	1,362	(818 )	(305 )	9	2,476
Total Commercial Banking	4,663	1,615	(2,043 )	169	4,922
Total acquired loans	6,082	2,034	(2,448 )	238	6,258
Total	\$ 56,927	3,027	(10,046 )	1,061	62,885



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The following table provides information related to the allowance for loan losses by portfolio segment and by class of financing receivable for the nine months ended September 30, 2018 (in thousands):

	Balance September 30, 2018	Current period provision	Charge-offs	Recoveries	Balance December 31, 2017
Originated loans:					
Personal Banking:					
Residential mortgage loans	\$ 4,144	678	(710 )	352	3,824
Home equity loans	3,234	(164 )	(866 )	192	4,072
Consumer finance loans	1,650	(469 )	(2,484 )	635	3,968
Other consumer loans	11,021	9,845	(9,192 )	1,893	8,475
Total Personal Banking	20,049	9,890	(13,252 )	3,072	20,339
Commercial Banking:					
Commercial real estate loans	25,694	10,417	(5,702 )	1,068	19,911
Commercial loans	5,730	(2,912 )	(2,053 )	373	10,322
Total Commercial Banking	31,424	7,505	(7,755 )	1,441	30,233
Total originated loans	51,473	17,395	(21,007 )	4,513	50,572
Acquired loans:					
Personal Banking:					
Residential mortgage loans	102	(38 )	(94 )	103	131
Home equity loans	408	85	(578 )	139	762
Other consumer loans	444	(363 )	(209 )	126	890
Total Personal Banking	954	(316 )	(881 )	368	1,783
Commercial Banking:					
Commercial real estate loans	2,876	(688 )	(147 )	162	3,549
Commercial loans	672	149	(448 )	80	891
Total Commercial Banking	3,548	(539 )	(595 )	242	4,440
Total acquired loans	4,502	(855 )	(1,476 )	610	6,223
Total	\$ 55,975	16,540	(22,483 )	5,123	56,795



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The following table provides information related to the allowance for loan losses by portfolio segment and by class of financing receivable for the nine months ended September 30, 2017 (in thousands):

	Balance September 30, 2017	Current period provision	Charge-offs	Recoveries	Balance December 31, 2016
Originated loans:					
Personal Banking:					
Residential mortgage loans	\$ 3,986	(278 )	(678 )	286	4,656
Home equity loans	3,295	503	(803 )	109	3,486
Consumer finance loans	4,876	6,610	(5,469 )	290	3,445
Other consumer loans	7,383	9,741	(7,912 )	1,025	4,529
Total Personal Banking	19,540	16,576	(14,862 )	1,710	16,116
Commercial Banking:					
Commercial real estate loans	20,174	(3,988 )	(498 )	993	23,667
Commercial loans	11,131	(3,517 )	(1,858 )	996	15,510
Total Commercial Banking	31,305	(7,505 )	(2,356 )	1,989	39,177
Total originated loans	50,845	9,071	(17,218 )	3,699	55,293
Acquired loans:					
Personal Banking:					
Residential mortgage loans	77	130	(199 )	75	71
Home equity loans	748	512	(1,063 )	252	1,047
Other consumer loans	594	405	(689 )	225	653
Total Personal Banking	1,419	1,047	(1,951 )	552	1,771
Commercial Banking:					
Commercial real estate loans	3,301	1,832	(2,206 )	667	3,008
Commercial loans	1,362	1,276	(847 )	66	867
Total Commercial Banking	4,663	3,108	(3,053 )	733	3,875
Total acquired loans	6,082	4,155	(5,004 )	1,285	5,646
Total	\$ 56,927	13,226	(22,222 )	4,984	60,939

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The following table provides information related to the loan portfolio by portfolio segment and by class of financing receivable at September 30, 2018 (in thousands):

	Total loans receivable	Allowance for loan losses	Nonaccrual loans (1)	Loans past due 90 days or more and still accruing (2)	TDRs	Allowance related to TDRs	Additional commitments to customers with loans classified as TDRs
Personal Banking:							
Residential mortgage loans	\$2,846,834	4,246	14,585	—	7,668	778	—
Home equity loans	1,272,345	3,642	7,085	72	2,061	497	4
Consumer finance loans	5,888	1,650	39	—	—	—	—
Consumer loans	770,161	11,465	4,307	123	—	—	—
Total Personal Banking	4,895,228	21,003	26,016	195	9,729	1,275	4
Commercial Banking:							
Commercial real estate loans	2,518,066	28,570	43,023	—	15,667	1,516	208
Commercial loans	582,768	6,402	5,188	—	3,751	276	209
Total Commercial Banking	3,100,834	34,972	48,211	—	19,418	1,792	417
Total	\$7,996,062	55,975	74,227	195	29,147	3,067	421

(1) Includes \$9.8 million of nonaccrual TDRs.

(2) Represents loans 90 days or more past maturity and still accruing.

The following table provides information related to the loan portfolio by portfolio segment and by class of financing receivable at December 31, 2017 (in thousands):

	Total loans receivable	Allowance for loan losses	Nonaccrual loans (1)	Loans past due 90 days or more and still accruing (2)	TDRs	Allowance related to TDRs	Additional commitments to customers with loans classified as TDRs
Personal Banking:							
Residential mortgage loans	\$2,776,203	3,955	14,791	—	8,000	815	—
Home equity loans	1,310,355	4,834	8,907	120	1,716	462	4
Consumer finance loans	18,619	3,968	199	3	—	—	—
Consumer loans	652,770	9,365	4,673	379	—	—	—
Total Personal Banking	4,757,947	22,122	28,570	502	9,716	1,277	4
Commercial Banking:							
Commercial real estate loans	2,454,726	23,460	28,473	—	15,691	1,125	235
Commercial loans	580,736	11,213	7,412	—	6,697	742	8
Total Commercial Banking	3,035,462	34,673	35,885	—	22,388	1,867	243
Total	\$7,793,409	56,795	64,455	502	32,104	3,144	247

(1) Includes \$12.3 million of nonaccrual TDRs.

(2) Represents loans 90 days or more past maturity and still accruing.



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The following table provides information related to the composition of originated impaired loans by portfolio segment and by class of financing receivable at and for the nine months ended September 30, 2018 (in thousands):

	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	\$ 13,154	1,431	505	6,349	21,439	20,499	659
Home equity loans	5,838	1,247	—	1,812	8,897	9,250	375
Consumer finance loan	39	—	—	—	39	25	4
Consumer loans	3,535	772	—	—	4,307	3,835	166
Total Personal Banking	22,566	3,450	505	8,161	34,682	33,609	1,204
Commercial Banking:							
Commercial real estate loans	27,122	15,901	22,583	5,114	70,720	39,985	1,195
Commercial loans	2,714	2,474	223	2,305	7,716	8,910	392
Total Commercial Banking	29,836	18,375	22,806	7,419	78,436	48,895	1,587
Total	\$ 52,402	21,825	23,311	15,580	113,118	82,504	2,791

The following table provides information related to the composition of originated impaired loans by portfolio segment and by class of financing receivable at and for the year ended December 31, 2017 (in thousands):

	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	\$ 13,509	1,282	—	6,814	21,605	21,531	892
Home equity loans	7,251	1,656	—	1,449	10,356	9,150	452
Consumer finance loans	199	—	—	—	199	379	20
Consumer loans	3,617	1,056	—	—	4,673	4,042	188
Total Personal Banking	24,576	3,994	—	8,263	36,833	35,102	1,552
Commercial Banking:							
Commercial real estate loans	15,361	13,112	4,431	4,123	37,027	49,981	1,758
Commercial loans	3,140	4,272	906	2,447	10,765	12,110	672
Total Commercial Banking	18,501	17,384	5,337	6,570	47,792	62,091	2,430
Total	\$ 43,077	21,378	5,337	14,833	84,625	97,193	3,982

At September 30, 2018, we expect to fully 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 our purchased credit impaired loans that are 90 days or more delinquent to be nonaccrual or impaired and continue to recognize interest income on these loans, including the loans' accretable discount.



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The following table provides information related to the evaluation of impaired loans by portfolio segment and by class of financing receivable at September 30, 2018 (in thousands):

	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	\$ 2,838,600	8,234	8,234	795	—
Home equity loans	1,270,284	2,061	2,061	497	—
Consumer finance loans	5,888	—	—	—	—
Consumer loans	770,125	36	36	7	—
Total Personal Banking	4,884,897	10,331	10,331	1,299	—
Commercial Banking:					
Commercial real estate loans	2,462,663	55,403	27,924	2,877	27,479
Commercial loans	577,023	5,745	4,328	475	1,417
Total Commercial Banking	3,039,686	61,148	32,252	3,352	28,896
Total	\$ 7,924,583	71,479	42,583	4,651	28,896

The following table provides information related to the evaluation of impaired loans by portfolio segment and by class of financing receivable at December 31, 2017 (in thousands):

	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	\$ 2,767,635	8,568	8,568	816	—
Home equity loans	1,308,639	1,716	1,716	461	—
Consumer finance loans	18,619	—	—	—	—
Consumer loans	652,685	85	85	25	—
Total Personal Banking	4,747,578	10,369	10,369	1,302	—
Commercial Banking:					
Commercial real estate loans	2,433,755	20,971	18,470	1,859	2,501
Commercial loans	571,412	9,324	8,572	829	752
Total Commercial Banking	3,005,167	30,295	27,042	2,688	3,253
Total	\$ 7,752,745	40,664	37,411	3,990	3,253



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Our loan portfolios include loans that have been modified in a troubled debt restructuring ("TDR"), where 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 may be returned to performing status after considering the borrower's sustained repayment performance for a period of at least nine 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, in accordance with 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.

The following table provides a roll forward of troubled debt restructurings for the periods indicated (dollars in thousands):

	For the quarter ended September 30,			
	2018		2017	
	Number of contracts	Amount	Number of contracts	Amount
Beginning TDR balance:	205	\$30,662	203	\$41,860
New TDRs	7	647	6	546
Re-modified TDRs	3	306	2	265
Net paydowns		(1,215 )		(987 )
Charge-offs:				
Residential mortgage loans	—	—	—	—
Home equity loans	—	—	—	—
Commercial real estate loans	1	(91 )	2	(2,498 )
Commercial loans	5	(619 )	—	—
Paid-off loans:				
Residential mortgage loans	2	(2 )	—	—
Home equity loans	2	(12 )	3	(30 )
Commercial real estate loans	2	(360 )	1	(564 )
Commercial loans	3	(169 )	2	(123 )
Ending TDR balance:	197	\$29,147	201	\$38,469
Accruing TDRs		\$19,370		\$20,660
Non-accrual TDRs		9,777		17,809



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The following table provides a roll forward of troubled debt restructurings for the periods indicated (dollars in thousands):

	For the nine months ended September 30,			
	2018		2017	
	Number of contracts	Amount	Number of contracts	Amount
Beginning TDR balance:	205	\$32,104	225	\$42,926
New TDRs	26	6,443	13	4,685
Re-modified TDRs	3	306	3	710
Net paydowns		(3,037 )		(3,668 )
Charge-offs:				
Residential mortgage loans	1	(135 )	—	—
Home equity loans	—	—	—	—
Commercial real estate loans	2	(294 )	2	(2,498 )
Commercial loans	6	(1,340 )	6	(259 )
Paid-off loans:				
Residential mortgage loans	4	(257 )	—	—
Home equity loans	4	(59 )	8	(62 )
Commercial real estate loans	9	(2,183 )	11	(1,109 )
Commercial loans	8	(2,401 )	10	(2,256 )
Ending TDR balance:	197	\$29,147	201	\$38,469
Accruing TDRs		\$19,370		\$20,660
Non-accrual TDRs		9,777		17,809

The following tables provide information related to troubled debt restructurings (including re-modified TDRs) by portfolio segment and by class of financing receivable during the periods indicated (dollars in thousands):

	For the quarter ended September 30, 2018				For the nine months ended September 30, 2018			
	Number of contracts	Recorded investment at the time of modification	Current recorded investment	Current allowance	Number of contracts	Recorded investment at the time of modification	Current recorded investment	Current allowance
Troubled debt restructurings:								
Personal Banking:								
Residential mortgage loans	2	\$ 342	342	35	6	\$ 616	612	62
Home equity loans	4	194	193	47	12	511	462	113
Total Personal Banking	6	536	535	82	18	1,127	1,074	175
Commercial Banking:								
Commercial real estate loans	3	372	361	42	5	3,255	3,198	97
Commercial loans	1	45	45	5	6	2,367	1,484	21
Total Commercial Banking	4	417	406	47	11	5,622	4,682	118
Total	10	\$ 953	941	129	29	\$ 6,749	5,756	293

During the quarter and nine months ended September 30, 2018, no TDRs modified within the previous twelve months have subsequently defaulted.



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The following tables provide information related to troubled debt restructurings (including re-modified TDRs) by portfolio segment and by class of financing receivable during the periods indicated (dollars in thousands):

	For the quarter ended September 30, 2017			For the nine months ended September 30, 2017				
	Number of contracts at the time of modification	Recorded investment recorded at the time of investment	Current allowance	Number of contracts at the time of modification	Recorded investment recorded at the time of investment	Current allowance		
Troubled debt restructurings:								
Personal Banking:								
Residential mortgage loans	2	\$ 403	402	40	5	\$ 1,297	1,276	128
Home equity loans	2	122	119	30	2	122	119	30
Total Personal Banking	4	525	521	70	7	1,419	1,395	158
Commercial Banking:								
Commercial real estate loans	2	114	116	13	6	3,600	3,282	285
Commercial loans	2	172	170	71	3	376	352	84
Total Commercial Banking	4	286	286	84	9	3,976	3,634	369
Total	8	\$ 811	807	154	16	\$ 5,395	5,029	527
Troubled debt restructurings modified within the previous twelve months that have subsequently defaulted:								
Personal Banking:								
Residential mortgage loans	—	\$ —	—	—	—	\$ —	—	—
Home equity loans	—	—	—	—	—	—	—	—
Total Personal Banking	—	—	—	—	—	—	—	—
Commercial Banking:								
Commercial real estate loans	1	90	90	11	1	90	90	11
Commercial loans	1	150	150	70	1	150	150	70
Total Commercial Banking	2	240	240	81	2	240	240	81
Total	2	\$ 240	240	81	2	\$ 240	240	81

The following table provides information as of September 30, 2018 for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable for modifications during the quarter ended September 30, 2018 (dollars in thousands):

	Type of modification					
	Number of contracts	Rate	Payment	Maturity date	Other	Total
Personal Banking:						
Residential mortgage loans	2	\$ —	—	342		342
Home equity loans	4	193	—	—		193
Total Personal Banking	6	193	—	342	—	535
Commercial Banking:						
Commercial real estate loans	3	—	—	361		361

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Commercial loans	1	—	—	45		45
Total Commercial Banking	4	—	—	406	—	406
Total	10	\$ 193	—	748	—	941

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The following table provides information as of September 30, 2017 for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable for modifications during the quarter ended September 30, 2017 (dollars in thousands):

	Number of contracts	Type of modification				Total
		Rate	Payment	Maturity date	Other	
Personal Banking:						
Residential mortgage loans	2	\$ 250	—	—	152	402
Home equity loans	2	119	—	—	—	119
Total Personal Banking	4	369	—	—	152	521
Commercial Banking:						
Commercial real estate loans	2	—	—	116	—	116
Commercial loans	2	—	—	170	—	170
Total Commercial Banking	4	—	—	286	—	286
Total	8	\$ 369	—	286	152	807

The following table provides information as of September 30, 2018 for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable for modifications during the nine months ended September 30, 2018 (dollars in thousands):

	Number of contracts	Type of modification				Total
		Rate	Payment	Maturity date	Other	
Personal Banking:						
Residential mortgage loans	6	\$7	—	519	86	612
Home equity loans	12	222	—	47	193	462
Total Personal Banking	18	229	—	566	279	1,074
Commercial Banking:						
Commercial real estate loans	5	—	482	361	2,355	3,198
Commercial loans	6	—	—	183	1,301	1,484
Total Commercial Banking	11	—	482	544	3,656	4,682
Total	29	\$229	482	1,110	3,935	5,756

The following table provides information as of September 30, 2017 for troubled debt restructurings (including re-modified TDRs) by type of modification, by portfolio segment and class of financing receivable for modifications during the nine months ended September 30, 2017 (dollars in thousands):

	Number of contracts	Type of modification				Total
		Rate	Payment	Maturity date	Other	
Personal Banking:						
Residential mortgage loans	5	\$360	—	—	916	1,276
Home equity loans	2	119	—	—	—	119
Total Personal Banking	7	479	—	—	916	1,395
Commercial Banking:						
Commercial real estate loans	6	—	2,710	572	—	3,282

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Commercial loans	3	—	—	352	—	352
Total Commercial Banking	9	—	2,710	924	—	3,634
Total	16	\$479	2,710	924	916	5,029

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During the nine months ended September 30, 2018, three commercial banking TDRs were re-modified. During the nine months ended September 30, 2017, three personal banking TDRs were re-modified.

The following table provides information related to loan payment delinquencies at September 30, 2018 (in thousands):

	30-59 Days delinquent	60-89 Days delinquent	90 Days or greater delinquent	Total delinquency	Current	Total loans receivable	90 Days or greater delinquent and accruing (1)
Originated loans:							
Personal Banking:							
Residential mortgage loans	\$ 1,404	4,392	11,695	17,491	2,731,521	2,749,012	—
Home equity loans	4,622	2,118	5,013	11,753	1,036,620	1,048,373	—
Consumer finance loans	632	234	39	905	4,983	5,888	—
Consumer loans	7,893	3,032	3,166	14,091	688,850	702,941	—
Total Personal Banking	14,551	9,776	19,913	44,240	4,461,974	4,506,214	—
Commercial Banking:							
Commercial real estate loans	2,329	5,370	21,771	29,470	2,247,959	2,277,429	—
Commercial loans	340	807	2,112	3,259	529,505	532,764	—
Total Commercial Banking	2,669	6,177	23,883	32,729	2,777,464	2,810,193	—
Total originated loans	17,220	15,953	43,796	76,969	7,239,438	7,316,407	—
Acquired loans:							
Personal Banking:							
Residential mortgage loans	96	312	1,788	2,196	95,626	97,822	329
Home equity loans	1,051	418	825	2,294	221,678	223,972	—
Consumer loans	515	219	375	1,109	66,111	67,220	6
Total Personal Banking	1,662	949	2,988	5,599	383,415	389,014	335
Commercial Banking:							
Commercial real estate loans	3,057	1,308	5,457	9,822	230,815	240,637	106
Commercial loans	282	297	602	1,181	48,823	50,004	—
Total Commercial Banking	3,339	1,605	6,059	11,003	279,638	290,641	106
Total acquired loans	5,001	2,554	9,047	16,602	663,053	679,655	441
Total loans	\$ 22,221	18,507	52,843	93,571	7,902,491	7,996,062	441

Represents acquired loans that were originally recorded at fair value upon acquisition. These loans are considered 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.

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The following table provides information related to loan payment delinquencies at December 31, 2017 (in thousands):

	30-59 Days delinquent	60-89 Days delinquent	90 Days or greater delinquent	Total delinquency	Current	Total loans receivable	90 Days or greater delinquent and accruing (1)
Originated loans:							
Personal Banking:							
Residential mortgage loans	\$ 23,786	6,030	12,613	42,429	2,619,951	2,662,380	—
Home equity loans	6,094	2,333	6,043	14,470	1,037,088	1,051,558	—
Consumer finance loans	2,128	1,113	199	3,440	15,179	18,619	—
Consumer loans	9,762	2,834	3,274	15,870	537,496	553,366	—
Total Personal Banking	41,770	12,310	22,129	76,209	4,209,714	4,285,923	—
Commercial Banking:							
Commercial real estate loans	5,520	2,133	10,629	18,282	2,142,930	2,161,212	—
Commercial loans	1,469	204	2,806	4,479	516,719	521,198	—
Total Commercial Banking	6,989	2,337	13,435	22,761	2,659,649	2,682,410	—
Total originated loan	48,759	14,647	35,564	98,970	6,869,363	6,968,333	—
Acquired loans:							
Personal Banking:							
Residential mortgage loans	1,998	205	1,277	3,480	110,343	113,823	381
Home equity loans	1,367	538	1,306	3,211	255,586	258,797	98
Consumer loans	1,150	517	353	2,020	97,384	99,404	10
Total Personal Banking	4,515	1,260	2,936	8,711	463,313	472,024	489
Commercial Banking:							
Commercial real estate loans	2,795	406	5,655	8,856	284,658	293,514	923
Commercial loans	396	237	334	967	58,571	59,538	—
Total Commercial Banking	3,191	643	5,989	9,823	343,229	353,052	923
Total acquired loan	7,706	1,903	8,925	18,534	806,542	825,076	1,412
Total	\$ 56,465	16,550	44,489	117,504	7,675,905	7,793,409	1,412

(1) Represents acquired loans that were originally recorded at fair value upon acquisition. These loans are considered to be accruing because we can reasonably estimate future cash flows 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.

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 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 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.

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**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 possible in the future.

The following table sets forth information about credit quality indicators updated during the quarter ended September 30, 2018 (in thousands):

	Pass	Special mention	Substandard	Doubtful	Loss	Total loans receivable
<b>Originated loans:</b>						
<b>Personal Banking:</b>						
Residential mortgage loans	\$2,739,243	—	9,769	—	—	2,749,012
Home equity loans	1,042,627	—	5,746	—	—	1,048,373
Consumer finance loans	5,849	—	39	—	—	5,888
Consumer loans	699,033	—	3,908	—	—	702,941
Total Personal Banking	4,486,752	—	19,462	—	—	4,506,214
<b>Commercial Banking:</b>						
Commercial real estate loans	2,083,302	47,983	146,144	—	—	2,277,429
Commercial loans	487,143	21,120	24,501	—	—	532,764
Total Commercial Banking	2,570,445	69,103	170,645	—	—	2,810,193
Total originated loans	7,057,197	69,103	190,107	—	—	7,316,407
<b>Acquired loans:</b>						
<b>Personal Banking:</b>						
Residential mortgage loans	96,563	—	1,259	—	—	97,822
Home equity loans	222,610	—	1,362	—	—	223,972
Consumer loans	66,673	—	547	—	—	67,220
Total Personal Banking	385,846	—	3,168	—	—	389,014
<b>Commercial Banking:</b>						
Commercial real estate loans	199,850	5,546	35,241	—	—	240,637
Commercial loans	39,441	3,640	6,923	—	—	50,004
Total Commercial Banking	239,291	9,186	42,164	—	—	290,641
Total acquired loans	625,137	9,186	45,332	—	—	679,655
Total loans	\$7,682,334	78,289	235,439	—	—	7,996,062



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The following table sets forth information about credit quality indicators, which were updated during the year ended December 31, 2017 (in thousands):

	Pass	Special mention	Substandard	Doubtful	Loss	Total loans receivable
Originated loans:						
Personal Banking:						
Residential mortgage loans	\$2,645,475	—	16,905	—	—	2,662,380
Home equity loans	1,042,965	—	8,593	—	—	1,051,558
Consumer finance loans	18,420	—	199	—	—	18,619
Consumer loans	549,550	—	3,816	—	—	553,366
Total Personal Banking	4,256,410	—	29,513	—	—	4,285,923
Commercial Banking:						
Commercial real estate loans	1,964,565	78,699	117,948	—	—	2,161,212
Commercial loans	461,962	15,510	43,726	—	—	521,198
Total Commercial Banking	2,426,527	94,209	161,674	—	—	2,682,410
Total originated loans	6,682,937	94,209	191,187	—	—	6,968,333
Acquired loans:						
Personal Banking:						
Residential mortgage loans	112,990	—	833	—	—	113,823
Home equity loans	257,312	—	1,485	—	—	258,797
Consumer loans	98,659	—	745	—	—	99,404
Total Personal Banking	468,961	—	3,063	—	—	472,024
Commercial Banking:						
Commercial real estate loans	251,761	4,838	36,915	—	—	293,514
Commercial loans	49,073	3,787	6,678	—	—	59,538
Total Commercial Banking	300,834	8,625	43,593	—	—	353,052
Total acquired loans	769,795	8,625	46,656	—	—	825,076
Total	\$7,452,732	102,834	237,843	—	—	7,793,409

## (4) Goodwill and Other Intangible Assets

The following table provides information for intangible assets subject to amortization at the dates indicated (in thousands):

	September 30, 2018	December 31, 2017
Amortizable intangible assets:		
Core deposit intangibles — gross	\$ 63,685	63,685
Less: accumulated amortization	(43,886)	(40,029)
Core deposit intangibles — net	19,799	23,656
Customer and Contract intangible assets — gross	10,474	10,474
Less: accumulated amortization	(9,106)	(8,461)
Customer and Contract intangible assets — net	\$ 1,368	2,013



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The following table shows the actual aggregate amortization expense for the quarters ended September 30, 2018 and 2017, as well as the estimated aggregate amortization expense, based upon current levels of intangible assets, for the current fiscal year and each of the five succeeding fiscal years (in thousands):

For the quarter ended September 30, 2018	\$1,462
For the quarter ended September 30, 2017	1,691
For the nine months ended September 30, 2018	4,502
For the nine months ended September 30, 2017	5,189
For the year ending December 31, 2018	5,848
For the year ending December 31, 2019	4,933
For the year ending December 31, 2020	4,017
For the year ending December 31, 2021	3,188
For the year ending December 31, 2022	2,456
For the year ending December 31, 2023	1,847

The following table provides information for the changes in the carrying amount of goodwill (in thousands):

	Total
Balance at December 31, 2016	\$307,420
Goodwill from acquisition	—
Balance at December 31, 2017	307,420
Goodwill from acquisition	—
Balance at September 30, 2018	\$307,420

We performed our annual goodwill impairment test as of June 30, 2018 using Accounting Standard Codification 350, ("Step 0"), as updated by ASU 2017-04 and concluded that goodwill was not impaired. As of September 30, 2018, there were no changes in our operations that would cause us to update that goodwill impairment test.

## (5) Borrowed Funds

### Borrowings

Borrowings from the Federal Home Loan Bank of Pittsburgh ("FHLB"), if any, 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 carries a commitment of \$150.0 million. The rate is adjusted daily by the FHLB, and any borrowings on this line may be repaid at any time without penalty. At September 30, 2018 and December 31, 2017 the balance of the revolving line of credit was \$85.2 million and \$0, respectively.

At September 30, 2018 and December 31, 2017 collateralized borrowings, due within one year, were \$91.8 million, and \$108.2 million, respectively. These borrowings are collateralized by cash or various securities held in safekeeping by the FHLB.

### Trust Preferred Securities

We have 3 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 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. 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, 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%. LNB Trust II has 7,875 cumulative trust preferred

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securities outstanding (liquidation value of \$1,000 per preferred security or \$7,875,000) with a stated maturity of June 15, 2037 and a floating rate of interest, which resets quarterly, equal to three-month LIBOR plus 1.48%. 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 September 30, 2018 was 3.78%. 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 September 30, 2018 was 3.71%. LNB Trust II holds \$8,119,000 of the Company's junior subordinated debentures due June 15, 2037, with a floating rate of interest, reset quarterly, of three-month LIBOR plus 1.48%. The rate in effect at September 30, 2018 was 3.81%.

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;
- the trust to register as an investment company; or
- 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.

## (6) Guarantees

We issue standby letters of credit in the normal course of business. Standby letters of credit are conditional commitments issued by the Company 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 loan underwriting procedures. Collateral may be obtained based on management's credit assessment of the customer. At September 30, 2018, the maximum potential amount of future payments we could be required to make under these non-recourse standby letters of credit was \$33.8 million, of which \$27.3 million is fully collateralized. At

September 30, 2018, we had a liability, which represents deferred income, of \$133,000 related to the standby letters of credit.

(7) 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 the earnings of the Company. All stock options outstanding during the quarter ended September 30, 2018 and 2017, were included in the computation of diluted earnings per share because the options' exercise price was less than the average market price of the common shares of \$18.01 and \$16.26, respectively. All stock options outstanding during the nine months ended September 30, 2018 and 2017, were included in the computation of diluted earnings per share because the options' exercise price was less than the average market price of the common shares of \$17.30 and \$16.58, respectively.

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The computation of basic and diluted earnings per share follows (in thousands, except share data and per share amounts):

	Quarter ended September 30,		Nine months ended September 30,	
	2018	2017	2018	2017
Reported net income	\$27,740	23,591	79,024	72,319
Weighted average common shares outstanding	102,334,954	101,163,534	101,937,338	100,921,322
Dilutive potential shares due to effect of stock options	1,607,741	1,400,942	1,566,731	1,617,020
Total weighted average common shares and dilutive potential shares	103,942,695	102,564,476	103,504,069	102,538,342
Basic earnings per share:	\$0.27	0.23	0.78	0.72
Diluted earnings per share:	\$0.27	0.23	0.76	0.71

## (8) Pension and Other Post-retirement Benefits

The following table sets forth the net periodic costs for the defined benefit pension plans and post retirement healthcare plans for the periods indicated (in thousands):

	Quarter ended September 30,			
	Pension benefits		Other post-retirement benefits	
	2018	2017	2018	2017
Service cost	\$1,716	1,537	—	—
Interest cost	1,678	1,719	14	17
Expected return on plan assets	(2,992 )	(2,628 )	—	—
Amortization of prior service cost	(581 )	(580 )	—	—
Amortization of the net loss	872	928	24	27
Net periodic cost	\$693	976	38	44
	Nine months ended September 30,			
	Pension benefits		Other post-retirement benefits	
	2018	2017	2018	2017
Service cost	\$5,148	4,612	—	—
Interest cost	5,034	5,159	41	51
Expected return on plan assets	(8,976 )	(7,884 )	—	—
Amortization of prior service cost	(1,742 )	(1,742 )	—	—
Amortization of the net loss	2,617	2,783	73	81
Net periodic cost	\$2,081	2,928	114	132

We anticipate making a contribution to our defined benefit pension plan of \$4.0 million to \$6.0 million during the year ending December 31, 2018.

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### (9)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;

• 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.

Equity securities - available for sale - Publicly traded securities valued using quoted market prices are classified as Level 1. 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.

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### Loans Held for Sale

The estimated fair value of loans held for sale is based on market bids obtained from potential buyers.

### Loans Held for Investment

With the adoption of ASU 2016-01 on January 1, 2018, we refined our methodology to estimate the fair value of our loan portfolio to use the exit price notion as required by the guidance, which was applied on a prospective basis resulting in prior-periods no longer being comparable.

The fair value of the loans is estimated using a discounted cash flow analysis that utilizes interest rates currently being offered for similar loans adjusted for liquidity and credit risk.

### Federal Home Loan Bank ("FHLB") Stock

Due to the restrictions placed on transferability, FHLB stock is classified as Level 3.

### Borrowed Funds

Fixed rate advances are valued by comparing their contractual cost to the prevailing market cost. The carrying amount of collateralized borrowings approximates the 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 and Foreign Exchange Swap Agreements ("swaps")

The fair value of the interest rate swaps is based upon the present value of the expected future cash flows using the LIBOR swap curve, the basis for the underlying interest rate. To price interest rate swaps, cash flows are first projected for each payment date using the fixed rate for the fixed side of the swap and the forward rates for the floating side of the swap. These swap cash flows are then discounted to time zero using LIBOR zero-coupon interest rates. The sum of the present value of both legs is the fair market value of the interest rate swap. These valuations have been derived from our third party vendor's proprietary models rather than actual market quotations. The proprietary models are based upon financial principles and assumptions that we believe to be reasonable. The fair value of the foreign exchange swap is derived from proprietary models rather than actual market quotations. The proprietary models are based upon financial principles and assumptions we believe to be reasonable.

### 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 September 30, 2018 and December 31, 2017, there was no significant unrealized appreciation or depreciation on these financial instruments.



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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 September 30, 2018 (in thousands):

	Carrying amount	Estimated fair value	Level 1	Level 2	Level 3
Financial assets:					
Cash and cash equivalents	\$73,946	73,946	73,946	—	—
Securities available-for-sale	811,556	811,556	—	811,556	—
Securities held-to-maturity	24,222	23,534	—	23,534	—
Loans receivable, net	7,940,087	7,721,559	—	—	7,721,559
Accrued interest receivable	25,798	25,798	25,798	—	—
Interest rate swaps	4,386	4,386	—	4,386	—
FHLB Stock	15,452	15,452	—	—	15,452
Total financial assets	\$8,895,447	8,676,231	99,744	839,476	7,737,011
Financial liabilities:					
Savings and checking deposits	\$6,550,748	6,550,748	6,550,748	—	—
Time deposits	1,403,205	1,431,500	—	—	1,431,500
Borrowed funds	179,117	179,111	179,111	—	—
Junior subordinated debentures	111,213	104,609	—	—	104,609
Interest rate swaps	4,479	4,479	—	4,479	—
Accrued interest payable	627	627	627	—	—
Total financial liabilities	\$8,249,389	8,271,074	6,730,486	4,479	1,536,109

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, 2017 (in thousands):

	Carrying amount	Estimated fair value	Level 1	Level 2	Level 3
Financial assets:					
Cash and cash equivalents	\$77,710	77,710	77,710	—	—
Securities available-for-sale	792,535	792,535	574	791,961	—
Securities held-to-maturity	29,678	29,667	—	29,667	—
Loans receivable, net	7,736,614	7,762,562	3,128	—	7,759,434
Accrued Interest Receivable	23,352	23,352	23,352	—	—
Interest rate swaps	214	214	—	214	—
FHLB Stock	11,733	11,733	—	—	11,733
Total financial assets	\$8,671,836	8,697,773	104,764	821,842	7,771,167
Financial liabilities:					
Savings and checking accounts	\$6,414,366	6,414,366	6,414,366	—	—
Time deposits	1,412,623	1,433,380	—	—	1,433,380
Borrowed funds	108,238	108,238	108,238	—	—
Junior subordinated debentures	111,213	110,954	—	—	110,954
Interest rate swaps	1,278	1,278	—	1,278	—
Foreign exchange swaps	61	61	—	61	—
Accrued interest payable	460	460	460	—	—
Total financial liabilities	\$8,048,239	8,068,737	6,523,064	1,339	1,544,334



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Fair value estimates are made at a point-in-time, based on relevant market data and information about the instrument. The methods and assumptions detailed above were used in estimating the fair value of financial instruments at both September 30, 2018 and December 31, 2017. There were no transfers of financial instruments between Level 1 and Level 2 during the quarter ended September 30, 2018.

The following table represents assets and liabilities measured at fair value on a recurring basis at September 30, 2018 (in thousands):

	Level 1	Level 2	Level 3	Total assets at fair value
Debt securities:				
U.S. government and agencies	\$	—14,695	—	14,695
Government sponsored enterprises	—	186,445	—	186,445
States and political subdivisions	—	24,744	—	24,744
Corporate	—	912	—	912
Total debt securities	—	226,796	—	226,796
Residential mortgage-backed securities:				
GNMA	—	27,820	—	27,820
FNMA	—	71,251	—	71,251
FHLMC	—	53,907	—	53,907
Non-agency	—	535	—	535
Collateralized mortgage obligations:				
GNMA	—	53,969	—	53,969
FNMA	—	205,066	—	205,066
FHLMC	—	172,212	—	172,212
Non-agency	—	—	—	—
Total mortgage-backed securities	—	584,760	—	584,760
Interest rate swaps	—	4,386	—	4,386
Total Assets	\$	—815,942	—	815,942
Interest rate swaps	\$	—4,479	—	4,479
Total Liabilities	\$	—4,479	—	4,479

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The following table represents assets and liabilities measured at fair value on a recurring basis at December 31, 2017 (in thousands):

	Level 1	Level 2	Level 3	Total assets at fair value
Equity securities	\$ 574	—	—	574
Debt securities:				
U.S. government and agencies	—	1	—	1
Government sponsored enterprises	—	209,269	—	209,269
States and political subdivisions	—	51,056	—	51,056
Corporate	—	909	—	909
Total debt securities	—	261,235	—	261,235
Residential mortgage-backed securities:				
GNMA	—	29,695	—	29,695
FNMA	—	82,969	—	82,969
FHLMC	—	64,021	—	64,021
Non-agency	—	555	—	555
Collateralized mortgage obligations:				
GNMA	—	4,769	—	4,769
FNMA	—	191,512	—	191,512
FHLMC	—	157,190	—	157,190
Non-agency	—	15	—	15
Total mortgage-backed securities	—	530,726	—	530,726
Interest rate swaps	—	214	—	214
Total Assets	\$ 574	792,175	—	792,749
Interest rate swaps	\$ —	1,278	—	1,278
Foreign exchange swaps	—	61	—	61
Total Liabilities	\$ —	1,339	—	1,339

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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 periods indicated (in thousands):

	Quarter ended September 30, 2018	Quarter ended September 30, 2017	Nine months ended September 30, 2018	Nine months ended September 30, 2017
Beginning balance January 1,	\$ —	\$ —	\$ —	\$ —
Total net realized investment gains/ (losses) and net change in unrealized appreciation/ (depreciation):				
Included in net income as OTTI	—	—	—	—
Included in other comprehensive income	—	21	—	1,293
Purchases	—	—	—	—
Sales	—	—	—	—
Transfers in to Level 3	—	—	—	—
Transfers out of Level 3	—	—	—	—
Ending balance September 30,	\$ —	\$ —	\$ —	\$ —

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 September 30, 2018 (in thousands):

	Level 1	Level 2	Level 3	Total assets at fair value
Loans measured for impairment \$	—	—	37,932	37,932
Real estate owned	—	—	2,486	2,486
Total assets	\$	—	40,418	40,418

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, 2017 (in thousands):

	Level 1	Level 2	Level 3	Total assets at fair value
Loans measured for impairment \$	—	—	33,421	33,421
Real estate owned	—	—	5,666	5,666
Total assets	\$	—	39,087	39,087

Impaired loans — A loan is considered to be impaired as described in Note 1 of the Notes to Consolidated Financial Statements in Item 8 of Part II of our 2017 Annual Report on Form 10-K. We classify loans individually evaluated for impairment that require a specific reserve 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.

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The 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 September 30, 2018 (dollar amounts in thousands):

	Fair value	Valuation techniques	Significant unobservable inputs	Range (weighted average)
Loans measured for impairment	37,932	Appraisal value (1) Discounted cash flow	Estimated cost to sell Discount rate	10.0% 4.25% to 10.0% (7.50%)

Real estate owned	2,486	Appraisal value (1)	Estimated cost to sell	10.0%
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Fair value is generally determined through independent appraisals of the underlying collateral, which may include (1) Level 3 inputs that are not identifiable, or by using the discounted cash flow method if the loan is not collateral dependent.

**(10) Derivative Financial Instruments**

We are a party to derivative financial instruments in the normal course of business to manage our own exposure to fluctuations in interest rates and to meet the needs of our customers. The primary derivatives that we use are interest rate swaps and caps and foreign exchange contracts, which are entered into with counterparties that meet established credit standards. We believe that the credit risk inherent in all of our derivative contracts is minimal based on our credit standards and the netting and collateral provisions of the interest rate swap agreements.

**Derivatives Designated as Hedging Instruments**

We are currently a counterparty to one interest rate swap agreement ("swap") which is designated as a cash flow hedge. The swap is intended to protect against the variability of cash flows associated with Northwest Bancorp Capital Trust IV and modifies its re-pricing characteristics, wherein for 10 years expiring in December 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 agreement was entered into with a counterparty that met our credit standards and the agreement contains collateral provisions protecting the at-risk party. We believe that the credit risk inherent in the contract is not significant. At September 30, 2018, \$255,000 of cash was pledged as collateral to the counterparty.

This cash flow hedge is recorded within other liabilities on the consolidated statement of financial condition at their estimated fair value. At September 30, 2018, the fair value of the swap agreements was \$(93,000). There was no material hedge ineffectiveness for the swap discussed above.

**Derivatives Not Designated as Hedging Instruments**

In addition to our derivatives designated in hedge relationships, we act as an interest rate or foreign exchange swap counterparty for certain commercial borrowers in the normal course of servicing our customers, which are accounted for at fair value. We manage our exposure to such interest rate or foreign exchange swaps by entering into corresponding and offsetting interest rate swaps with third parties that mirror the terms of the swaps we have with the commercial borrowers. These positions (referred to as "customer swaps") directly offset each other and our exposure is the fair value of the derivatives due to changes in credit risk of our commercial borrowers and third parties. Customer swaps are recorded within other assets or other liabilities on the consolidated statement of financial condition at their estimated fair value. Changes to the fair value of assets and liabilities arising from these derivatives are included, net,

in other operating income in the consolidated statement of income.

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The following table presents information regarding our derivative financial instruments for the periods indicated:

	Asset Derivatives		Liability Derivatives	
	Notional Amount	Fair Value	Notional Amount	Fair Value
At September 30, 2018				
Derivatives designed as hedging instruments:				
Interest rate swap agreements	\$—	—	25,000	93
Derivatives not designed as hedging instruments:				
Interest rate swap agreements	209,353	4,386	209,353	4,386
Total derivatives	\$209,353	4,386	234,353	4,479
At December 31, 2017				
Derivatives designed as hedging instruments:				
Interest rate swap agreements	\$—	—	50,000	1,064
Derivatives not designed as hedging instruments:				
Interest rate swap agreements	92,631	214	92,631	214
Foreign exchange swap agreements	—	—	12,344	61
Total derivatives	\$92,631	214	154,975	1,339

The following table presents income or expense recognized on derivatives for the periods indicated:

	For the quarter ended September 30, 2018		For the nine months ended September 30, 2017	
Hedging interest rate derivatives:				
Increase in interest expense	257	393	857	1,216
Non-hedging swap derivatives:				
Increase/ (decrease) in other income	—	99	(288)	333

(11) 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 September 30, 2018 we have not accrued for any 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.



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## (12) Changes in Accumulated Other Comprehensive Income/ (Loss)

The following table shows the changes in accumulated other comprehensive income by component for the periods indicated (in thousands):

	For the quarter ended September 30, 2018			
	Unrealized gains and (losses) on fair value of securities available- for-sale	Change in interest rate swaps	Change in defined benefit pension plans	Total
Balance as of June 30, 2018	\$(10,693)	(266 )	(32,134 )	(43,093 )
Other comprehensive income/ (loss) before reclassification adjustments	(1,970 )	192	—	(1,778 )
Amounts reclassified from accumulated other comprehensive income (1), (2)	(44 )	—	226	182
Net other comprehensive income/ (loss)	(2,014 )	192	226	(1,596 )
Balance as of September 30, 2018	\$(12,707)	(74 )	(31,908 )	(44,689 )

	For the quarter ended September 30, 2017			
	Unrealized gains and (losses) on fair value of securities available- for-sale	Change in interest rate swaps	Change in defined benefit pension plans	Total
Balance as of June 30, 2017	\$2,276	(1,257 )	(26,167 )	(25,148 )
Other comprehensive income before reclassification adjustments	(264 )	258	—	(6 )
Amounts reclassified from accumulated other comprehensive income (3), (4)	(674 )	—	221	(453 )
Net other comprehensive income	(938 )	258	221	(459 )
Balance as of September 30, 2017	\$1,338	(999 )	(25,946 )	(25,607 )

(1) Consists of realized gain on securities (gain on sales of investments, net) of \$61, net of tax (income tax expense) of \$(17).

(2) Consists of amortization of prior service cost (compensation and employee benefits) of \$581 and amortization of net loss (compensation and employee benefits) of \$(897), net of tax (income tax expense) of \$90.

(3) Consists of realized gain on securities (gain on sales of investments, net) of \$1,043, net of tax (income tax expense) of \$(369).

(4) Consists of amortization of prior service cost (compensation and employee benefits) of \$580 and amortization of net loss (compensation and employee benefits) of \$(954), net of tax (income tax expense) of \$153.



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	For the nine months ended September 30, 2018			
	Unrealized gains and (losses) on securities available-for-sale	Change in fair value of interest rate swaps	Change in defined benefit pension plans	Total
Balance as of December 31, 2017	\$(4,409 )	(691 )	(26,980 )	(32,080 )
Reclassification due to adoption of ASU No. 2018-02	(991 )	(149 )	(5,606 )	(6,746 )
Other comprehensive income/ (loss) before reclassification adjustments	(7,169 )	766	—	(6,403 )
Amounts reclassified from accumulated other comprehensive income (1), (2)	(138 )	—	678	540
Net other comprehensive income/ (loss)	(7,307 )	766	678	(5,863 )
Balance as of September 30, 2018	\$(12,707 )	(74 )	(31,908 )	(44,689 )

	For the nine months ended September 30, 2017			
	Unrealized gains and (losses) on securities available-for-sale	Change in fair value of interest rate swaps	Change in defined benefit pension plans	Total
Balance as of December 31, 2016	\$395	(1,778 )	(26,608 )	(27,991 )
Other comprehensive income before reclassification adjustments	1,684	779	—	2,463
Amounts reclassified from accumulated other comprehensive income (3), (4)	(741 )	—	662	(79 )
Net other comprehensive income	943	779	662	2,384
Balance as of September 30, 2017	\$1,338	(999 )	(25,946 )	(25,607 )

- (1) Consists of realized gains on securities (loss on sales of investments, net) of \$192, net of tax (income tax expense) of \$54.
- (2) Consists of amortization of prior service cost (compensation and employee benefits) of \$1,742 and amortization of net loss (compensation and employee benefits) of \$(2,691), net of tax (income tax expense) of \$271.
- (3) Consists of realized gains on securities (gain on sales of investments, net) of \$1,157, net of tax (income tax expense) of \$(416).
- (4) Consists of amortization of prior service cost (compensation and employee benefits) of \$1,742 and amortization of net loss (compensation and employee benefits) of \$(2,864), net of tax (income tax expense) of \$460.



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

Forward-Looking Statements:

In addition to historical information, this document may contain certain forward-looking statements, as defined in the Private Securities Litigation Reform Act of 1995. These forward-looking statements contained herein are subject to certain risks and uncertainties that could cause actual results to differ materially from those expressed or implied in the forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements, as they reflect management's analysis only as of the date of this report. We have no obligation to revise or update these forward-looking statements to reflect events or circumstances that arise after the date of this report.

Important factors that might cause such a difference include, but are not limited to:

- 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 different than expected;
- 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;
- cyber-security concerns, including an interruption or breach in the security of our website or other information systems;
- technological changes that may be more difficult or expensive than expected;
- the ability of third-party providers to perform their obligations to us;
- competition among depository and other financial institutions;
- our ability to enter new markets successfully and capitalize on growth opportunities;
- managing our internal growth and our ability to successfully integrate acquired entities, businesses or branch offices;
- changes in consumer spending, borrowing and savings habits;
- our ability to continue to increase and manage our commercial 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;
- our ability to receive regulatory approvals for proposed transactions or new lines of business;
- 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.

Overview of Critical Accounting Policies Involving Estimates

Please refer to Note 1 of the Notes to Consolidated Financial Statements in Item 8 of Part II of our 2017 Annual Report on Form 10-K.



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### Comparison of Financial Condition

Total assets at September 30, 2018 were \$9.575 billion, an increase of \$211.4 million, or 2.3%, from \$9.364 billion at December 31, 2017. This increase in assets was due primarily to a \$203.5 million, or 2.6%, increase in net loans receivable and a \$9.8 million, or 1.1%, increase in cash and investments. This increase was funded by a \$127.0 million, or 1.6%, increase in deposits and a \$70.9 million, or 65.5%, increase in borrowed funds.

Total loans receivable increased by \$202.7 million, or 2.6%, to \$7.996 billion at September 30, 2018, from \$7.793 billion at December 31, 2017 due primarily to an increase in our personal banking loan portfolio of \$137.3 million, or 2.9%, to \$4.895 billion at September 30, 2018 from \$4.758 billion at December 31, 2017. This increase was due primarily to lower sales of residential mortgage loans into the secondary market and our continued emphasis on indirect retail lending through dealer channels. Additionally, our commercial banking loan portfolio increased by \$65.4 million, or 2.2%, to \$3.101 billion at September 30, 2018 from \$3.035 billion at December 31, 2017, as we continue to emphasize the expansion of commercial relationships.

Total deposits increased by \$127.0 million, or 1.6%, to \$7.954 billion at September 30, 2018 from \$7.827 billion at December 31, 2017. Noninterest-bearing demand deposits increased by \$113.8 million, or 7.1%, to \$1.724 billion at September 30, 2018 from \$1.610 billion at December 31, 2017. In addition, interest-bearing demand deposits increased by \$56.4 million, or 3.9%, to \$1.499 billion at September 30, 2018 from \$1.443 billion at December 31, 2017. These increases are due primarily to our continued efforts to attract low cost accounts to whom we can also cross-sell other products and services. Partially offsetting these increases was a decrease in money market demand accounts of \$30.6 million, or 1.8%, to \$1.677 billion at September 30, 2018 from \$1.707 billion at December 31, 2017. Savings deposits decreased by \$3.2 million, or 0.2%, to \$1.650 billion at September 30, 2018 from \$1.654 billion at December 31, 2017. Additionally, time deposits decreased by \$9.4 million, or 0.7%, to \$1.403 billion at September 30, 2018 from \$1.413 billion at December 31, 2017. As a result of recent increases in market interest rates competition has intensified for interest rate sensitive customers.

Total shareholders' equity at September 30, 2018 was \$1.241 billion, or \$12.01 per share, an increase of \$33.0 million, or 2.7%, from \$1.208 billion, or \$11.79 per share, at December 31, 2017. This increase in equity was primarily the result of net income of \$79.0 million for the nine months ended September 30, 2018. Partially offsetting this increase was the payment of cash dividends of \$52.4 million during the nine months ended September 30, 2018.

### Regulatory Capital

Financial institutions and their holding companies are subject to various regulatory capital requirements. 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 a company's financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, financial institutions must meet specific capital guidelines that involve quantitative measures of its assets, liabilities and certain off-balance sheet items as calculated under regulatory accounting guidelines. Capital amounts and classifications are also subject to qualitative judgments made by the regulators about components, risk-weighting 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. 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 Total, Tier 1 and Common Equity Tier 1 ("CET1") capital to risk-weighted assets in addition to the amount necessary to meet its minimum risk-based capital

requirements.

The capital conservation buffer requirement is being phased in beginning on January 1, 2016 and ending on January 1, 2019, when the full capital conservation buffer requirement will be effective.

Quantitative measures, established by regulation to ensure capital adequacy, require financial institutions to maintain minimum amounts and ratios (set forth in the table below) of Total, CET1 and Tier 1 capital (as defined in the regulations) to risk-weighted assets (as defined), and of Tier 1 capital to average assets (as defined). Capital ratios are presented in the tables below. Dollar amounts in the accompanying tables are in thousands.

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As a result of the recently enacted Economic Growth, Regulatory Relief, and Consumer Protection Act, the federal banking agencies are required to develop a “Community Bank Leverage Ratio” (the ratio of a bank’s tangible equity capital to average total consolidated assets) for financial institutions with assets of less than \$10 billion. A “qualifying community bank” that exceeds this ratio will be deemed to be in compliance with all other capital and leverage requirements, including the capital requirements to be considered “well capitalized” under Prompt Corrective Action statutes. The federal banking agencies may consider a financial institution’s risk profile when evaluating whether it qualifies as a community bank for purposes of the capital ratio requirement. The federal banking agencies must set the minimum capital for the new Community Bank Leverage Ratio at not less than 8% and not more than 10%. A financial institution can elect to be subject to this new definition.

## At September 30, 2018

	Actual		Minimum capital requirements (1)		Well capitalized requirements	
	Amount	Ratio	Amount	Ratio	Amount	Ratio
Total capital (to risk weighted assets)						
Northwest Bancshares, Inc.	\$1,180,181	15.961 %	\$730,192	9.875 %	\$739,435	10.000 %
Northwest Bank	1,109,432	15.015 %	729,648	9.875 %	738,884	10.000 %
Tier 1 capital (to risk weighted assets)						
Northwest Bancshares, Inc.	1,124,206	15.204 %	582,305	7.875 %	591,548	8.000 %
Northwest Bank	1,053,457	14.257 %	581,871	7.875 %	591,108	8.000 %
CET1 capital (to risk weighted assets)						
Northwest Bancshares, Inc.	1,016,331	13.745 %	471,389	6.375 %	480,632	6.500 %
Northwest Bank	1,053,457	14.257 %	471,039	6.375 %	480,275	6.500 %
Tier 1 capital (leverage) (to average assets)						
Northwest Bancshares, Inc.	1,124,206	11.971 %	375,659	4.000 %	469,574	5.000 %
Northwest Bank	1,053,457	11.220 %	375,560	4.000 %	469,450	5.000 %

(1) Amounts and ratios include the 2018 capital conservation buffer of 1.875%, with the exception of Tier 1 capital to average assets (leverage ratio).

## At December 31, 2017

	Actual		Minimum capital requirements (1)		Well capitalized requirements	
	Amount	Ratio	Amount	Ratio	Amount	Ratio
Total capital (to risk weighted assets)						
Northwest Bancshares, Inc.	\$1,136,076	15.831 %	\$663,823	9.250 %	\$717,647	10.000 %
Northwest Bank	1,017,251	14.189 %	663,179	9.250 %	716,951	10.000 %
Tier I capital (to risk weighted assets)						
Northwest Bancshares, Inc.	1,079,270	15.039 %	520,294	7.250 %	574,117	8.000 %
Northwest Bank	960,443	13.396 %	519,789	7.250 %	573,560	8.000 %
CET1 capital (to risk weighted assets)						
Northwest Bancshares, Inc.	971,395	13.536 %	412,647	5.750 %	466,470	6.500 %
Northwest Bank	960,443	13.396 %	412,247	5.750 %	430,170	6.000 %
Tier I capital (leverage) (to average assets)						

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Northwest Bancshares, Inc.	1,079,270	11.676%	369,735	4.000%	462,169	5.000%
Northwest Bank	960,443	10.400%	369,482	4.000%	461,853	5.000%

(1) Amounts and ratios include the 2017 capital conservation buffer of 1.250%, with the exception of Tier 1 capital to average assets (leverage ratio).

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## Liquidity

We are required to maintain a sufficient level of liquid assets, as determined by management and reviewed for adequacy by the FDIC and the Pennsylvania Department of Banking and Securities during their regular examinations. Northwest monitors its liquidity position primarily using the ratio of unencumbered available-for-sale liquid assets as a percentage of deposits and borrowings (“liquidity ratio”). Northwest’s liquidity ratio at September 30, 2018 was 9.6%. We adjust liquidity levels in order to meet funding needs for deposit outflows, payment of real estate taxes and insurance on mortgage loan escrow accounts, repayment of borrowings and loan commitments. At September 30, 2018 Northwest had \$3.072 billion of additional borrowing capacity available with the FHLB, including \$150.0 million on an overnight line of credit, which had \$64.8 million of availability, as well as \$53.8 million of borrowing capacity available with the Federal Reserve Bank and \$80.0 million with two correspondent banks.

## Dividends

We paid \$17.5 million and \$16.3 million in cash dividends during the quarters ended September 30, 2018 and 2017, respectively. The common stock dividend payout ratio (dividends declared per share divided by net income per diluted share) was 63.0% and 69.6% for the quarters ended September 30, 2018 and 2017, respectively, on dividends of \$0.17 per share for the quarter ended September 30, 2018 and on dividends of \$0.16 per share for the quarter ended September 30, 2017. We paid \$52.4 million and \$48.9 million in cash dividends during the nine months ended September 30, 2018 and 2017, respectively. The common stock dividend payout ratio (dividends declared per share divided by net income per diluted share) was 67.1% and 67.6% for the nine months ended September 30, 2018 and 2017, respectively, on dividends of \$0.51 per share for the nine months ended September 30, 2018 and on dividends of \$0.48 per share for the nine months ended September 30, 2017. On October 16, 2018, the Board of Directors declared a cash dividend of \$0.17 per share payable on November 15, 2018 to shareholders of record as of November 1, 2018. This represents the 96th consecutive quarter we have paid a cash dividend.

## 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 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.

	September 30, 2018	December 31, 2017
	(Dollars in thousands)	
Loans 90 days or more past due		
Residential mortgage loans	\$ 13,483	13,890
Home equity loans	5,910	7,469
Consumer legacy finance loans	39	202
Consumer loans	3,664	4,006
Commercial real estate loans	27,228	16,284
Commercial loans	2,714	3,140
Total loans 90 days or more past due	\$ 53,038	44,991
Total real estate owned (REO)	2,486	5,666

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Total loans 90 days or more past due and REO	55,524		50,657	
Total loans 90 days or more past due to net loans receivable	0.67	%	0.58	%
Total loans 90 days or more past due and REO to total assets	0.58	%	0.54	%
Nonperforming loans:				
Nonaccrual loans - loans 90 days or more delinquent	52,402		43,077	
Nonaccrual loans - loans less than 90 days delinquent	21,825		21,378	
Loans 90 days or more past maturity and still accruing	195		502	
Total nonperforming loans	74,422		64,957	
Total nonperforming assets	\$76,908		70,623	
Nonaccrual troubled debt restructured loans (1)	\$19,370		12,285	
Accruing troubled debt restructured loans	9,777		19,819	
Total troubled debt restructured loans	\$29,147		32,104	
(1) Included in nonaccrual loans above.				

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At September 30, 2018, we expect to fully 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 that are 90 days or more delinquent, which total \$441,000, to be nonaccrual or impaired and continue to recognize interest income on these loans, including the loans' accretable discount.

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. The amount of impairment is required to be 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 collateral if the loan is collateral dependent. If the measure of the impaired loan is less than the recorded investment in the loan, a specific allowance is allocated for the impairment. Impaired loans at September 30, 2018 and December 31, 2017 were \$113.1 million and \$84.6 million, respectively.

### Allowance for Loan Losses

Our Board of Directors has adopted an "Allowance for Loan and Lease Losses" ("ALL") policy designed to provide management with a systematic methodology for determining and documenting the ALL each reporting period. This methodology was developed to provide a consistent process and review procedure to ensure that the ALL 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, branch managers 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. Consumer and small business commercial loans are classified primarily by delinquency status. In addition, a meeting is held every quarter with each region to monitor the performance and status of loans on an internal watch list. On an on-going basis the loan officer in conjunction with a portfolio manager grades or classifies problem loans or potential problem loans based upon their knowledge of the lending relationship and other information previously accumulated. This rating is also reviewed independently by our Loan Review department on a periodic basis. Our loan grading system for problem loans is consistent with industry regulatory guidelines which classifies loans as "substandard", "doubtful" or "loss." Loans that do not expose us to risk sufficient to warrant classification in one of the previous categories, but which possess some weaknesses, are designated as "special mention". A "substandard" loan is any loan that is 90 days or more contractually delinquent or is inadequately protected by the current net worth and paying capacity of the obligor or of the collateral pledged, if any. Loans classified as "doubtful" have all the weaknesses inherent in those classified as "substandard" with the added characteristic that the weaknesses present make collection or liquidation in full, on the basis of currently existing facts, conditions or values, highly questionable and improbable. Loans classified as "loss" are considered uncollectible so that their continuance as assets without the establishment of a specific loss allowance is not warranted.

Credit relationships that have been classified as substandard or doubtful and are greater than or equal to \$1.0 million 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.

If such an individual loan is deemed to be impaired, the Credit Administration department determines the proper measure 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, less costs of sale or disposal. If the measurement of the impaired loan is

more or less than the recorded investment in the loan, the specific allowance associated with that individual loan is adjusted 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. Historical loss ratios are analyzed and adjusted based on delinquency trends as well as the current economic, political, regulatory, and interest rate environment and used to estimate the current measure of impairment.

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The individual impairment measures along with the estimated loss for each homogeneous pool are consolidated into one summary document. This summary schedule along with the support documentation used to establish this schedule is presented to management's Allowance Committee on a quarterly basis. The Allowance Committee reviews the processes and documentation presented, reviews the concentration of credit by industry and customer, lending products and 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 amount of ALL is estimated and any adjustments to reconcile the actual ALL with this estimate are determined. In addition, the Allowance Committee considers if any changes to the methodology are needed. The Allowance Committee also reviews and discusses delinquency trends, nonperforming asset amounts and ALL levels and ratios compared to our peer group as well as state and national statistics. Similarly, following the Allowance Committee's review and approval, a review is performed by the Risk Management Committee of the Board of Directors on a quarterly basis.

In addition to the reviews by management's Allowance Committee and the Board of Directors' Risk Management Committee, regulators from either the FDIC or the Pennsylvania Department of Banking and Securities perform an extensive review on an annual basis for the adequacy of the ALL and its conformity with regulatory guidelines and pronouncements. Any recommendations or enhancements from these independent parties are considered by management and the Allowance Committee and implemented accordingly.

We acknowledge that this is a dynamic process and consists of factors, many of which are external and out of our control that can change often, rapidly and substantially. The adequacy of the ALL 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 structured methodology each period when analyzing the adequacy of the allowance for loan losses and the related provision for loan losses, which the Allowance Committee assesses regularly for appropriateness. As part of the analysis as of September 30, 2018, we considered the economic conditions in our markets, such as unemployment and bankruptcy levels as well as changes in estimates of real estate collateral values. In addition, we considered the overall trends in asset quality, specific reserves needed and/or already established for criticized loans, historical loss rates, loss emergence periods and collateral valuations. The allowance for loan losses decreased by \$820,000, or 1.4%, to \$56.0 million, or 0.70% of total loans at September 30, 2018 from \$56.8 million, or 0.73% of total loans, at December 31, 2017. This decrease is due primarily to the payoff of two commercial banking loans that had combined reserves of \$3.5 million. Additionally, loans classified as substandard decreased to \$235.4 million, or 2.9% of total loans, at September 30, 2018, from \$237.8 million, or 3.1% of total loans, at December 31, 2017.

We also consider how the levels of non-accrual loans and historical charge-offs have influenced the required amount of allowance for loan losses. Nonaccrual loans of \$74.2 million or 0.93% of total loans receivable at September 30, 2018 increased by \$9.7 million, or 15.2%, from \$64.5 million, or 0.83% of total loans receivable, at December 31, 2017. This increase is due primarily to the downgrading of one commercial loan relationship totaling \$8.4 million. As a percentage of average loans, annualized net charge-offs decreased to 0.29% for the nine months ended September 30, 2018 compared to 0.31% for the year ended December 31, 2017.

### Comparison of Operating Results for the Quarters Ended September 30, 2018 and 2017

Net income for the quarter ended September 30, 2018 was \$27.7 million, or \$0.27 per diluted share, an increase of \$4.1 million, or 17.6%, from net income of \$23.6 million, or \$0.23 per diluted share, for the quarter ended September 30, 2017. The increase in net income resulted from an increase in interest income of \$5.4 million, or 6.0%, and decreases in income tax expense of \$5.4 million, or 43.3%, and noninterest expense of \$2.2 million, or 3.2%. Partially offsetting these improvements was a decrease in noninterest income of \$2.0 million, or 8.3%, and increases

in the provision for loan losses of \$4.0 million, or 130.7%, and interest expense of \$2.8 million, or 39.9%. Net income for the quarter ended September 30, 2018 represents annualized returns on average equity and average assets of 8.93% and 1.15%, respectively, compared to 7.81% and 0.99% for the same quarter last year. A further discussion of significant changes follows.

#### Interest Income

Total interest income increased by \$5.4 million, or 6.0%, to \$95.6 million for the quarter ended September 30, 2018 from \$90.2 million for the quarter ended September 30, 2017. This increase is attributed to increases in both the average balance and average yield on interest earning assets. The average yield earned on interest earning assets increased to 4.31% for the quarter ended September 30, 2018 from 4.11% for the quarter ended September 30, 2017, due to recent increases in market interest rates. Additionally, the average balance of interest earning assets increased by \$100.3 million, or 1.2%, to \$8.806 billion for the quarter ended September 30, 2018 from \$8.706 billion for the quarter ended September 30, 2017, due primarily to continued loan growth.

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Interest income on loans receivable increased by \$5.3 million, or 6.3%, to \$90.7 million for the quarter ended September 30, 2018 from \$85.4 million for the quarter ended September 30, 2017. This increase is attributed to increases in both the average balance and average yield on loans receivable. The average balance increased by \$261.0 million, or 3.4%, to \$7.927 billion for the quarter ended September 30, 2018 from \$7.666 billion for the quarter ended September 30, 2017. This increase is due to organic loan growth of \$269.9 million during the last twelve months. Additionally, the average yield on loans receivable increased to 4.54% for the quarter ended September 30, 2018 from 4.42% for the quarter ended September 30, 2017 primarily as a result of the recent increases in market interest rates.

Interest income on mortgage-backed securities increased by \$454,000, or 14.6%, to \$3.6 million for the quarter ended September 30, 2018 from \$3.1 million for the quarter ended September 30, 2017. This increase is attributed to an increase in average yield on mortgage-backed securities which increased to 2.39% for the quarter ended September 30, 2018 from 2.05% for the quarter ended September 30, 2017 due to both an increase in short-term market interest rates that positively impacted our adjustable rate mortgage-backed securities and the purchase of fixed rate mortgage-backed securities with yields higher than the existing portfolio. Partially offsetting this increase was a decrease in the average balance of mortgage-backed securities of \$8.9 million, or 1.5%, to \$598.6 million for the quarter ended September 30, 2018 from \$607.5 million for the quarter ended September 30, 2017.

Interest income on investment securities decreased by \$414,000, or 28.9%, to \$1.0 million for the quarter ended September 30, 2018 from \$1.4 million for the quarter ended September 30, 2017. This decrease is primarily attributable to a decrease in the average balance of investment securities of \$108.5 million, or 30.7%, to \$244.3 million for the quarter ended September 30, 2018 from \$352.8 million for the quarter ended September 30, 2017. This decrease is due primarily to the maturity or call of municipal and government agency securities. Partially offsetting this decrease was an increase in the average yield on investment securities to 1.67% for the quarter ended September 30, 2018 from 1.62% for the quarter ended September 30, 2017.

Dividends on FHLB stock increased by \$56,000, or 88.9%, to \$119,000 for the quarter ended September 30, 2018 from \$63,000 for the quarter ended September 30, 2017. This increase is attributable to increases in both the average balance and average yield on FHLB stock. The average yield increased to 4.81% for the quarter ended September 30, 2018 from 3.23% for the quarter ended September 30, 2017, as the yield generally tracks changes in market interest rates. Additionally, the average balance increased by \$2.1 million, or 26.7% to \$9.8 million for the quarter ended September 30, 2018 from \$7.7 million for the quarter ended September 30, 2017. 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 \$82,000, or 33.6%, to \$162,000 for the quarter ended September 30, 2018 from \$244,000 for the quarter ended September 30, 2017. This decrease is attributable to a decrease in the average balance of interest-earning deposits which decreased by \$45.4 million, or 63.5%, to \$26.1 million for the quarter ended September 30, 2018 from \$71.5 million for the quarter ended September 30, 2017, due to the utilization of excess cash to fund loan growth. Partially offsetting this decrease was an increase in the average yield on interest-earning deposits to 2.43% for the quarter ended September 30, 2018 from 1.33% for the quarter ended September 30, 2017, as a result of recent increases in the targeted Federal Funds rate by the Federal Reserve.

## Interest Expense

Interest expense increased by \$2.8 million, or 39.9%, to \$9.8 million for the quarter ended September 30, 2018 from \$7.0 million for the quarter ended September 30, 2017. This increase in interest expense was due to an increase in the average cost of interest-bearing liabilities, which increased to 0.60% for the quarter ended September 30, 2018 from 0.42% for the quarter ended September 30, 2017. This increase resulted from increases in the interest rate paid on

deposits and borrowed funds in response to increases in market interest rates. Partially offsetting this increase in cost was a decrease in the average balance of interest-bearing liabilities of \$109.7 million, or 1.7%, to \$6.464 billion for the quarter ended September 30, 2018 from \$6.573 billion for the quarter ended September 30, 2017. This decrease is due primarily to intensified competition for rate sensitive customers as well as the successful growth in noninterest-bearing checking deposits as the average balance increased by \$151.3 million, or 9.6%, compared to last year.

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### Net Interest Income

Net interest income increased by \$2.6 million, or 3.1%, to \$85.8 million for the quarter ended September 30, 2018 from \$83.2 million for the quarter ended September 30, 2017. This increase is attributable to the factors discussed above. Primarily as a result of the change in the mix of our interest-earning assets and interest-bearing liabilities, both our interest rate spread and net interest margin increased. Our interest rate spread increased to 3.71% for the quarter ended September 30, 2018 from 3.69% for the quarter ended September 30, 2017 and our net interest margin increased to 3.90% for the quarter ended September 30, 2018 from 3.82% for the quarter ended September 30, 2017.

### Provision for Loan Losses

The provision for loan losses increased by \$4.0 million, or 130.7%, to \$7.0 million for the quarter ended September 30, 2018 from \$3.0 million for the quarter ended September 30, 2017. This increase is due primarily to a \$4.6 million write-down on one commercial real estate loan as well as an update of the quantitative and qualitative factors used to determine the allowance for loan losses. Despite the remaining \$8.4 million balance of the previously mentioned charged-down loan becoming more than 90 days delinquent, overall credit quality remained largely unchanged. Total nonaccrual loans increased by \$893,000, or 1.2%, however, nonaccrual loans decreased to 0.93% of total loans at September 30, 2018 from 0.95% of total loans at September 30, 2017, and annualized net charge-offs to average loans decreased to 0.42% for the quarter ended September 30, 2018 from 0.47% for the quarter ended September 30, 2017. Additionally, total loan delinquency decreased to \$93.6 million, or 1.17%, of total loans at September 30, 2018 from \$101.8 million, or 1.32% of total loans at September 30, 2017.

In determining the amount of the current period provision, we considered current economic conditions, including but not limited to unemployment levels, bankruptcy filings, and changes in real estate values and the impact of these factors on the quality of our loan portfolio and historical loss experience. We analyze the allowance for loan losses as described in the section entitled "Allowance for Loan Losses." 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 8.3%, to \$22.6 million for the quarter ended September 30, 2018 from \$24.6 million for the quarter ended September 30, 2017. This decrease is due primarily to a \$1.5 million gain on the sale of investments realized during the third quarter of 2017. Trust and other financial services income decreased by \$539,000, or 11.2%, to \$4.3 million for the quarter ended September 30, 2018 from \$4.8 million for the quarter ended September 30, 2017. This decrease is due primarily to the sale of our retirement services subsidiary in December 2017. Additionally, mortgage banking income decreased by \$437,000, or 84.2%, to \$82,000 as result of decreased sales of residential mortgage loans into the secondary market. Partially offsetting these factors was a \$434,000, or 3.4%, increase in service charges and fees due primarily to increased debit card usage. Additionally, income on bank owned life insurance increased by \$382,000, or 35.4%, due to a death benefit received during the current year's quarter.

### Noninterest Expense

Noninterest expense decreased by \$2.2 million, or 3.2%, to \$66.6 million for the quarter ended September 30, 2018 from \$68.8 million for the quarter ended September 30, 2017. All noninterest expenses categories, with the exception of compensation and employee benefits and professional services, decreased compared to last year's quarter. Most of these decreases are due primarily to the restructuring that occurred during 2017, including a reduction of \$1.2 million, or 86.7%, in acquisition/ restructuring expenses related to the closure of our consumer finance subsidiary and the sale

of our three Maryland offices and retirement services business. Marketing expenses also decreased by \$539,000, or 21.7%, to \$1.9 million for the quarter ended September 30, 2018 from \$2.5 million for the quarter ended September 30, 2017, due primarily to the timing of checking account acquisition campaigns. Partially offsetting these decreases was an increase in compensation and employee benefits of \$979,000, or 2.7%, to \$37.5 million for the quarter ended September 30, 2018 from \$36.6 million for the quarter ended September 30, 2017, due primarily to normal annual salary increases as well as increases in the cost of other employee benefits.

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### Income Taxes

The provision for income taxes decreased by \$5.4 million, or 43.3%, to \$7.0 million for the quarter ended September 30, 2018 from \$12.4 million for the quarter ended September 30, 2017. This decrease is primarily a result of the enactment of the Tax Cuts and Jobs Act in December 2017. Our effective tax rate, which includes both federal and state income taxes, decreased to 20.2% for the quarter ended September 30, 2018 from 34.5% for the quarter ended September 30, 2017. In addition, income before taxes decreased by \$1.2 million, or 3.4%, to \$34.8 million for the quarter ended September 30, 2018 from \$36.0 million for the quarter ended September 30, 2017. We anticipate our effective tax rate to be between 21.0% and 23.0% for the year ending December 31, 2018.

### Comparison of Operating Results for the Nine Months Ended September 30, 2018 and 2017

Net income for the nine months ended September 30, 2018 was \$79.0 million, or \$0.76 per diluted share, an increase of \$6.7 million, or 9.3%, from \$72.3 million, or \$0.71 per diluted share, for the nine months ended September 30, 2017. The increase in net income resulted from an increase in interest income of \$10.7 million, or 4.0%, and decreases in income tax expense of \$14.0 million, or 40.1% and noninterest expense of \$9.9 million, or 4.6%. Partially offsetting these improvements was a decrease in noninterest income of \$19.1 million, or 21.8%, and increases in the provision for loan losses of \$3.3 million, or 25.1%, and interest expense of \$5.4 million, or 26.3%. Net income for the nine months ended September 30, 2018 represents annualized returns on average equity and average assets of 8.67% and 1.11%, respectively, compared to 8.16% and 1.01% for the nine months ended September 30, 2017. A discussion of significant changes follows.

### Interest Income

Total interest income increased by \$10.7 million, or 4.0%, to \$278.0 million for the nine months ended September 30, 2018 from \$267.3 million for the nine months ended September 30, 2017. This increase is the result of an increase in the average yield earned on interest earning assets to 4.26% for the nine months ended September 30, 2018 from 4.06% for the nine months ended September 30, 2017. This increase in average yield is related to both the change in interest-earning asset mix as well as the increase in market interest rates. Partially offsetting this increase was a decrease in the average balance of interest earning assets of \$62.8 million, or 0.7%, to \$8.735 billion for the nine months ended September 30, 2018 from \$8.798 billion for the nine months ended September 30, 2017.

Interest income on loans receivable increased by \$11.3 million, or 4.4%, to \$264.1 million for the nine months ended September 30, 2018 from \$252.8 million for the nine months ended September 30, 2017. This increase is attributed to increases in both the average balance and average yield on loans receivable. The average balance increased by \$188.5 million, or 2.5%, to \$7.851 billion for the nine months ended September 30, 2018 from \$7.663 billion for the nine months ended September 30, 2017. This increase is due to organic loan growth of \$269.9 million during the last twelve months. Additionally, the average yield on loans receivable increased to 4.50% for the nine months ended September 30, 2018 from 4.41% for the nine months ended September 30, 2017, primarily as a result of the recent increases in market interest rates.

Interest income on mortgage-backed securities increased by \$1.5 million, or 18.2%, to \$9.8 million for the nine months ended September 30, 2018 from \$8.3 million for the nine months ended September 30, 2017. This increase is attributed to increases in both the average balance and average yield on mortgage-backed securities. The average balance of mortgage-backed securities increased by \$17.9 million, or 3.2%, to \$575.7 million for the nine months ended September 30, 2018 from \$557.8 million for the nine months ended September 30, 2017. This increase is due primarily to the purchase of higher yielding mortgage-backed securities with the cash flow from our investment securities portfolio. Additionally, the average yield on mortgage-backed securities increased to 2.28% for the nine

months ended September 30, 2018 from 1.99% for the nine months ended September 30, 2017, due to both an increase in short-term market interest rates that positively impacted our adjustable rate mortgage-backed securities and the purchase of fixed-rate mortgage-backed securities with yields higher than the existing portfolio.

Interest income on investment securities decreased by \$1.5 million, or 32.5%, to \$3.0 million for the nine months ended September 30, 2018 from \$4.5 million for the nine months ended September 30, 2017. This decrease is primarily attributable to a decrease in the average balance of investment securities of \$122.2 million, or 33.2%, to \$245.4 million for the nine months ended September 30, 2018 from \$367.6 million for the nine months ended September 30, 2017. This decrease is due primarily to the maturity or call of municipal and government agency securities. Partially offsetting this decrease was an increase in the average yield on investment securities to 1.66% for the nine months ended September 30, 2018 from 1.64% for the nine months ended September 30, 2017.

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Dividends on FHLB stock increased by \$129,000, or 75.0%, to \$301,000 for the nine months ended September 30, 2018 from \$172,000 for the nine months ended September 30, 2017. This increase is attributable to increases in both the average balance and average yield on FHLB stock. The average yield increased to 4.47% for the nine months ended September 30, 2018 from 3.04% for the nine months ended September 30, 2017, as the yield generally tracks changes in market interest rates. Additionally, the average balance increased by \$1.4 million, or 19.1% to \$9.0 million for the nine months ended September 30, 2018 from \$7.6 million for the nine months ended September 30, 2017. 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 \$674,000, or 46.8%, to \$766,000 for the nine months ended September 30, 2018 from \$1.4 million for the nine months ended September 30, 2017. This decrease is attributable to a decrease in the average balance of interest-earning deposits which decreased by \$148.3 million, or 73.6%, to \$53.3 million for the nine months ended September 30, 2018 from \$201.6 million for the nine months ended September 30, 2017, due to the utilization of excess cash to fund loan growth. Partially offsetting this decrease was an increase in the average yield on interest-earning deposits to 1.90% for the nine months ended September 30, 2018 from 0.94% for the nine months ended September 30, 2017, as a result of recent increases in the targeted Federal Funds rate by the Federal Reserve.

### Interest Expense

Interest expense increased by \$5.4 million, or 26.3%, to \$26.2 million for the nine months ended September 30, 2018 from \$20.8 million for the nine months ended September 30, 2017. This increase in interest expense was due to an increase in the average cost of interest-bearing liabilities to 0.54% for the nine months ended September 30, 2018 from 0.41% for the nine months ended September 30, 2017. This increase resulted from increases in the interest rate paid on deposits and borrowed funds in response to increases in market interest rates. Partially offsetting this increase in cost was a decrease in the average balance of interest-bearing liabilities of \$241.1 million, or 3.6%, to \$6.478 billion for the nine months ended September 30, 2018 from \$6.719 billion for the nine months ended September 30, 2017. This decrease is due primarily to the sale of our three Maryland offices in May 2017 with deposits of \$211.7 million as well as increased competition for rate sensitive customers. In addition, our efforts to grow noninterest-bearing checking accounts have been successful, increasing the average balance by \$127.6 million, or 8.3%, to \$1.669 billion at September 30, 2018 from \$1.542 billion at September 30, 2017,

### Net Interest Income

Net interest income increased by \$5.3 million, or 2.1%, to \$251.8 million for the nine months ended September 30, 2018 from \$246.5 million for the nine months ended September 30, 2017. This increase is attributable to the factors discussed above. As a result of loan growth and the continued change in our deposit mix toward lower cost accounts, both our interest rate spread and net interest margin increased. Our interest rate spread increased to 3.71% for the nine months ended September 30, 2018 from 3.65% for the nine months ended September 30, 2017 and our net interest margin increased to 3.84% for the nine months ended September 30, 2018 from 3.74% for the nine months ended September 30, 2017.

### Provision for Loan Losses

The provision for loan losses increased by \$3.3 million, or 25.1%, to \$16.5 million for the nine months ended September 30, 2018 from \$13.2 million for the nine months ended September 30, 2017. This increase is due primarily to the \$4.6 million write-down on a commercial real estate loan along with the other factors discussed in the "Comparison of Operating Results for the Quarters Ended September 30, 2018 and 2017" section.

In determining the amount of the current period provision, we considered current economic conditions, including but not limited to unemployment levels, bankruptcy filings, and changes in real estate values and the impact of these factors on the quality of our loan portfolio and historical loss experience. We analyze the allowance for loan losses as described in the section entitled "Allowance for Loan Losses." 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.

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### Noninterest Income

Noninterest income decreased by \$19.1 million, or 21.8%, to \$68.5 million for the nine months ended September 30, 2018 from \$87.6 million for the nine months ended September 30, 2017. This decrease is due primarily to the \$17.2 million gain recognized on the sale of our Maryland offices during the second quarter of 2017. Additionally, trust and other financial services income decreased by \$1.4 million, or 9.9%, due primarily to the sale of our retirement services subsidiary in December 2017. Positively impacting noninterest income during the nine months ended September 30, 2018 was \$1.7 million in death benefits received on bank owned life insurance, an increase in service charges and fees of \$775,000, or 2.1% as a result of increased debit card usage and a \$222,000, or 3.5%, increase in other operating income due to the growth in fee income associated with commercial lending activity.

### Noninterest Expense

Noninterest expense decreased by \$9.9 million, or 4.6%, to \$203.8 million for the nine months ended September 30, 2018 from \$213.7 million for the nine months ended September 30, 2017. All noninterest expenses categories, with the exception of compensation and employee benefits and professional services, decreased compared to last year. Most of these decreases are a result of the restructuring that occurred during 2017, including a reduction of \$3.7 million, or 86.4%, in acquisition/ restructuring expenses related to the closure of our consumer finance subsidiary and the sale of our three Maryland offices and retirement services business. Additionally, marketing expenses decreased by \$1.4 million, or 18.4%, to \$6.1 million for the nine months ended September 30, 2018 from \$7.5 million for the nine months ended September 30, 2017, due primarily to the timing of checking account acquisition campaigns. Partially offsetting these decreases was an increase in professional services of \$116,000, or 1.6%, primarily as a result of consulting engagements related to the implementation of ASU 2016-13 - Financial Instruments - Credit Losses (Topic 326) - Measurement of Credit Losses on Financial Instruments.

### Income Taxes

The provision for income taxes decreased by \$14.0 million, or 40.1%, to \$20.9 million for the nine months ended September 30, 2018 from \$34.9 million for the nine months ended September 30, 2017. This decrease is due primarily to a decrease in income before tax of \$7.3 million, or 6.8%, to \$99.9 million for the nine months ended September 30, 2018 from \$107.2 million for the nine months ended September 30, 2017. In addition, primarily as a result of the enactment of the Tax Cuts and Jobs Act in December 2017, our effective tax rate, which includes both federal and state income taxes, decreased to 20.9% for the nine months ended September 30, 2018 from 32.5% for the nine months ended September 30, 2017. We anticipate our effective tax rate to be between 21.0% and 23.0% for the year ending December 31, 2018.

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## Average Balance Sheet

(Dollars in thousands)

The following table sets forth certain information relating to the Company's average balance sheet and reflects the average yield on interest-earning assets and average cost of interest-bearing liabilities for the periods indicated. Such yields and costs are derived by dividing income or expense by the average balance of assets or liabilities, respectively, for the periods presented. Average balances are calculated using daily averages.

	Quarter ended September 30, 2018			2017		
	Average balance	Interest	Avg. yield/ cost (g)	Average balance	Interest	Avg. yield/ cost (g)
Assets:						
Interest-earning assets:						
Residential mortgage loans	\$2,804,027	28,974	4.13 %	\$2,732,546	28,279	4.14 %
Home equity loans	1,272,847	15,248	4.75 %	1,299,473	14,694	4.49 %
Consumer loans	704,203	8,337	4.70 %	617,754	7,627	4.90 %
Legacy consumer finance loans	7,176	343	19.12 %	33,469	1,433	17.13 %
Commercial real estate loans	2,540,270	29,974	4.62 %	2,389,969	27,234	4.46 %
Commercial loans	598,842	8,203	5.36 %	593,143	6,659	4.39 %
Loans receivable (a) (b) (includes FTE adjustments of \$346 and \$553, respectively)	7,927,365	91,079	4.56 %	7,666,354	85,926	4.45 %
Mortgage-backed securities (c)	598,596	3,572	2.39 %	607,454	3,118	2.05 %
Investment securities (c) (includes FTE adjustments of \$55 and \$257, respectively)	244,346	1,074	1.76 %	352,813	1,690	1.92 %
FHLB stock	9,819	119	4.81 %	7,748	63	3.23 %
Other interest-earning deposits	26,057	162	2.43 %	71,482	243	1.33 %
Total interest-earning assets (includes FTE adjustments of \$401 and \$809, respectively)	8,806,183	96,006	4.33 %	8,705,851	91,040	4.15 %
Noninterest earning assets (d)	746,077			755,026		
Total assets	\$9,552,260			\$9,460,877		
Liabilities and shareholders' equity:						
Interest-bearing liabilities:						
Savings deposits	\$1,672,990	785	0.19 %	\$1,681,777	776	0.18 %
Interest-bearing checking deposits	1,460,556	1,064	0.29 %	1,435,143	297	0.08 %
Money market deposit accounts	1,685,368	1,565	0.37 %	1,789,082	1,048	0.23 %
Time deposits	1,403,967	4,819	1.36 %	1,449,830	3,674	1.01 %
Borrowed funds (e)	129,523	239	0.73 %	106,282	49	0.18 %
Junior subordinated debentures	111,213	1,316	4.63 %	111,213	1,150	4.05 %
Total interest-bearing liabilities	6,463,617	9,788	0.60 %	6,573,327	6,994	0.42 %
Noninterest-bearing checking deposits (f)	1,724,427			1,573,112		
Noninterest-bearing liabilities	132,062			116,021		
Total liabilities	8,320,106			8,262,460		
Shareholders' equity	1,232,154			1,198,417		

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Total liabilities and shareholders' equity	\$9,552,260			\$9,460,877		
Net interest income/ Interest rate spread		86,218	3.73 %		84,046	3.73 %
Net interest-earning assets/ Net interest margin	\$2,342,566		3.92 %	\$2,132,524		3.86 %
Ratio of interest-earning assets to interest-bearing liabilities	1.36	X		1.32	X	

(a) Average gross loans includes loans held as available-for-sale and loans placed on nonaccrual status.

(b) Interest income includes accretion/ amortization of deferred loan fees/ expenses, which were not material.

(c) Average balances do not include the effect of unrealized gains or losses on securities held as available-for-sale.

(d) Average balances include the effect of unrealized gains or losses on securities held as available-for-sale.

(e) Average balances include FHLB borrowings and collateralized borrowings.

(f) Average cost of deposits including noninterest-bearing checking were 0.41% and 0.29%, respectively.

Annualized. Shown on a fully tax-equivalent basis ("FTE"). The FTE basis adjusts for the tax benefit of income on certain tax exempt loans and investments using the federal statutory rate applicable to each period presented. We believe this measure to be the preferred industry measurement of net interest income and provides relevant comparison between taxable and non-taxable amounts. GAAP basis yields were: loans — 4.54 % and 4.42%, respectively; investment securities — 1.67% and 1.62%, respectively; interest-earning assets — 4.31% and 4.11%, respectively. GAAP basis net interest rate spreads were 3.71% and 3.69%, respectively; and GAAP basis net interest margins were 3.90% and 3.82%, respectively.

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## Rate/ Volume Analysis

(Dollars in Thousands)

The following table represents the extent to which changes in interest rates and changes in the volume of interest-earning assets and interest-bearing liabilities have affected interest income and interest expense during the periods indicated. Information is provided in each category with respect to (i) changes attributable to changes in volume (changes in volume multiplied by prior rate), (ii) changes attributable to changes in rate (changes in rate multiplied by prior volume), and (iii) net change. Changes that cannot be attributed to either rate or volume have been allocated to both rate and volume.

Quarters ended September 30, 2018 and 2017

	Rate	Volume	Net Change
Interest earning assets:			
Loans receivable	\$2,228	2,925	5,153
Mortgage-backed securities	499	(45 )	454
Investment securities	(139 )	(477 )	(616 )
FHLB stock	31	25	56
Other interest-earning deposits	201	(282 )	(81 )
Total interest-earning assets	2,820	2,146	4,966
Interest-bearing liabilities:			
Savings deposits	13	(4 )	9
Interest-bearing checking deposits	748	19	767
Money market deposit accounts	613	(96 )	517
Time deposits	1,302	(157 )	1,145
Borrowed funds	147	43	190
Junior subordinated debentures	166	—	166
Total interest-bearing liabilities	2,989	(195 )	2,794
Net change in net interest income	\$(169 )	2,341	2,172

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## Average Balance Sheet

(Dollars in thousands)

The following table sets forth certain information relating to the Company's average balance sheet and reflects the average yield on interest-earning assets and average cost of interest-bearing liabilities for the periods indicated. Such yields and costs are derived by dividing income or expense by the average balance of assets or liabilities, respectively, for the periods presented. Average balances are calculated using daily averages.

	Nine months ended September 30, 2018			2017		
	Average balance	Interest	Avg. yield/ cost (g)	Average balance	Interest	Avg. yield/ cost (g)
Assets:						
Interest-earning assets:						
Residential mortgage loans	\$2,774,074	84,585	4.07 %	\$2,724,348	83,833	4.10 %
Home equity loans	1,284,114	45,617	4.75 %	1,314,344	43,239	4.40 %
Consumer loans	666,055	23,788	4.78 %	598,056	22,251	4.97 %
Legacy consumer finance loans	10,923	1,627	19.86 %	40,241	6,025	19.96 %
Commercial real estate loans	2,510,206	86,188	4.53 %	2,425,302	80,867	4.40 %
Commercial loans	606,076	23,273	5.06 %	560,677	18,260	4.29 %
Loans receivable (a) (b) (includes FTE adjustments of \$1,019 and \$1,637, respectively)	7,851,448	265,078	4.51 %	7,662,968	254,475	4.44 %
Mortgage-backed securities (c)	575,663	9,839	2.28 %	557,846	8,327	1.99 %
Investment securities (c) (includes FTE adjustments of \$241 and \$848, respectively)	245,429	3,289	1.79 %	367,585	5,366	1.95 %
FHLB stock	8,999	301	4.47 %	7,553	172	3.04 %
Other interest-earning deposits	53,254	766	1.90 %	201,643	1,440	0.94 %
Total interest-earning assets (includes FTE adjustments of \$1,260 and \$2,485, respectively)	8,734,793	279,273	4.27 %	8,797,595	269,780	4.10 %
Noninterest earning assets (d)	753,403			742,837		
Total assets	\$9,488,196			\$9,540,432		
Liabilities and shareholders' equity:						
Interest-bearing liabilities:						
Savings deposits	\$1,680,892	2,307	0.18 %	\$1,699,455	2,300	0.18 %
Interest-bearing checking deposits	1,449,573	2,541	0.23 %	1,436,442	696	0.06 %
Money market deposit accounts	1,694,519	3,830	0.30 %	1,835,638	3,186	0.23 %
Time deposits	1,419,849	13,322	1.25 %	1,513,565	10,904	0.96 %
Borrowed funds (e)	122,376	412	0.45 %	123,168	161	0.17 %
Junior subordinated debentures	111,213	3,791	4.50 %	111,213	3,503	4.15 %
Total interest-bearing liabilities	6,478,422	26,203	0.54 %	6,719,481	20,750	0.41 %
Noninterest-bearing checking deposits	1,669,423			1,541,845		
Noninterest-bearing liabilities	122,199			94,546		

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Total liabilities	8,270,044			8,355,872	
Shareholders' equity	1,218,152			1,184,560	
Total liabilities and shareholders' equity	\$9,488,196			\$9,540,432	
Net interest income/ Interest rate spread		253,070	3.73 %		249,030 3.69 %
Net interest-earning assets/ Net interest margin	\$2,256,371		3.86 %	\$2,078,114	3.77 %
Ratio of interest-earning assets to interest-bearing liabilities	1.35	X		1.31	X

(a) Average gross loans includes loans held as available-for-sale and loans placed on nonaccrual status.

(b) Interest income includes accretion/ amortization of deferred loan fees/ expenses, which were not material.

(c) Average balances do not include the effect of unrealized gains or losses on securities held as available-for-sale.

(d) Average balances include the effect of unrealized gains or losses on securities held as available-for-sale.

(e) Average balances include FHLB borrowings and collateralized borrowings.

(f) Average cost of deposits were 0.37% and 0.28%, respectively.

Annualized. Shown on a fully tax-equivalent basis ("FTE"). The FTE basis adjusts for the tax benefit of income on certain tax exempt loans and investments using the federal statutory rate applicable to each period presented. We believe this measure to be the preferred industry measurement of net interest income and provides relevant

(g) comparison between taxable and non-taxable amounts. GAAP basis yields were: loans – 4.50% and 4.41%, respectively; investment securities –1.66% and 1.64%, respectively; interest-earning assets – 4.26% and 4.06%, respectively. GAAP basis net interest rate spreads were 3.71% and 3.65%, respectively; and GAAP basis net interest margins were 3.84% and 3.74%, respectively.

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## Rate/ Volume Analysis

(Dollars in Thousands)

The following table represents the extent to which changes in interest rates and changes in the volume of interest-earning assets and interest-bearing liabilities have affected interest income and interest expense during the periods indicated. Information is provided in each category with respect to (i) changes attributable to changes in volume (changes in volume multiplied by prior rate), (ii) changes attributable to changes in rate (changes in rate multiplied by prior volume), and (iii) net change. Changes that cannot be attributed to either rate or volume have been allocated to both rate and volume.

Nine months ended September 30, 2018 and 2017

	Rate	Volume	Net Change
Interest earning assets:			
Loans receivable	\$4,344	6,259	10,603
Mortgage-backed securities	1,207	305	1,512
Investment securities	(440 )	(1,637 )	(2,077 )
FHLB stock	81	48	129
Other interest-earning deposits	886	(1,560 )	(674 )
Total interest-earning assets	6,078	3,415	9,493
Interest-bearing liabilities:			
Savings deposits	32	(25 )	7
Interest-bearing checking deposits	1,822	23	1,845
Money market deposit accounts	889	(245 )	644
Time deposits	3,093	(675 )	2,418
Borrowed funds	254	(3 )	251
Junior subordinated debentures	288	—	288
Total interest-bearing liabilities	6,378	(925 )	5,453
Net change in net interest income	\$(300 )	4,340	4,040

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

As the holding company for a savings bank, one of our primary market risks is interest rate risk. Interest rate risk is the sensitivity of net interest income to variations in interest rates over a specified time period. The sensitivity results from differences in the time periods in which interest rate sensitive assets and liabilities mature or re-price. We attempt to control interest rate risk by matching, within acceptable limits, the re-pricing periods of assets and liabilities. We have attempted to limit our exposure to interest sensitivity by increasing core deposits, enticing customers to extend certificates of deposit maturities, borrowing funds with fixed-rates and longer maturities and by shortening the maturities of our assets by emphasizing the origination of more short-term fixed rate loans and adjustable rate loans. We also continue to sell a portion of the long-term, fixed-rate mortgage loans that we originate. In addition, we purchase shorter term or adjustable-rate investment securities and mortgage-backed securities.

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 the balance sheet structure. On a quarterly basis, this Committee also reviews the interest rate risk position and cash flow

projections.

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

In an effort to assess interest rate risk and market risk, we utilize a simulation model to determine the effect of immediate incremental increases and decreases in interest rates on net income and the market value of equity. Certain assumptions are made regarding loan prepayments and decay rates of savings and interest-bearing demand accounts. Because it is difficult to accurately

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

**Net income simulation.** Given a parallel shift of 100 bps, 200 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 equity is the present value of assets and liabilities. Given a parallel shift of 100 bps, 200 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 100 bps, 200 bps or 300 bps upward or a 100 bps downward movement in interest rates on net income, return on average equity, earnings per share and market value of equity. This analysis was prepared assuming that interest-earning asset and interest-bearing liability levels at September 30, 2018 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 September 30, 2018 levels.

	Increase			Decrease	
	100 bps	200 bps	300 bps	100 bps	
Parallel shift in interest rates over the next 12 months					
Projected percentage increase/ (decrease) in net interest income	(0.5 )%	(0.7 )%	(1.2 )%	(3.5 )%	
Projected percentage increase/ (decrease) in net income	(1.1 )%	(1.4 )%	(2.4 )%	(8.2 )%	
Projected increase/ (decrease) in return on average equity	(1.0 )%	(1.2 )%	(2.3 )%	(7.8 )%	
Projected increase/ (decrease) in earnings per share	\$(0.01)	\$(0.02)	\$(0.03)	\$(0.09)	
Projected percentage increase/ (decrease) in market value of equity	(3.8 )%	(7.0 )%	(10.5 )%	0.1 %	

The figures included in the table 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, 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, and actions that may be taken by management in response to interest rate changes.

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## ITEM 4. CONTROLS AND PROCEDURES

Under the supervision of and with the participation of management, including the Principal Executive Officer and Principal Financial Officer, we evaluated the effectiveness of the design and operation of its disclosure controls and procedures (as defined in Rule 13a-15(e) under the Exchange Act) as of the end of the period covered by this quarterly report (the "Evaluation Date"). Based upon that evaluation, the Principal Executive Officer and Principal Financial Officer concluded that, as of the Evaluation Date, these disclosure controls and procedures were effective.

There were no changes in the internal controls over financial reporting during the period covered by this report or in other factors that have materially affected, or are reasonably likely to materially affect the internal control over financial reporting.

## PART II. OTHER INFORMATION

## Item 1. Legal Proceedings

We are subject to a number of asserted and unasserted claims encountered in the normal course of business. We believe that any additional liability, other than that which has already been accrued, that may result from such potential litigation will not have a material adverse effect on the 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. Refer to note 11.

## Item 1A. Risk Factors

Except as previously disclosed, there have been no material updates or additions to the risk factors previously disclosed in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017 as filed with the Securities and Exchange Commission. Additional risks not presently known to us, or that we currently deem immaterial, may also adversely affect our business, financial condition or results of operations.

## Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

a.) Not applicable.

b.) Not applicable.

c.) The following table discloses information regarding the repurchase of shares of common stock during the quarter ending September 30, 2018:

Month	Number of shares purchased	Average price paid per share	Total number of shares purchased as part of a publicly announced repurchase plan (1)	Maximum number of shares yet to be purchased under the plan (1)
July	—	\$ —	—	4,834,089
August	—	—	—	4,834,089
September	—	—	—	4,834,089
	—	\$ —	—	

(1) Reflects the program for 5,000,000 shares announced December 13, 2012. This program does not have an expiration date.



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Item 3. Defaults Upon Senior Securities

Not applicable.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

Not applicable.

Item 6. Exhibits

31.1 Certification of the Chief Executive Officer pursuant to Rule 13a-15 or 15d-15 of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

31.2 Certification of the Chief Financial Officer pursuant to Rule 13a-15 or 15d-15 of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

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

101.INS XBRL Instance Document

101.SCH XBRL Taxonomy Extension Schema Document

101.CAL XBRL Taxonomy Extension Calculation Linkbase Document

101.DEF XBRL Taxonomy Extension Definition Linkbase Document

101.LAB XBRL Taxonomy Extension Label Linkbase

101.PRE XBRL Taxonomy Extension Presentation Linkbase Document

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Signature

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

NORTHWEST BANCSHARES, INC.  
(Registrant)

Date: November 8, 2018 By: /s/ Ronald J. Seiffert  
Ronald J. Seiffert  
President and Chief Executive Officer  
(Duly Authorized Officer)

Date: November 8, 2018 By: /s/ William W. Harvey, Jr.  
William W. Harvey, Jr.  
Senior Executive Vice President, Finance and  
Chief Financial Officer  
(Principal Accounting Officer)