
**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 March 31, 2018

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 001-35272

MIDLAND STATES BANCORP, INC.

(Exact name of registrant as specified in its charter)

ILLINOIS

(State of other jurisdiction of incorporation or organization)

37-1233196

(I.R.S. Employer Identification No.)

1201 Network Centre Drive

Effingham, IL

(Address of principal executive offices)

62401

(Zip Code)

(217) 342-7321

(Registrant's telephone number, including area code)

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

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a 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 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 Act). Yes No

As of April 30, 2018, the Registrant had 23,630,712 shares of outstanding common stock, \$0.01 par value.

MIDLAND STATES BANCORP, INC.

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PART I – FINANCIAL INFORMATION

ITEM 1 – FINANCIAL STATEMENTS

MIDLAND STATES BANCORP, INC.

CONSOLIDATED BALANCE SHEETS

(dollars in thousands, except per share data)

	March 31, 2018 <i>(unaudited)</i>	December 31, 2017
Assets		
Cash and due from banks	\$ 330,233	\$ 214,519
Federal funds sold	950	683
Cash and cash equivalents	331,183	215,202
Investment securities, at fair value	738,172	450,525
Loans	4,029,150	3,226,678
Allowance for loan losses	(17,704)	(16,431)
Total loans, net	4,011,446	3,210,247
Loans held for sale, at fair value	25,267	50,089
Premises and equipment, net	95,332	76,162
Other real estate owned	5,059	5,708
Nonmarketable equity securities	38,868	34,796
Accrued interest receivable	15,048	11,715
Mortgage servicing rights, at lower of cost or fair value	56,427	56,352
Mortgage servicing rights held for sale	3,962	10,176
Intangible assets	46,473	16,932
Goodwill	155,674	98,624
Cash surrender value of life insurance policies	136,766	113,366
Accrued income taxes receivable	7,910	8,358
Deferred tax assets, net	8,032	12,024
Other assets	47,753	42,425
Total assets	<u>\$ 5,723,372</u>	<u>\$ 4,412,701</u>
Liabilities and Shareholders' Equity		
Liabilities:		
Deposits:		
Noninterest-bearing	\$ 1,037,710	\$ 724,443
Interest-bearing	3,196,105	2,406,646
Total deposits	4,233,815	3,131,089
Short-term borrowings	130,693	156,126
FHLB advances and other borrowings	587,493	496,436
Subordinated debt	94,013	93,972
Trust preferred debentures	47,443	47,330
Accrued interest payable	4,768	2,531
Other liabilities	39,762	35,672
Total liabilities	<u>5,137,987</u>	<u>3,963,156</u>
Shareholders' Equity:		
Preferred stock, Series H, \$2 par value; \$1,000 per share liquidation value; 2,636 shares authorized, issued and outstanding at March 31, 2018 and December 31, 2017	2,923	2,970
Common stock, \$0.01 par value; 40,000,000 shares authorized; 23,612,430 and 19,122,049 shares issued and outstanding at March 31, 2018 and December 31, 2017, respectively	236	191
Capital surplus	470,937	330,148
Retained earnings	112,009	114,478
Accumulated other comprehensive (loss) income	(720)	1,758
Total shareholders' equity	<u>585,385</u>	<u>449,545</u>
Total liabilities and shareholders' equity	<u>\$ 5,723,372</u>	<u>\$ 4,412,701</u>

The accompanying notes are an integral part of the consolidated financial statements.

MIDLAND STATES BANCORP, INC.
CONSOLIDATED STATEMENTS OF INCOME—(UNAUDITED)

(dollars in thousands, except per share data)

	Three Months Ended	
	March 31,	
	2018	2017
Interest income:		
Loans:		
Taxable	\$ 41,031	\$ 28,073
Tax exempt	467	317
Loans held for sale	428	769
Investment securities:		
Taxable	2,643	1,239
Tax exempt	1,016	912
Nonmarketable equity securities	399	218
Federal funds sold and cash investments	521	311
Total interest income	<u>46,505</u>	<u>31,839</u>
Interest expense:		
Deposits	4,117	2,386
Short-term borrowings	124	80
FHLB advances and other borrowings	1,871	566
Subordinated debt	1,514	873
Trust preferred debentures	694	473
Total interest expense	<u>8,320</u>	<u>4,378</u>
Net interest income	38,185	27,461
Provision for loan losses	2,006	1,533
Net interest income after provision for loan losses	<u>36,179</u>	<u>25,928</u>
Noninterest income:		
Commercial FHA revenue	3,330	6,695
Residential mortgage banking revenue	1,418	2,916
Wealth management revenue	4,182	2,872
Service charges on deposit accounts	1,967	892
Interchange revenue	2,090	977
Gain on sales of investment securities, net	65	67
Gain on sales of other real estate owned	307	36
Other income	3,246	1,875
Total noninterest income	<u>16,605</u>	<u>16,330</u>
Noninterest expense:		
Salaries and employee benefits	28,395	17,115
Occupancy and equipment	4,252	3,184
Data processing	4,288	2,796
FDIC insurance	548	370
Professional	4,499	2,992
Marketing	1,206	642
Communications	1,547	546
Loan expense	522	420
Other real estate owned	90	412
Amortization of intangible assets	1,675	525
Other expense	2,580	1,783
Total noninterest expense	<u>49,602</u>	<u>30,785</u>
Income before income taxes	3,182	11,473
Income taxes	1,376	2,983
Net income	<u>1,806</u>	<u>8,490</u>
Preferred stock dividends	36	—
Net income available to common shareholders	<u>\$ 1,770</u>	<u>\$ 8,490</u>
Per common share data:		
Basic earnings per common share	\$ 0.08	\$ 0.54
Diluted earnings per common share	\$ 0.08	\$ 0.52
Weighted average common shares outstanding	20,901,738	15,736,412
Weighted average diluted common shares outstanding	21,351,511	16,351,637

The accompanying notes are an integral part of the consolidated financial statements.

MIDLAND STATES BANCORP, INC.

CONSOLIDATED STATEMENTS OF COMPREHENSIVE (LOSS) INCOME—(UNAUDITED)

(dollars in thousands)

	Three Months Ended	
	March 31,	
	2018	2017
Net income	\$ 1,806	\$ 8,490
Other comprehensive (loss) income:		
Investment securities available for sale:		
Unrealized (losses) gains that occurred during the period	(3,337)	768
Reclassification adjustment for realized net gains on sales of investment securities included in net income	(65)	(67)
Income tax effect	924	(273)
Change in investment securities available for sale, net of tax	(2,478)	428
Investment securities held to maturity:		
Amortization of unrealized gain on investment securities transferred from available-for-sale	—	(25)
Income tax effect	—	10
Change in investment securities held to maturity, net of tax	—	(15)
Other comprehensive (loss) income, net of tax	(2,478)	413
Total comprehensive (loss) income	\$ (672)	\$ 8,903

The accompanying notes are an integral part of the consolidated financial statements.

MIDLAND STATES BANCORP, INC.
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY—(UNAUDITED)
THREE MONTHS ENDED MARCH 31, 2018 AND 2017

(dollars in thousands, except per share data)

	Preferred stock	Common stock	Capital surplus	Retained earnings	Accumulated other comprehensive income (loss)	Total shareholders' equity
Balances, December 31, 2017	\$ 2,970	\$ 191	\$ 330,148	\$ 114,478	\$ 1,758	\$ 449,545
Net income	—	—	—	1,806	—	1,806
Compensation expense for stock option grants	—	—	124	—	—	124
Amortization of restricted stock awards	—	—	309	—	—	309
Preferred dividends declared	—	—	—	(83)	—	(83)
Preferred stock, premium amortization	(47)	—	—	47	—	—
Common dividends declared (\$0.22 per share)	—	—	—	(4,239)	—	(4,239)
Acquisition of Alpine Bancorporation, Inc.	—	45	139,876	—	—	139,921
Issuance of common stock under employee benefit plans	—	—	480	—	—	480
Other comprehensive loss	—	—	—	—	(2,478)	(2,478)
Balances, March 31, 2018	<u>\$ 2,923</u>	<u>\$ 236</u>	<u>\$ 470,937</u>	<u>\$ 112,009</u>	<u>\$ (720)</u>	<u>\$ 585,385</u>
Balances, December 31, 2016	\$ —	\$ 155	\$ 209,712	\$ 112,513	\$ (610)	\$ 321,770
Net income	—	—	—	8,490	—	8,490
Compensation expense for stock option grants	—	—	132	—	—	132
Amortization of restricted stock awards	—	—	189	—	—	189
Common dividends declared (\$0.20 per share)	—	—	—	(3,129)	—	(3,129)
Acquisition of CedarPoint Investment Advisors, Inc.	—	1	3,712	—	—	3,713
Issuance of common stock under employee benefit plans	—	2	2,753	—	—	2,755
Other comprehensive income	—	—	—	—	413	413
Balances, March 31, 2017	<u>\$ —</u>	<u>\$ 158</u>	<u>\$ 216,498</u>	<u>\$ 117,874</u>	<u>\$ (197)</u>	<u>\$ 334,333</u>

The accompanying notes are an integral part of the consolidated financial statements.

MIDLAND STATES BANCORP, INC.

CONSOLIDATED STATEMENTS OF CASH FLOWS—(UNAUDITED)

(dollars in thousands)

	Three Months Ended March 31,	
	2018	2017
Cash flows from operating activities:		
Net income	\$ 1,806	\$ 8,490
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Provision for loan losses	2,006	1,533
Depreciation on premises and equipment	1,454	1,116
Amortization of intangible assets	1,675	525
Compensation expense for stock option grants	124	132
Amortization of restricted stock awards	309	189
Increase in cash surrender value of life insurance	(822)	(580)
Investment securities amortization, net	689	296
Gain on sales of investment securities, net	(65)	(67)
Gain on sales of other real estate owned	(307)	(36)
Impairment of other real estate owned	—	171
Origination of loans held for sale	(122,749)	(221,782)
Proceeds from sales of loans held for sale	154,020	257,560
Proceeds from sales of mortgage servicing rights held for sale	10,176	—
Gain on loans sold and held for sale	(3,951)	(8,627)
Amortization of mortgage servicing rights	863	1,374
Impairment of mortgage servicing rights	133	76
Net change in operating assets and liabilities:		
Accrued interest receivable	1,081	439
Accrued interest payable	1,698	940
Accrued income taxes receivable	448	2,934
Other assets	(284)	5,321
Other liabilities	(429)	(2,390)
Net cash provided by operating activities	<u>47,875</u>	<u>47,614</u>
Cash flows from investing activities:		
Investment securities available for sale:		
Purchases	(17,389)	(113,222)
Sales	1,609	3,058
Maturities and payments	26,022	97,709
Investment securities held to maturity:		
Purchases	—	(2,486)
Maturities	—	4,790
Net increase in loans	(13,051)	(136,525)
Proceeds from sale of premises and equipment	186	85
Purchases of premises and equipment	(1,373)	(1,347)
Purchases of nonmarketable equity securities	(7,610)	(4,156)
Sales of nonmarketable equity securities	5,576	3,594
Proceeds from sales of other real estate owned	1,621	540
Net cash acquired in acquisition	36,153	12
Net cash provided by (used in) investing activities	<u>31,744</u>	<u>(147,948)</u>
Cash flows from financing activities:		
Net (decrease) increase in deposits	(7,299)	123,110
Net decrease in short-term borrowings	(25,433)	(7,522)
Proceeds from FHLB borrowings	217,000	142,357
Payments made on FHLB borrowings	(144,064)	(129,857)
Cash dividends paid on preferred stock	(83)	—
Cash dividends paid on common stock	(4,239)	(3,129)
Proceeds from issuance of common stock under employee benefit plans	480	2,755
Net cash provided by financing activities	<u>36,362</u>	<u>127,714</u>
Net increase in cash and cash equivalents	<u>\$ 115,981</u>	<u>\$ 27,380</u>
Cash and cash equivalents:		
Beginning of period	\$ 215,202	\$ 190,716
End of period	<u>\$ 331,183</u>	<u>\$ 218,096</u>
Supplemental disclosures of cash flow information:		
Cash payments for:		
Interest paid on deposits and borrowed funds	\$ 6,083	\$ 3,438
Income tax paid	29	5
Supplemental disclosures of noncash investing and financing activities:		
Transfer of loans to other real estate owned	\$ 346	\$ 961

The accompanying notes are an integral part of the consolidated financial statements.

MIDLAND STATES BANCORP, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS—(UNAUDITED)

Note 1 – Business Description

Midland States Bancorp, Inc. (the “Company,” “we,” “our,” or “us”) is a diversified financial holding company headquartered in Effingham, Illinois. Its wholly owned banking subsidiary, Midland States Bank (the “Bank”), has branches across Illinois and in Missouri and Colorado, and provides a broad array of traditional community banking and other complementary financial services, including commercial lending, residential mortgage origination, wealth management, merchant services and prime consumer lending. We also originate and service government sponsored mortgages for multifamily and healthcare facilities through our subsidiary, Love Funding Corporation (“Love Funding”), based in Washington, D.C. Our commercial equipment leasing and finance business, which operates on a nationwide basis, was formerly conducted through our subsidiary, Heartland Business Credit Corporation (“Business Credit”), based in Denver, Colorado, and beginning in January 2018, was brought directly into the Bank as Midland Equipment Finance.

On February 28, 2018, we completed the acquisition of Alpine Bancorporation, Inc. (“Alpine”) and its banking subsidiary, Alpine Bank & Trust Co. (“Alpine Bank”), as more fully described in Note 3 to the consolidated financial statements. Through the Alpine acquisition, we greatly expanded our commercial and retail banking presence in northern Illinois.

Our principal business activity has been lending to and accepting deposits from individuals, businesses, municipalities and other entities. We have derived income principally from interest earned on loans and leases and, to a lesser extent, from interest and dividends earned on investment securities. We have also derived income from noninterest sources, such as: fees received in connection with various lending and deposit services; wealth management services; residential mortgage loan originations, sales and servicing; and, from time to time, gains on sales of assets. Our income sources also include Love Funding’s commercial Federal Housing Administration (“FHA”) loan origination and servicing income. Our principal expenses include interest expense on deposits and borrowings, operating expenses, such as salaries and employee benefits, occupancy and equipment expenses, data processing costs, professional fees and other noninterest expenses, provisions for loan losses and income tax expense.

Note 2 – Basis of Presentation and Summary of Significant Accounting Policies

Basis of Presentation

The consolidated financial statements of the Company are unaudited and should be read in conjunction with the consolidated financial statements and related notes contained in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017, filed with the Securities and Exchange Commission (the “SEC”) on March 6, 2018. The consolidated financial statements have been prepared in accordance with the accounting principles generally accepted in the United States of America (“GAAP”) and conform to predominant practices within the banking industry. Management of the Company has made a number of estimates and assumptions related to the reporting of assets and liabilities to prepare the consolidated financial statements in conformity with GAAP. Actual results may differ from those estimates. In the opinion of management, all adjustments, consisting of normal recurring accruals considered necessary for a fair presentation of the results of operations for the interim periods presented herein, have been included. Certain reclassifications of 2017 amounts have been made to conform to the 2018 presentation. Operating results for the three months ended March 31, 2018 are not necessarily indicative of the results that may be expected for the year ending December 31, 2018.

Principles of Consolidation

The consolidated financial statements include the accounts of the parent company and its subsidiaries. All significant intercompany accounts and transactions have been eliminated. Assets held for customers in a fiduciary or agency capacity, other than trust cash on deposit with the Bank, are not assets of the Company and, accordingly, are not included in the accompanying unaudited consolidated financial statements.

Impact of Recently Issued Accounting Standards

FASB Accounting Standards Update (“ASU”) 2014-09, “Revenue from Contracts with Customers” – In May 2014, the Financial Accounting Standards Board (the “FASB”) amended existing guidance related to revenue from contracts with customers. This amendment supersedes and replaces nearly all existing revenue recognition guidance, including industry-specific guidance, establishes a new control-based revenue recognition model, changes the basis for deciding when revenue is recognized over time or at a point in time, provides new and more detailed guidance on specific topics and expands and improves disclosures about revenue. The Company adopted ASU 2014-09 and all subsequent amendments to the ASU (collectively referred to as Topic 606) on January 1, 2018. Topic 606 does not apply to revenue associated with financial instruments, including revenue from loans and investment securities. In addition, certain noninterest income streams such as commercial FHA revenue, residential mortgage banking revenue and gain on sales of investment securities, net are also not in scope of the new guidance. Topic 606 is applicable to noninterest income streams such as wealth management revenue, service charges on deposit accounts, interchange revenue, gain on sales of other real estate owned, and certain other noninterest income streams. The impact of applying this standard to the Company’s consolidated financial statements was determined to be immaterial because the Company’s revenue recognition pattern for revenue streams within the scope of ASU 2014-09 did not change significantly from current practice. Entities have the option of using either a full retrospective or modified retrospective transition method to adopt ASU 2014-09. We elected to implement this standard using the modified retrospective approach, with the cumulative effect recorded as an adjustment to opening retained earnings at January 1, 2018. Since the impact of applying the standard was determined to be immaterial, the Company did not record a cumulative effect adjustment to beginning retained earnings on January 1, 2018. See “*Note 18 – Revenue from Contracts with Customers*” for further discussion on the Company’s policies for revenue sources within the scope of Topic 606.

FASB ASU 2016-01, “Financial Instruments - Overall (Subtopic 825-10) - Recognition and Measurement of Financial Assets and Financial Liabilities.” – In January 2016, the FASB issued this standard, which is intended to improve the recognition and measurement of financial instruments. This standard, among other things: (i) requires equity investments, with certain exceptions, to be measured at fair value with changes in fair value recognized in net income; (ii) simplifies the impairment assessment of equity investments without readily determinable fair values by requiring a qualitative assessment to identify impairment; (iii) eliminates the requirement for public business entities to disclose the methods 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; (iv) requires public business entities to use the exit price notion when measuring the fair value of financial instruments for disclosure purposes; (v) requires an entity to present separately, in other comprehensive income, the portion of the total change in the fair value of a liability resulting from a change in the instrument-specific credit risk when the entity has elected to measure the liability at fair value in accordance with the fair value option for financial instruments; (vi) requires separate presentation of financial assets and financial liabilities by measurement category and form of financial asset on the balance sheet or the accompanying notes to the financial statements; and (vii) clarifies that an entity should evaluate the need for a valuation allowance on a deferred tax asset related to available-for-sale securities. The adoption of ASU No. 2016-01 on January 1, 2018 did not have a material impact on the Company’s Consolidated Financial Statements. In addition, the Company now classifies equity securities, at fair value, separately from available for sale securities, at fair value. No impairment was recognized on equity securities as of January 1, 2018. In accordance with (iv) above, the Company measured the fair value of its loan portfolio as of March 31, 2018 using an exit price notion (see “*Note 14 – Fair Value of Financial Instruments*”).

FASB ASU 2016-02, “Leases (Topic 842)” – In February 2016, the FASB issued ASU No. 2016-02, “*Leases (Topic 842)*.” This update revises the model to assess how a lease should be classified and provides guidance for lessees and lessors, when presenting right-of-use assets and lease liabilities on the balance sheet. This update is effective for us on January 1, 2019, with early adoption permitted. We have not yet decided whether we will early adopt the new standard. A modified retrospective transition approach is required for leases existing at, or entered into after, the beginning of the earliest comparative period presented in the consolidated financial statements, with certain practical expedients available. The Company has developed a project plan for evaluating the provisions of the new lease standard, but has not yet determined the overall impact of the new guidance on the Company’s consolidated financial statements. The Company is continuing to evaluate the pending adoption of ASU 2016-02 and its impact on the Company’s consolidated financial statements.

FASB ASU 2016-13, “Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments” – In June 2016, the FASB issued ASU No. 2016-13, “*Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*.” The objective of this update is to improve financial reporting by providing timelier recording of credit losses on loans and other financial instruments held by

financial institutions and other organizations. The ASU requires an organization to measure all expected credit losses for financial assets held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. Financial institutions and other organizations will use forward-looking information to better understand their credit loss estimates. For public companies that are filers with the SEC, this update is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. Early application is permitted for any organization for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2018. The Company has formed a cross functional committee that has overseen the enhancement of existing technology required to source and model data for the purposes of meeting this standard. The committee is also in the process of selecting a vendor to assist in generating loan level cash flows and disclosures. While the Company generally expects to recognize a one-time cumulative effect adjustment to the allowance for loan losses as of the beginning of the first reporting period in which the new standard is effective, the Company cannot yet determine the magnitude of any such one-time adjustment or the overall impact of the new guidance on the Company's consolidated financial statements. The Company is continuing to evaluate the potential impact on the Company's consolidated financial statements.

FASB ASU 2018-02, "Income Statement – Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income" – In February 2018, ASU 2018-02 was issued following the enactment of the Tax Cuts and Jobs Act, which changed the Company's federal income tax rate from 35% to 21%. This standard allows an entity to elect a reclassification from accumulated other comprehensive income to retained earnings for stranded tax effects resulting from the Tax Cuts and Jobs Act. The standard is effective for periods beginning after December 15, 2018 although early adoption is permitted. The impact of this ASU on the Company's consolidated financial statements is not material.

FASB ASU 2017-02, Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities" – In August 2017, the FASB issued this standard the objectives of which are to (1) improve the transparency and understandability of information conveyed to financial statement users about an entity's risk management activities by better aligning the entity's financial reporting for hedging relationships with those risk management activities; and (2) reduce the complexity of and simplify the application of hedge accounting by preparers. This standard is effective for interim and annual reporting periods beginning after December 15, 2018; early adoption is permitted. The Company currently does not designate any derivative financial instruments as formal hedging relationships, and therefore, does not utilize hedge accounting. However, the Company is currently evaluating this standard to determine whether its provisions will enhance the Company's ability to employ risk management strategies, while improving the transparency and understanding of those strategies for financial statement users.

Note 3 – Acquisitions

Alpine Bancorporation, Inc.

On February 28, 2018, the Company completed its acquisition of Alpine and its banking subsidiary, Alpine Bank, which operates 19 locations in northern Illinois, and which the Company intends to merge into the Bank. In the aggregate, the Company acquired Alpine for consideration valued at approximately \$173.2 million, which consisted of approximately \$33.3 million in cash and the issuance of 4,463,200 shares of the Company's common stock. This acquisition was accounted for under the acquisition method of accounting. Accordingly, the Company recognized amounts for identifiable assets acquired and liabilities assumed at their estimated acquisition date fair values, while \$11.6 million of transaction and integration costs associated with the acquisition have been expensed during 2017 and the first quarter of 2018, and remaining integration costs will be expensed in future periods as incurred.

Centrue Financial Corporation

On June 9, 2017, the Company completed its acquisition of Centrue Financial Corporation ("Centrue") and its banking subsidiary, Centrue Bank, which operated 20 full-service banking centers located principally in northern Illinois. In the aggregate, the Company acquired Centrue for consideration valued at approximately \$176.6 million, which consisted of approximately \$61.0 million in cash and the issuance of 3,219,238 shares of the Company's common stock, 181 shares of Series G preferred stock and 2,635,546 shares of Series H preferred stock. This acquisition was accounted for under the acquisition method of accounting. Accordingly, the Company recognized amounts for identifiable assets acquired and liabilities assumed at their estimated acquisition date fair values. Transaction and integration costs of \$1.1 million and \$16.0 million for the three months ended March 31, 2018 and the year ended December 31, 2017, respectively, were expensed as incurred.

Under the acquisition method of accounting, the consideration paid is allocated to net tangible and intangible assets based on current estimated fair values on the date of acquisition. Based on management's preliminary valuation of the fair value of tangible and intangible assets acquired and liabilities assumed, which are based on assumptions that are subject to change, the consideration paid for the acquisitions is allocated as follows:

(dollars in thousands)	Alpine	Centrue
Assets acquired:		
Cash and cash equivalents	\$ 69,459	\$ 42,461
Investment securities, at fair value	301,800	149,013
Loans	790,865	679,582
Loans held for sale	3,416	531
Premises and equipment	19,283	17,147
Other real estate owned	53	4,983
Nonmarketable equity securities	2,038	8,168
Accrued interest receivable	4,414	2,376
Mortgage servicing rights	—	1,933
Mortgage servicing rights held for sale	3,942	—
Intangible assets	31,216	11,070
Cash surrender value of life insurance policies	22,578	36,349
Deferred tax assets, net	—	34,339
Other assets	4,840	2,256
Total assets acquired	1,253,904	990,208
Liabilities assumed:		
Deposits	1,110,025	739,867
Short-term borrowings	—	14,434
FHLB advances and other borrowings	18,127	95,332
Trust preferred debentures	—	7,565
Accrued interest payable	539	275
Deferred tax liabilities, net	4,284	—
Other liabilities	4,667	3,600
Total liabilities assumed	1,137,642	861,073
Net assets acquired	116,262	129,135
Goodwill	56,965	47,444
Total consideration paid	\$ 173,227	\$ 176,579
Intangible assets:		
Core deposit intangible	\$ 24,116	\$ 11,070
Customer relationship intangible	7,100	—
Total Intangible assets	\$ 31,216	\$ 11,070
Estimated useful lives:		
Core deposit intangible	6 years	8 years
Customer relationship intangible	13 years	N/A

Prior to the end of the one-year measurement period for finalizing the consideration paid allocation, if information becomes available which would indicate adjustments are required to the allocation, such adjustments will be included in the allocation in the reporting period in which the adjustment amounts are determined.

Goodwill arising from the acquisitions consists largely of the synergies and economies of scale expected from combining the operations of Alpine and Centrue into the Company. The goodwill is assigned as part of the Company's banking reporting unit. The portion of the consideration paid allocated to goodwill will not be deductible for tax purposes.

The identifiable assets acquired from Alpine and Centrue included core deposit intangibles and customer relationship intangibles, which are being amortized on an accelerated basis as shown above.

Acquired loan data for Alpine and Centruie can be found in the table below:

(dollars in thousands)	Fair Value of Acquired Loans at Acquisition Date	Gross Contractual Amounts Receivable at Acquisition Date	Best Estimate at Acquisition Date of Contractual Cash Flows Not Expected to be Collected
Alpine:			
Acquired receivables subject to ASC 310-30	\$ 32,276	\$ 40,025	\$ 6,907
Acquired receivables not subject to ASC 310-30	758,589	766,613	4,717
Centruie:			
Acquired receivables subject to ASC 310-30	\$ 11,381	\$ 20,523	\$ 7,227
Acquired receivables not subject to ASC 310-30	668,201	821,338	4,835

The following table provides the unaudited pro forma information for the results of operations for three months ended March 31, 2018 and 2017, as if the acquisition of Alpine had occurred on January 1, 2017. The pro forma results combine the historical results of Alpine with the Company's consolidated statements of income, adjusted for the impact of the application of the acquisition method of accounting including loan discount accretion, intangible assets amortization, and deposit premium accretion, net of taxes. The pro forma results have been prepared for comparative purposes only and are not necessarily indicative of the results of operations had the acquisition actually occurred on January 1, 2017. No assumptions have been applied to the pro forma results of operations regarding revenue enhancements, expense efficiencies or asset dispositions. Only the acquisition related expenses that have been incurred as of March 31, 2018 are included in net income in the table below. Acquisition related expenses that were recognized and are included in the pro forma net income for the three months ended March 31, 2018 totaled \$10.7 million on a pre-tax basis.

(dollars in thousands, except per share data)	Three Months Ended March 31,	
	2018	2017
Revenue ⁽¹⁾	\$ 66,803	\$ 69,357
Net income	3,278	10,608
Diluted earnings per common share	0.13	\$ 0.44

(1) Net interest income plus noninterest income

CedarPoint Investment Advisors, Inc.

On March 28, 2017, the Company acquired all of the outstanding capital stock of CedarPoint Investment Advisors, Inc. ("CedarPoint"), an SEC registered investment advisory firm, pursuant to an Agreement and Plan of Merger, dated as of March 15, 2017. CedarPoint had approximately \$180.0 million of assets under administration. The Company acquired CedarPoint for \$3.7 million, which consisted of the issuance of 102,000 shares of the Company's common stock and an accrual in other liabilities of \$345,000 for the fair value of 18,000 shares that will be held in a special purpose escrow account (the "escrow shares") as additional consideration until at least March 31, 2019. Payout of the escrow shares is contingent on CedarPoint reaching certain target revenue levels. Intangible assets recognized as a result of the transaction consisted of approximately \$2.4 million in goodwill and \$2.0 million in customer relationship intangibles. The customer relationship intangibles are being amortized on a straight-line basis over 12 years.

Note 4 – Investment Securities

Debt Securities

Investment securities classified as available for sale as of March 31, 2018 and December 31, 2017 were as follows:

(dollars in thousands)	March 31, 2018			
	Amortized cost	Gross unrealized gains	Gross unrealized losses	Fair value
U.S. Treasury securities	\$ 40,055	\$ 13	\$ 422	\$ 39,646
Government sponsored entity debt securities	87,712	39	686	87,065
Agency mortgage-backed securities	361,927	622	3,804	358,745
State and municipal securities	179,317	3,327	920	181,724
Corporate securities	58,950	1,126	296	59,780
Total	<u>\$ 727,961</u>	<u>\$ 5,127</u>	<u>\$ 6,128</u>	<u>\$ 726,960</u>

(dollars in thousands)	December 31, 2017			
	Amortized cost	Gross unrealized gains	Gross unrealized losses	Fair value
U.S. Treasury securities	\$ 28,005	\$ —	\$ 287	\$ 27,718
Government sponsored entity debt securities	25,445	41	275	25,211
Agency mortgage-backed securities	233,606	882	2,101	232,387
State and municipal securities	99,449	3,632	514	102,567
Corporate securities	58,904	1,087	179	59,812
Total	<u>\$ 445,409</u>	<u>\$ 5,642</u>	<u>\$ 3,356</u>	<u>\$ 447,695</u>

Unrealized losses and fair values for investment securities available for sale as of March 31, 2018 and December 31, 2017, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position, are summarized as follows:

(dollars in thousands)	March 31, 2018					
	Less than 12 Months		12 Months or more		Total	
	Fair value	Unrealized loss	Fair value	Unrealized loss	Fair value	Unrealized loss
U.S. Treasury securities	\$ 24,620	\$ 394	\$ 4,970	\$ 28	\$ 29,590	\$ 422
Government sponsored entity debt securities	58,637	686	—	—	58,637	686
Agency mortgage-backed securities	219,158	2,939	18,932	865	238,090	3,804
State and municipal securities	43,599	693	5,341	227	48,940	920
Corporate securities	13,379	182	2,444	114	15,823	296
Total	<u>\$ 359,393</u>	<u>\$ 4,894</u>	<u>\$ 31,687</u>	<u>\$ 1,234</u>	<u>\$ 391,080</u>	<u>\$ 6,128</u>

(dollars in thousands)	December 31, 2017					
	Less than 12 Months		12 Months or more		Total	
	Fair value	Unrealized loss	Fair value	Unrealized loss	Fair value	Unrealized loss
U.S. Treasury securities	\$ 19,758	\$ 251	\$ 7,960	\$ 36	\$ 27,718	\$ 287
Government sponsored entity debt securities	24,168	275	—	—	24,168	275
Agency mortgage-backed securities	124,192	1,500	19,530	601	143,722	2,101
State and municipal securities	29,338	331	5,889	183	35,227	514
Corporate securities	5,917	85	3,463	94	9,380	179
Total	<u>\$ 203,373</u>	<u>\$ 2,442</u>	<u>\$ 36,842</u>	<u>\$ 914</u>	<u>\$ 240,215</u>	<u>\$ 3,356</u>

For all of the above investment securities, the unrealized losses are generally due to changes in interest rates and continued financial market stress, and unrealized losses are considered to be temporary.

We evaluate securities for other-than-temporary impairment (“OTTI”) on a quarterly basis, at a minimum, and more frequently when economic or market concerns warrant such evaluation. In estimating OTTI losses, we consider the severity and duration of the impairment; the financial condition and near-term prospects of the issuer, which for debt

securities considers external credit ratings and recent downgrades; and the intent and ability of the Company to hold the security for a period of time sufficient for a recovery in value.

At March 31, 2018, 256 investment securities available for sale had unrealized losses with aggregate depreciation of 1.54% from their amortized cost basis. The unrealized losses relate principally to the fluctuations in the current interest rate environment. In analyzing an issuer's financial condition, we consider whether the securities are issued by the federal government or its agencies and whether downgrades by bond rating agencies have occurred. The Company does not have the intent to sell and it is not more likely than not that it will be required to sell a security in an unrealized loss position; therefore, the Company does not consider these securities to be other than temporarily impaired at March 31, 2018.

For the three months ended March 31, 2018 and 2017, the Company did not recognize OTTI losses on its investment securities.

The amortized cost and fair value of the available-for-sale investment securities as of March 31, 2018 are shown by expected maturity in the following table. Expected maturities may differ from contractual maturities if borrowers have the right to call or prepay obligations with or without call or prepayment penalties.

(dollars in thousands)	Amortized cost	Fair value
Debt securities:		
Within one year	\$ 67,297	\$ 67,282
After one year through five years	429,272	427,387
After five years through ten years	187,393	188,330
After ten years	43,999	43,961
Total available for sale securities	<u>\$ 727,961</u>	<u>\$ 726,960</u>

Proceeds from the sale of securities available for sale were \$1.6 million for the three months ended March 31, 2018. Gross realized gains from the sale of securities available for sale were \$65,000 for the three months ended March 31, 2018. There were no gross realized losses for the three months ended March 31, 2018.

Proceeds from the sale of securities available for sale were \$3.1 million for the three months ended March 31, 2017. Gross realized gains from the sale of securities available for sale were \$67,000 for the three months ended March 31, 2017. There were no gross realized losses for the three months ended March 31, 2017.

Equity Securities

The Company held equity securities with fair values of \$11.2 million and \$2.8 million at March 31, 2018 and December 31, 2017, respectively. During the three months ended March 31, 2018, the Company recognized unrealized gains of \$178,000 and unrealized losses of \$67,000 on the equity securities held at March 31, 2018, which was recorded in noninterest income in the consolidated statements of income. There were no sales of equity securities during the three months ended March 31, 2018.

Note 5 – Loans

The following table presents total loans outstanding by portfolio, which includes non-purchased credit impaired (“Non-PCI”) loans and purchased credit impaired (“PCI”) loans, as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Non-PCI Loans	PCI Loans ⁽¹⁾	Total	Non-PCI Loans	PCI Loans ⁽¹⁾	Total
Commercial	\$ 795,431	\$ 7,321	\$ 802,752	\$ 553,257	\$ 2,673	\$ 555,930
Commercial real estate	1,754,827	18,683	1,773,510	1,427,076	12,935	1,440,011
Construction and land development	226,035	8,802	234,837	199,853	734	200,587
Total commercial loans	2,776,293	34,806	2,811,099	2,180,186	16,342	2,196,528
Residential real estate	553,947	16,374	570,321	447,602	5,950	453,552
Consumer	422,266	1,963	424,229	371,286	169	371,455
Lease financing	223,501	—	223,501	205,143	—	205,143
Total loans	\$ 3,976,007	\$ 53,143	\$ 4,029,150	\$ 3,204,217	\$ 22,461	\$ 3,226,678

(1) The unpaid principal balance for PCI loans totaled \$73.6 million and \$32.8 million as of March 31, 2018 and December 31, 2017, respectively.

Total loans include net deferred loan fees of \$16.9 million and \$10.1 million at March 31, 2018 and December 31, 2017, respectively, and unearned discounts of \$23.2 million and \$20.7 million within the lease financing portfolio at March 31, 2018 and December 31, 2017, respectively.

At March 31, 2018 and December 31, 2017, the Company had commercial and residential loans held for sale totaling \$25.3 million and \$50.1 million, respectively. During the three months ended March 31, 2018 and 2017, the Company sold commercial and residential real estate loans with proceeds totaling \$154.0 million and \$257.6 million, respectively.

The Company monitors and assesses the credit risk of its loan portfolio using the classes set forth below. These classes also represent the segments by which the Company monitors the performance of its loan portfolio and estimates its allowance for loan losses.

Commercial—Loans to varying types of businesses, including municipalities, school districts and nonprofit organizations, for the purpose of supporting working capital, operational needs and term financing of equipment. Repayment of such loans is generally provided through operating cash flows of the business. Commercial loans are predominantly secured by equipment, inventory, accounts receivable, and other sources of repayment.

Commercial real estate—Loans secured by real estate occupied by the borrower for ongoing operations, including loans to borrowers engaged in agricultural production, and non-owner occupied real estate leased to one or more tenants, including commercial office, industrial, special purpose, retail and multi-family residential real estate loans.

Construction and land development—Secured loans for the construction of business and residential properties. Real estate construction loans often convert to a commercial real estate loan at the completion of the construction period. Secured development loans are made to borrowers for the purpose of infrastructure improvements to vacant land to create finished marketable residential and commercial lots/land. Most land development loans are originated with the intention that the loans will be paid through the sale of developed lots/land by the developers within twelve months of the completion date. Interest reserves may be established on real estate construction loans.

Residential real estate—Loans secured by residential properties that generally do not qualify for secondary market sale; however, the risk to return and/or overall relationship are considered acceptable to the Company. This category also includes loans whereby consumers utilize equity in their personal residence, generally through a second mortgage, as collateral to secure the loan.

Consumer—Loans to consumers primarily for the purpose of home improvements and acquiring automobiles, recreational vehicles and boats. Consumer loans consist of relatively small amounts that are spread across many individual borrowers.

Lease financing—Indirect financing leases to small businesses for purchases of business equipment. All indirect financing leases require monthly payments, and the weighted average maturity of our leases is less than four years.

Commercial, commercial real estate, and construction and land development loans are collectively referred to as the Company's commercial loan portfolio, while residential real estate and consumer loans and lease financing receivables are collectively referred to as the Company's other loan portfolio.

We have extended loans to certain of our directors, executive officers, principal shareholders and their affiliates. These loans were made in the ordinary course of business upon normal terms, including collateralization and interest rates prevailing at the time, and did not involve more than the normal risk of repayment by the borrower. The aggregate loans outstanding to the directors, executive officers, principal shareholders and their affiliates totaled \$19.9 million and \$22.4 million at March 31, 2018 and December 31, 2017, respectively. During the three months ended March 31, 2018, there were \$1.0 million of new loans and other additions, while repayments and other reductions totaled \$3.5 million.

Credit Quality Monitoring

The Company maintains loan policies and credit underwriting standards as part of the process of managing credit risk. These standards include making loans generally within the Company's four main regions, which include eastern, northern and southern Illinois and the St. Louis metropolitan area. Our equipment leasing business, based in Denver, provides financing to business customers across the country.

The Company has a loan approval process involving underwriting and individual and group loan approval authorities to consider credit quality and loss exposure at loan origination. The loans in the Company's commercial loan portfolio are risk rated at origination based on the grading system set forth below. All loan authority is based on the aggregate credit to a borrower and its related entities.

The Company's consumer loan portfolio is primarily comprised of both secured and unsecured loans that are relatively small and are evaluated at origination on a centralized basis against standardized underwriting criteria. The ongoing measurement of credit quality of the consumer loan portfolio is largely done on an exception basis. If payments are made on schedule, as agreed, then no further monitoring is performed. However, if delinquency occurs, the delinquent loans are turned over to the Company's Consumer Collections Group for resolution. Credit quality for the entire consumer loan portfolio is measured by the periodic delinquency rate, nonaccrual amounts and actual losses incurred.

Loans in the commercial loan portfolio tend to be larger and more complex than those in the other loan portfolio, and therefore, are subject to more intensive monitoring. All loans in the commercial loan portfolio have an assigned relationship manager, and most borrowers provide periodic financial and operating information that allows the relationship managers to stay abreast of credit quality during the life of the loans. The risk ratings of loans in the commercial loan portfolio are reassessed at least annually, with loans below an acceptable risk rating reassessed more frequently and reviewed by various individuals within the Company at least quarterly.

The Company maintains a centralized independent loan review function that monitors the approval process and ongoing asset quality of the loan portfolio, including the accuracy of loan grades. The Company also maintains an independent appraisal review function that participates in the review of all appraisals obtained by the Company.

Credit Quality Indicators

The Company uses a ten grade risk rating system to monitor the ongoing credit quality of its commercial loan portfolio. These loan grades rank the credit quality of a borrower by measuring liquidity, debt capacity, and coverage and payment behavior as shown in the borrower's financial statements. The risk grades also measure the quality of the borrower's management and the repayment support offered by any guarantors.

The Company considers all loans with Risk Grades of 1 – 6 as acceptable credit risks and structures and manages such relationships accordingly. Periodic financial and operating data combined with regular loan officer interactions are deemed adequate to monitor borrower performance. Loans with Risk Grades of 7 are considered "watch credits" and the frequency of loan officer contact and receipt of financial data is increased to stay abreast of borrower performance. Loans with Risk Grades of 8 – 10 are considered problematic and require special care. Further, loans with

Risk Grades of 7 – 10 are managed and monitored regularly through a number of processes, procedures and committees, including oversight by a loan administration committee comprised of executive and senior management of the Company, which includes highly structured reporting of financial and operating data, intensive loan officer intervention and strategies to exit, as well as potential management by the Company’s Special Assets Group. Loans not graded in the commercial loan portfolio are small loans that are monitored by aging status and payment activity.

The following table presents the recorded investment of the commercial loan portfolio (excluding PCI loans) by risk category as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018				December 31, 2017			
	Commercial	Commercial Real Estate	Construction and Land Development	Total	Commercial	Commercial Real Estate	Construction and Land Development	Total
Acceptable credit quality	\$ 741,523	\$ 1,707,011	\$ 217,907	\$ 2,666,441	\$ 510,928	\$ 1,384,630	\$ 191,872	\$ 2,087,430
Special mention	23,516	18,589	—	42,105	12,290	11,497	—	23,787
Substandard	26,896	11,270	—	38,166	27,718	14,695	—	42,413
Substandard – nonaccrual	2,167	13,945	765	16,877	1,266	12,482	785	14,533
Doubtful	—	—	—	—	—	—	—	—
Not graded	1,329	4,012	7,363	12,704	1,055	3,772	7,196	12,023
Total (excluding PCI)	\$ 795,431	\$ 1,754,827	\$ 226,035	\$ 2,776,293	\$ 553,257	\$ 1,427,076	\$ 199,853	\$ 2,180,186

The Company evaluates the credit quality of its other loan portfolio based primarily on the aging status of the loan and payment activity. Accordingly, loans on nonaccrual status, any loan past due 90 days or more and still accruing interest, and loans modified under troubled debt restructurings are considered to be impaired for purposes of credit quality evaluation. The following table presents the recorded investment of our other loan portfolio (excluding PCI loans) based on the credit risk profile of loans that are performing and loans that are impaired as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018				December 31, 2017			
	Residential Real Estate	Consumer	Lease Financing	Total	Residential Real Estate	Consumer	Lease Financing	Total
Performing	\$ 547,961	\$ 422,026	\$ 222,240	\$ 1,192,227	\$ 441,418	\$ 370,999	\$ 203,797	\$ 1,016,214
Impaired	5,986	240	1,261	7,487	6,184	287	1,346	7,817
Total (excluding PCI)	\$ 553,947	\$ 422,266	\$ 223,501	\$ 1,199,714	\$ 447,602	\$ 371,286	\$ 205,143	\$ 1,024,031

Impaired Loans

Impaired loans include loans on nonaccrual status, any loan past due 90 days or more and still accruing interest and loans modified under troubled debt restructurings. Impaired loans at March 31, 2018 and December 31, 2017 do not include \$53.1 million and \$22.5 million, respectively, of PCI loans. The risk of credit loss on acquired loans was recognized as part of the fair value adjustment at the acquisition date.

A summary of impaired loans (excluding PCI loans) as of March 31, 2018 and December 31, 2017 is as follows:

(dollars in thousands)	March 31, 2018	December 31, 2017
Nonaccrual loans:		
Commercial	\$ 2,167	\$ 1,266
Commercial real estate	13,945	12,482
Construction and land development	765	785
Residential real estate	5,142	5,204
Consumer	210	234
Lease financing	1,261	1,346
Total nonaccrual loans	23,490	21,317
Accruing loans contractually past due 90 days or more as to interest or principal payments:		
Commercial	26	2,538
Commercial real estate	—	—
Construction and land development	—	—
Residential real estate	99	51
Consumer	30	53
Lease financing	—	—
Total accruing loans contractually past due 90 days or more as to interest or principal payments	155	2,642
Loans modified under troubled debt restructurings:		
Commercial	557	299
Commercial real estate	1,496	1,515
Construction and land development	56	58
Residential real estate	745	929
Consumer	—	—
Lease financing	—	—
Total loans modified under troubled debt restructurings	2,854	2,801
Total impaired loans (excluding PCI)	\$ 26,499	\$ 26,760

There was no interest income recognized on nonaccrual loans during the three months ended March 31, 2018 and 2017 while the loans were in nonaccrual status. Additional interest income that would have been recorded on nonaccrual loans had they been current in accordance with their original terms was \$500,000 and \$148,000 the three months ended March 31, 2018 and 2017, respectively. The Company recognized interest income on commercial and commercial real estate loans modified under troubled debt restructurings of \$30,000 and \$18,000 for the three months ended March 31, 2018 and 2017, respectively.

The following table presents impaired loans (excluding PCI loans) by portfolio and related valuation allowance as of March 31, 2018 and December 31, 2017:

	March 31, 2018			December 31, 2017		
	Recorded Investment	Unpaid Principal Balance	Related Valuation Allowance	Recorded Investment	Unpaid Principal Balance	Related Valuation Allowance
(dollars in thousands)						
Impaired loans with a valuation allowance:						
Commercial	\$ 2,257	\$ 2,323	\$ 1,458	\$ 3,237	\$ 3,297	\$ 526
Commercial real estate	2,049	2,317	180	2,297	3,508	329
Construction and land development	101	101	10	103	102	10
Residential real estate	3,636	4,212	546	4,028	4,705	566
Consumer	198	213	21	266	279	29
Lease financing	1,014	1,014	579	1,064	1,064	345
Total impaired loans with a valuation allowance	9,255	10,180	2,794	10,995	12,955	1,805
Impaired loans with no related valuation allowance:						
Commercial	493	3,807	—	866	5,782	—
Commercial real estate	13,392	19,721	—	11,700	17,359	—
Construction and land development	720	760	—	740	780	—
Residential real estate	2,350	2,649	—	2,156	2,380	—
Consumer	42	42	—	21	21	—
Lease financing	247	247	—	282	282	—
Total impaired loans with no related valuation allowance	17,244	27,226	—	15,765	26,604	—
Total impaired loans:						
Commercial	2,750	6,130	1,458	4,103	9,079	526
Commercial real estate	15,441	22,038	180	13,997	20,867	329
Construction and land development	821	861	10	843	882	10
Residential real estate	5,986	6,861	546	6,184	7,085	566
Consumer	240	255	21	287	300	29
Lease financing	1,261	1,261	579	1,346	1,346	345
Total impaired loans (excluding PCI)	\$ 26,499	\$ 37,406	\$ 2,794	\$ 26,760	\$ 39,559	\$ 1,805

The difference between a loan's recorded investment and the unpaid principal balance represents: (1) a partial charge-off resulting from a confirmed loss due to the value of the collateral securing the loan being below the loan's principal balance and management's assessment that the full collection of the loan balance is not likely and/or (2) payments received on nonaccrual loans that are fully applied to principal on the loan's recorded investment as compared to being applied to principal and interest on the unpaid customer principal and interest balance. The difference between the recorded investment and the unpaid principal balance on loans was \$10.9 million and \$12.8 million at March 31, 2018 and December 31, 2017, respectively.

The average balance of impaired loans (excluding PCI loans) and interest income recognized on impaired loans during the three months ended March 31, 2018 and 2017 are included in the table below:

(dollars in thousands)	Three Months Ended March 31,			
	2018		2017	
	Average Recorded Investment	Interest Income Recognized While on Impaired Status	Average Recorded Investment	Interest Income Recognized While on Impaired Status
Impaired loans with a valuation allowance:				
Commercial	\$ 2,291	\$ 10	\$ 3,532	\$ 1
Commercial real estate	2,104	20	2,845	17
Construction and land development	101	1	82	1
Residential real estate	3,579	10	3,494	4
Consumer	208	—	278	—
Lease financing	1,014	—	197	—
Total impaired loans with a valuation allowance	9,297	41	10,428	23
Impaired loans with no related valuation allowance:				
Commercial	518	—	828	—
Commercial real estate	13,731	—	16,085	—
Construction and land development	739	—	394	—
Residential real estate	2,370	1	1,271	—
Consumer	42	—	25	—
Lease financing	247	—	485	—
Total impaired loans with no related valuation allowance	17,647	1	19,088	—
Total impaired loans:				
Commercial	2,809	10	4,360	1
Commercial real estate	15,835	20	18,930	17
Construction and land development	840	1	476	1
Residential real estate	5,949	11	4,765	4
Consumer	250	—	303	—
Lease financing	1,261	—	682	—
Total impaired loans (excluding PCI)	\$ 26,944	\$ 42	\$ 29,516	\$ 23

The following table presents the aging status of the recorded investment in loans by portfolio (excluding PCI loans) as of March 31, 2018:

(dollars in thousands)	Accruing Loans						
	30-59 Days Past Due	60-89 Days Past Due	Past Due 90 Days or More	Nonaccrual Loans	Total Past Due	Current	Total Loans
	Commercial	\$ 2,883	\$ 1,999	\$ 26	\$ 2,167	\$ 7,075	\$ 788,356
Commercial real estate	7,927	325	—	13,945	22,197	1,732,630	1,754,827
Construction and land development	503	—	—	765	1,268	224,767	226,035
Residential real estate	1,422	341	99	5,142	7,004	546,943	553,947
Consumer	2,089	1,389	30	210	3,718	418,548	422,266
Lease financing	1,245	15	—	1,261	2,521	220,980	223,501
Total (excluding PCI)	\$ 16,069	\$ 4,069	\$ 155	\$ 23,490	\$ 43,783	\$ 3,932,224	\$ 3,976,007

The following table presents the aging status of the recorded investment in loans by portfolio (excluding PCI loans) as of December 31, 2017:

(dollars in thousands)	Accruing Loans			Nonaccrual Loans	Total Past Due	Current	Total Loans
	30-59 Days Past Due	60-89 Days Past Due	Past Due 90 Days or More				
Commercial	\$ 3,282	\$ 177	\$ 2,538	\$ 1,266	\$ 7,263	\$ 545,994	\$ 553,257
Commercial real estate	3,116	630	—	12,482	16,228	1,410,848	1,427,076
Construction and land development	1,953	—	—	785	2,738	197,115	199,853
Residential real estate	897	632	51	5,204	6,784	440,818	447,602
Consumer	2,824	1,502	53	234	4,613	366,673	371,286
Lease financing	392	—	—	1,346	1,738	203,405	205,143
Total (excluding PCI)	\$ 12,464	\$ 2,941	\$ 2,642	\$ 21,317	\$ 39,364	\$ 3,164,853	\$ 3,204,217

Troubled Debt Restructurings

A loan is categorized as a troubled debt restructuring (“TDR”) if a concession is granted to provide for a reduction of either interest or principal due to deterioration in the financial condition of the borrower. TDRs can take the form of a reduction of the stated interest rate, splitting a loan into separate loans with market terms on one loan and concessionary terms on the other loans, receipts of assets from a debtor in partial or full satisfaction of a loan, the extension of the maturity date or dates at a stated interest rate lower than the current market rate for new debt with similar risk, the reduction of the face amount or maturity of the debt as stated in the instrument or other agreement, the reduction of accrued interest, the release of a personal guarantee in a bankruptcy situation or any other concessionary type of renegotiated debt. Loans are not classified as TDRs when the modification is short-term or results in only an insignificant delay or shortfall in the payments to be received.

Loans modified as TDRs for commercial and commercial real estate loans generally consist of allowing commercial borrowers to defer scheduled principal payments and make interest only payments for a specified period of time at the stated interest rate of the original loan agreement or lower payments due to a modification of the loans’ contractual terms. TDRs that continue to accrue interest and are greater than \$50,000 are individually evaluated for impairment, on a quarterly basis, and transferred to nonaccrual status when it is probable that any remaining principal and interest payments due on the loan will not be collected in accordance with the contractual terms of the loan. TDRs that subsequently default are individually evaluated for impairment at the time of default. The allowance for loan losses on TDRs totaled \$207,000 and \$240,000 as of March 31, 2018 and December 31, 2017, respectively. The Company had no unfunded commitments in connection with TDRs at March 31, 2018 and December 31, 2017.

The Company’s TDRs are identified on a case-by-case basis in connection with the ongoing loan collection processes. The following table presents TDRs by loan portfolio (excluding PCI loans) as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Accruing ⁽¹⁾	Non-accrual ⁽²⁾	Total	Accruing ⁽¹⁾	Non-accrual ⁽²⁾	Total
Commercial	\$ 557	\$ —	\$ 557	\$ 299	\$ —	\$ 299
Commercial real estate	1,496	9,817	11,313	1,515	9,915	11,430
Construction and land development	56	—	56	58	—	58
Residential real estate	745	248	993	929	282	1,211
Consumer	—	—	—	—	—	—
Lease financing	—	—	—	—	—	—
Total loans (excluding PCI)	\$ 2,854	\$ 10,065	\$ 12,919	\$ 2,801	\$ 10,197	\$ 12,998

(1) These loans are still accruing interest.

(2) These loans are included in non-accrual loans in the preceding tables.

During the three months ended March 31, 2018, there were no loans restructured. There were also no loans modified as TDRs within the previous twelve months that subsequently defaulted during the three months ended March 31, 2018.

The following table presents a summary of loans by portfolio that were restructured during the three months ended March 31, 2017 and the loans by portfolio that were modified as TDRs within the previous twelve months that subsequently defaulted during the three months ended March 31, 2017:

(dollars in thousands)	Commercial Loan Portfolio			Other Loan Portfolio			Total
	Commercial	Commercial Real Estate	Construction and Land Development	Residential Real Estate	Consumer	Lease Financing	
For the three months ended March 31, 2017:							
<i>Troubled debt restructurings:</i>							
Number of loans	1	—	—	—	—	—	1
Pre-modification outstanding balance	\$ 362	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 362
Post-modification outstanding balance	353	—	—	—	—	—	353
<i>Troubled debt restructurings that subsequently defaulted</i>							
Number of loans	—	—	—	—	—	—	—
Recorded balance	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Purchased Credit Impaired Loans

Purchased loans acquired in a business combination are recorded at estimated fair value on their purchase date without a carryover of the related allowance for loan losses. PCI loans are purchased loans that have evidence of credit deterioration since origination, and it is probable at the date of acquisition that the Company will not collect all contractually required principal and interest payments. Evidence of credit quality deterioration as of the purchase date may include factors such as past due and nonaccrual status. The difference between contractually required principal and interest at acquisition and the cash flows expected to be collected at acquisition is referred to as the non-accretable difference. Subsequent decreases to the expected cash flows will generally result in impairment, which is recorded as provision for loan losses in the consolidated statements of income. Subsequent increases in cash flows result in a reversal of the provision for loan losses to the extent of prior charges or a reclassification of the difference from non-accretable to accretable with a positive impact on interest income. Further, any excess cash flows expected at acquisition over the estimated fair value is referred to as the accretable yield and is recognized into interest income over the remaining life of the loan when there is a reasonable expectation about the amount and timing of such cash flows. Accretion recorded as loan interest income totaled \$1.2 million and \$2.2 million during the three months ended March 31, 2018 and 2017, respectively.

Accretable yield of PCI loans, or income expected to be collected, is as follows:

(dollars in thousands)	Three Months Ended March 31,	
	2018	2017
Balance, at beginning of period	\$ 5,732	\$ 9,035
New loans purchased – Alpine acquisition	842	—
Accretion	(1,161)	(2,243)
Other adjustments (including maturities, charge-offs and impact of changes in timing of expected cash flows)	660	9
Reclassification from non-accretable	1,154	2,032
Balance, at end of period	<u>\$ 7,227</u>	<u>\$ 8,833</u>

Allowance for Loan Losses

The Company’s loan portfolio is principally comprised of commercial, commercial real estate, construction and land development, residential real estate and consumer loans and lease financing receivables. The principal risks to each category of loans are as follows:

Commercial – The principal risk of commercial loans is that these loans are primarily made based on the identified cash flow of the borrower and secondarily on the collateral underlying the loans. Most often, this collateral consists of accounts receivable, inventory and equipment. Inventory and equipment may depreciate over time, may be difficult to appraise and may fluctuate in value based on the success of the business. If the cash flow from business operations is reduced, the borrower’s ability to repay the loan may be impaired. As such, repayment of such loans is often more sensitive than other types of loans to adverse conditions in the general economy.

Commercial real estate – As with commercial loans, repayment of commercial real estate loans is often dependent on the borrower’s ability to make repayment from the cash flow of the commercial venture. While commercial real estate loans are collateralized by the borrower’s underlying real estate, foreclosure on such assets may be more difficult than with other types of collateralized loans because of the possible effect the foreclosure would have on the borrower’s business, and property values may tend to be partially based upon the value of the business situated on the property.

Construction and land development – Construction and land development lending involves additional risks not generally present in other types of lending because funds are advanced upon the estimated future value of the project, which is uncertain prior to its completion and at the time the loan is made, and costs may exceed realizable values in declining real estate markets. Moreover, if the estimate of the value of the completed project proves to be overstated or market values or rental rates decline, the collateral may prove to be inadequate security for the repayment of the loan. Additional funds may also be required to complete the project, and the project may have to be held for an unspecified period of time before a disposition can occur.

Residential real estate – The principal risk to residential real estate lending is associated with residential loans not sold into the secondary market. In such cases, the value of the underlying property may have deteriorated as a result of a change in the residential real estate market, and the borrower may have little incentive to repay the loan or continue living in the property. Additionally, in areas with high vacancy rates, reselling the property without substantial loss may be difficult.

Consumer – The repayment of consumer loans is typically dependent on the borrower remaining employed through the life of the loan, as well as the possibility that the collateral underlying the loan may not be adequately maintained by the borrower.

Lease financing – Our indirect financing leases are primarily for business equipment leased to varying types of small businesses. If the cash flow from business operations is reduced, the business’s ability to repay may become impaired.

Changes in the allowance for loan losses for the three months ended March 31, 2018 and 2017 were as follows:

(dollars in thousands)	Three Months Ended March 31,					
	2018			2017		
	Non-PCI Loans	PCI Loans	Total	Non-PCI Loans	PCI Loans	Total
Balance, beginning of period	\$ 14,902	\$ 1,529	\$ 16,431	\$ 13,744	\$ 1,118	\$ 14,862
Provision for loan losses	1,871	135	2,006	1,405	128	1,533
Charge-offs	(1,130)	(11)	(1,141)	(1,167)	—	(1,167)
Recoveries	408	—	408	519	58	577
Net loan (charge-offs) recoveries	(722)	(11)	(733)	(648)	58	(590)
Balance, end of period	\$ 16,051	\$ 1,653	\$ 17,704	\$ 14,501	\$ 1,304	\$ 15,805

The following table represents, by loan portfolio, a summary of changes in the allowance for loan losses for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	Commercial Loan Portfolio			Other Loan Portfolio			Total
	Commercial	Commercial Real Estate	Construction and Land Development	Residential Real Estate	Consumer	Lease Financing	
Changes in allowance for loan losses for the three months ended March 31, 2018:							
Balance, beginning of period	\$ 5,256	\$ 5,044	\$ 518	\$ 2,750	\$ 1,344	\$ 1,519	\$ 16,431
Provision for loan losses	567	507	(215)	(261)	304	1,104	2,006
Charge-offs	(25)	(160)	—	(36)	(434)	(486)	(1,141)
Recoveries	104	94	25	51	95	39	408
Balance, end of period	\$ 5,902	\$ 5,485	\$ 328	\$ 2,504	\$ 1,309	\$ 2,176	\$ 17,704
Changes in allowance for loan losses for the three months ended March 31, 2017:							
Balance, beginning of period	\$ 5,920	\$ 3,225	\$ 345	\$ 2,929	\$ 930	\$ 1,513	\$ 14,862
Provision for loan losses	70	821	92	30	482	38	1,533
Charge-offs	(9)	(296)	—	(172)	(176)	(514)	(1,167)
Recoveries	53	180	23	55	48	218	577
Balance, end of period	\$ 6,034	\$ 3,930	\$ 460	\$ 2,842	\$ 1,284	\$ 1,255	\$ 15,805

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The following table represents, by loan portfolio, details regarding the balance in the allowance for loan losses and the recorded investment in loans as of March 31, 2018 and December 31, 2017 by impairment evaluation method:

(dollars in thousands)	Commercial Loan Portfolio			Other Loan Portfolio			Total
	Commercial	Commercial Real Estate	Construction and Land Development	Residential Real Estate	Consumer	Lease Financing	
March 31, 2018:							
Allowance for loan losses:							
Loans individually evaluated for impairment	\$ 1,426	\$ 101	\$ 5	\$ 289	\$ —	\$ 532	\$ 2,353
Loans collectively evaluated for impairment	32	79	5	257	21	47	441
Non-impaired loans collectively evaluated for impairment	3,892	4,913	308	1,408	1,139	1,597	13,257
Loans acquired with deteriorated credit quality ⁽¹⁾	552	392	10	550	149	—	1,653
Total allowance for loan losses	<u>\$ 5,902</u>	<u>\$ 5,485</u>	<u>\$ 328</u>	<u>\$ 2,504</u>	<u>\$ 1,309</u>	<u>\$ 2,176</u>	<u>\$ 17,704</u>
Recorded investment (loan balance):							
Impaired loans individually evaluated for impairment	\$ 2,455	\$ 14,717	\$ 776	\$ 3,446	\$ —	\$ 825	\$ 22,219
Impaired loans collectively evaluated for impairment	295	724	45	2,540	240	436	4,280
Non-impaired loans collectively evaluated for impairment	792,681	1,739,386	225,214	547,961	422,026	222,240	3,949,508
Loans acquired with deteriorated credit quality ⁽¹⁾	7,321	18,683	8,802	16,374	1,963	—	53,143
Total recorded investment (loan balance)	<u>\$ 802,752</u>	<u>\$ 1,773,510</u>	<u>\$ 234,837</u>	<u>\$ 570,321</u>	<u>\$ 424,229</u>	<u>\$ 223,501</u>	<u>\$ 4,029,150</u>
December 31, 2017:							
Allowance for loan losses:							
Loans individually evaluated for impairment	\$ 221	\$ 281	\$ 5	\$ 302	\$ —	\$ 261	\$ 1,070
Loans collectively evaluated for impairment	305	48	5	264	29	84	735
Non-impaired loans collectively evaluated for impairment	4,230	4,379	504	1,644	1,166	1,174	13,097
Loans acquired with deteriorated credit quality ⁽¹⁾	500	336	4	540	149	—	1,529
Total allowance for loan losses	<u>\$ 5,256</u>	<u>\$ 5,044</u>	<u>\$ 518</u>	<u>\$ 2,750</u>	<u>\$ 1,344</u>	<u>\$ 1,519</u>	<u>\$ 16,431</u>
Recorded investment (loan balance):							
Impaired loans individually evaluated for impairment	\$ 1,285	\$ 13,554	\$ 797	\$ 3,700	\$ 4	\$ 568	\$ 19,908
Impaired loans collectively evaluated for impairment	2,818	443	46	2,484	283	778	6,852
Non-impaired loans collectively evaluated for impairment	549,154	1,413,079	199,010	441,418	370,999	203,797	3,177,457
Loans acquired with deteriorated credit quality ⁽¹⁾	2,673	12,935	734	5,950	169	—	22,461
Total recorded investment (loan balance)	<u>\$ 555,930</u>	<u>\$ 1,440,011</u>	<u>\$ 200,587</u>	<u>\$ 453,552</u>	<u>\$ 371,455</u>	<u>\$ 205,143</u>	<u>\$ 3,226,678</u>

(1) Loans acquired with deteriorated credit quality were originally recorded at fair value at the acquisition date and the risk of credit loss was recognized at that date based on estimates of expected cash flows.

Note 6 – Premises and Equipment, Net

A summary of premises and equipment as of March 31, 2018 and December 31, 2017 is as follows:

(dollars in thousands)	March 31, 2018	December 31, 2017
Land	\$ 19,613	\$ 16,109
Buildings and improvements	79,227	63,837
Furniture and equipment	27,319	25,843
Total	126,159	105,789
Accumulated depreciation	(30,827)	(29,627)
Premises and equipment, net	<u>\$ 95,332</u>	<u>\$ 76,162</u>

Depreciation expense was recorded at \$1.5 million and \$1.1 million for the three months ended March 31, 2018 and 2017, respectively.

Note 7 – Mortgage Servicing Rights

At March 31, 2018 and December 31, 2017, the Company serviced mortgage loans for others with unpaid principal balances of approximately \$5.44 billion and \$5.97 billion, respectively. A summary of mortgage loans serviced for others as of March 31, 2018 and December 31, 2017 is as follows:

(dollars in thousands)	March 31, 2018	December 31, 2017
Commercial FHA mortgage loans	\$ 4,002,907	\$ 3,976,795
Residential mortgage loans	1,437,854	1,989,785
Total loans serviced for others	<u>\$ 5,440,761</u>	<u>\$ 5,966,580</u>

Changes in our mortgage servicing rights were as follows for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	Three Months Ended March 31,	
	2018	2017
Mortgage servicing rights:		
Balance, beginning of period	\$ 60,383	\$ 71,710
Servicing rights capitalized – commercial FHA mortgage loans	1,001	1,481
Servicing rights capitalized – residential mortgage loans	70	518
Amortization – commercial FHA mortgage loans	(676)	(639)
Amortization – residential mortgage loans	(187)	(735)
Other-than-temporary impairment - residential mortgage loans	(777)	—
Balance, end of period	<u>59,814</u>	<u>72,335</u>
Valuation allowances:		
Balance, beginning of period	4,031	3,702
Additions	133	188
Reductions	—	(112)
Other-than-temporary impairment - residential mortgage loans	(777)	—
Balance, end of period	<u>3,387</u>	<u>3,778</u>
Mortgage servicing rights, net	<u>\$ 56,427</u>	<u>\$ 68,557</u>
Fair value:		
At beginning of period	\$ 56,352	\$ 68,008
At end of period	<u>\$ 57,051</u>	<u>\$ 68,557</u>

During 2017, the Company transferred \$14.2 million of residential mortgage servicing rights, net of valuation allowance, to mortgage servicing rights held for sale. The sale was completed on January 2, 2018.

The following table is a summary of key assumptions, representing both general economic and other published information and the weighted average characteristics of the commercial and residential portfolios, used in the valuation of servicing rights at March 31, 2018 and December 31, 2017. Assumptions used in the prepayment rate consider many factors as appropriate, including lockouts, balloons, prepayment penalties, interest rate ranges, delinquencies and geographic location. The discount rate is based on an average pre-tax internal rate of return utilized by market participants in pricing the servicing portfolios. Significant increases or decreases in any one of these assumptions would result in a significantly lower or higher fair value measurement.

(dollars in thousands)	Servicing Fee	Interest Rate	Remaining Years to Maturity	Prepayment Rate	Servicing Cost	Discount Rate
March 31, 2018:						
Commercial FHA mortgage loans	0.13 %	3.66 %	30.3	8.26 %	\$ 1,000	11.02 %
Residential mortgage loans	0.27 %	3.93 %	22.1	8.66 %	\$ 76	11.03 %
December 31, 2017:						
Commercial FHA mortgage loans	0.12 %	3.67 %	30.3	8.27 %	\$ 1,000	11.02 %
Residential mortgage loans	0.26 %	3.93 %	23.2	11.52 %	\$ 71	10.09 %

We recognize revenue from servicing commercial FHA and residential mortgages as earned based on the specific contractual terms. This revenue, along with amortization of and changes in impairment on servicing rights, is reported in commercial FHA revenue and residential mortgage banking revenue in the consolidated statements of income. Mortgage servicing rights do not trade in an active market with readily observable prices. The fair value of

mortgage servicing rights and their sensitivity to changes in interest rates is influenced by the mix of the servicing portfolio and characteristics of each segment of the portfolio. The Company's servicing portfolio consists of the distinct portfolios of government-insured residential and commercial mortgages and conventional residential mortgages. The fair value of our servicing rights is estimated by using a cash flow valuation model which calculates the present value of estimated future net servicing cash flows, taking into consideration expected mortgage loan prepayment rates, discount rates, cost to service, contractual servicing fee income, ancillary income, late fees, replacement reserves and other economic factors that are determined based on current market conditions.

Note 8 – Goodwill and Intangible Assets

At March 31, 2018 and December 31, 2017, goodwill totaled \$155.7 million and \$98.6 million, respectively, reflecting an increase of approximately \$57.0 million as a result of the acquisition of Alpine on February 28, 2018, as further discussed in Note 3 to the consolidated financial statements.

The Company's intangible assets, consisting of core deposit and customer relationship intangibles, as of March 31, 2018 and December 31, 2017 are summarized as follows:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Gross Carrying Amount	Accumulated Amortization	Total	Gross Carrying Amount	Accumulated Amortization	Total
Core deposit intangibles	\$ 55,728	\$ (20,445)	\$ 35,283	\$ 31,612	\$ (18,943)	\$ 12,669
Customer relationship intangibles	14,571	(3,381)	11,190	7,471	(3,208)	4,263
Total intangible assets	\$ 70,299	\$ (23,826)	\$ 46,473	\$ 39,083	\$ (22,151)	\$ 16,932

In conjunction with the acquisition of Alpine on February 28, 2018, we recorded \$24.1 million of core deposit intangibles and \$7.1 million of customer relationship intangibles, which are being amortized on an accelerated basis over an estimated useful life of six years and 13 years, respectively, as further discussed in Note 3 to the consolidated financial statements.

Amortization of intangible assets was \$1.7 million and \$525,000 for the three months ended March 31, 2018 and 2017, respectively.

Note 9 – Derivative Instruments

As part of the Company's overall management of interest rate sensitivity, the Company utilizes derivative instruments to minimize significant, unanticipated earnings fluctuations caused by interest rate volatility, including interest rate lock commitments and forward commitments to sell mortgage-backed securities.

Interest Rate Lock Commitments / Forward Commitments to Sell Mortgage-Backed Securities

Derivative instruments issued by the Company consist of interest rate lock commitments to originate fixed-rate loans to be sold. Commitments to originate fixed-rate loans consist of commercial and residential real estate loans. The interest rate lock commitments and loans held for sale are hedged with forward contracts to sell mortgage-backed securities. The fair value of the interest rate lock commitments and forward contracts to sell mortgage-backed securities are included in other assets or other liabilities in the consolidated balance sheets. Changes in the fair value of derivative

financial instruments are recognized in commercial FHA revenue and residential mortgage banking revenue in the consolidated statements of income.

The following table summarizes the interest rate lock commitments and forward commitments to sell mortgage-backed securities held by the Company, their notional amount, estimated fair values and the location in which the derivative instruments are reported in the consolidated balances sheets at March 31, 2018 and December 31, 2017:

(dollars in thousands)	Notional Amount		Fair Value Gain	
	March 31, 2018	December 31, 2017	March 31, 2018	December 31, 2017
Derivative Instruments (included in Other Assets):				
Interest rate lock commitments	\$ 372,726	\$ 345,152	\$ 6,380	\$ 6,331
Forward commitments to sell mortgage-backed securities	350,157	372,824	5	31
Total	<u>\$ 722,883</u>	<u>\$ 717,976</u>	<u>\$ 6,385</u>	<u>\$ 6,362</u>

(dollars in thousands)	Notional Amount		Fair Value Loss	
	March 31, 2018	December 31, 2017	March 31, 2018	December 31, 2017
Derivative Instruments (included in Other Liabilities):				
Forward commitments to sell mortgage-backed securities	\$ 6,780	\$ —	\$ 19	\$ —

Net gains of \$53,000 and \$1.5 million were recognized on derivative instruments for the three months ended March 31, 2018 and 2017. Net gains and losses on derivative instruments were recognized in commercial FHA revenue and residential mortgage banking revenue in the consolidated statements of income.

Interest Rate Swap Contracts

The Company entered into derivative instruments related to interest rate swap contracts sold to commercial customers who wish to modify their interest rate sensitivity. These swaps are offset by contracts simultaneously purchased by the Company from other financial dealer institutions with mirror-image terms. Because of the mirror-image terms of the offsetting contracts, in addition to collateral provisions which mitigate the impact of non-performance risk, changes in the fair value subsequent to initial recognition have a minimal effect on earnings. These derivative contracts do not qualify for hedge accounting.

The notional amounts of these customer derivative instruments and the offsetting counterparty derivative instruments were \$9.9 million at March 31, 2018 and \$10.0 million at December 31, 2017. The fair value of the customer derivative instruments and the offsetting counterparty derivative instruments was \$219,000 at March 31, 2018 and \$17,000 at December 31, 2017, which are included in other assets and other liabilities, respectively, on the consolidated balance sheets.

Note 10 – Deposits

The following table summarizes the classification of deposits as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018	December 31, 2017
Noninterest-bearing demand	\$ 1,037,710	\$ 724,443
Interest-bearing:		
Checking	993,253	785,934
Money market	840,415	646,426
Savings	466,887	281,212
Time	895,550	693,074
Total deposits	<u>\$ 4,233,815</u>	<u>\$ 3,131,089</u>

Note 11 – Short-Term Borrowings

The following table presents the distribution of short-term borrowings and related weighted average interest rates as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	Repurchase Agreements	
	March 31, 2018	December 31, 2017
Outstanding at period-end	\$ 130,693	\$ 156,126
Average amount outstanding	148,703	163,461
Maximum amount outstanding at any month end	173,387	196,278
Weighted average interest rate:		
During period	0.34 %	0.23 %
End of period	0.31 %	0.28 %

Securities sold under agreements to repurchase, which are classified as secured borrowings, generally mature within one to four days from the transaction date. Securities sold under agreements to repurchase are reflected at the amount of cash received in connection with the transaction, which represents the amount of the Bank’s obligation. The Bank may be required to provide additional collateral based on the fair value of the underlying securities. Investment securities with a carrying amount of \$129.7 million and \$157.2 million at March 31, 2018 and December 31, 2017, respectively, were pledged for securities sold under agreements to repurchase.

The Company had lines of credit of \$74.5 million and \$32.5 million at March 31, 2018 and December 31, 2017, respectively, from the Federal Reserve Discount Window. The lines are collateralized by collateral agreements totaling \$74.5 million and \$36.5 million at March 31, 2018 and December 31, 2017, respectively. There were no outstanding borrowings at March 31, 2018 and December 31, 2017.

At March 31, 2018, the Company had federal funds lines of credit totaling \$97.5 million. The lines of credit were unused at March 31, 2018.

Note 12 – FHLB Advances and Other Borrowings

The following table summarizes our Federal Home Loan Bank (“FHLB”) advances and other borrowings as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018	December 31, 2017
Midland States Bancorp, Inc.		
Term loan - variable interest rate equal to LIBOR plus 2.25%, which was 3.94% and 3.63% at March 31, 2018 and December 31, 2017, respectively, – maturing through May 25, 2020	\$ 37,117	\$ 37,113
Series G redeemable preferred stock - 181 shares at \$1,000 per share	181	181
Midland States Bank		
FHLB advances – fixed rate, fixed term of \$177.0 million and \$145.0 million, at rates averaging 1.54% and 1.35% at March 31, 2018 and December 31, 2017, respectively – maturing through June 2021, putable fixed rate of \$305.0 million at rates averaging 1.29% at both March 31, 2018 and December 31, 2017 – maturing through December 2024 with call provisions through December 2020, and callable fixed rate of \$50.0 million, at a rate of 2.56% at March 31, 2018, maturing in May 2019	532,126	450,137
FHLB advances – variable rate, fixed term, at rates averaging 1.20% at December 31, 2017 – matured in March 2018	—	9,000
Other	2	5
Alpine Bank		
FHLB advances - fixed rate, fixed term, at rates averaging 2.33% at March 31, 2018 - maturing through February 2023.	18,067	—
Total FHLB advances and other borrowings	<u>\$ 587,493</u>	<u>\$ 496,436</u>

In 2017, the Company entered into a loan agreement with another bank for a revolving line of credit in the original principal amount of up to \$10.0 million and a term loan in the original principal amount of \$40.0 million. The revolving line of credit matures on May 24, 2018 and has a variable rate of interest equal to one-month LIBOR plus 2.00%. There were no advances made on the line of credit as of March 31, 2018. The term loan matures on May 25, 2020 and has a variable rate of interest equal to one-month LIBOR plus 2.25%. Beginning September 1, 2017, the Company was required to begin making quarterly principal and interest payments on the term loan of \$1.4 million with the remaining principal and any unpaid interest due at maturity. The loan is unsecured with a negative pledge of shares

of the Company's common stock. The loan agreement contains financial covenants that require the Company to maintain a minimum total capital to risk-weighted assets ratio, a minimum adjusted loan loss reserves to nonperforming loans ratio, a minimum fixed charge coverage ratio and a maximum percentage of nonperforming assets to tangible capital. At March 31, 2018, the Company was in compliance with each of these financial covenants.

The Bank's advances from the FHLB are collateralized by a blanket collateral agreement of qualifying mortgage and home equity line of credit loans and certain commercial real estate loans totaling approximately \$2.01 billion and \$1.86 billion at March 31, 2018 and December 31, 2017, respectively.

Note 13 – Earnings Per Share

Earnings per share are calculated utilizing the two-class method. Basic earnings per share are calculated by dividing the sum of distributed earnings to common shareholders and undistributed earnings allocated to common shareholders by the weighted average number of common shares outstanding. Diluted earnings per share are calculated by dividing the sum of distributed earnings to common shareholders and undistributed earnings allocated to common shareholders by the weighted average number of shares adjusted for the dilutive effect of common stock awards using the treasury stock method (outstanding stock options and unvested restricted stock) and common stock warrants. Presented below are the calculations for basic and diluted earnings per common share for the three months ended March 31, 2018 and 2017:

	Three Months Ended March 31,	
	2018	2017
(dollars in thousands, except per share data)		
Net income	\$ 1,806	\$ 8,490
Preferred stock dividends	(83)	—
Amortization of preferred stock premium	47	—
Net income available to common equity	1,770	8,490
Common shareholder dividends	(4,208)	(3,109)
Unvested restricted stock award dividends	(31)	(20)
Undistributed earnings to unvested restricted stock awards	—	(32)
Undistributed earnings to common shareholders	\$ (2,469)	\$ 5,329
Basic		
Distributed earnings to common shareholders	\$ 4,208	\$ 3,109
Undistributed earnings to common shareholders	(2,469)	5,329
Total common shareholders earnings, basic	\$ 1,739	\$ 8,438
Diluted		
Distributed earnings to common shareholders	\$ 4,208	\$ 3,109
Undistributed earnings to common shareholders	(2,469)	5,329
Total common shareholders earnings	1,739	8,438
Add back:		
Undistributed earnings reallocated from unvested restricted stock awards	—	1
Total common shareholders earnings, diluted	\$ 1,739	\$ 8,439
Weighted average common shares outstanding, basic	20,901,738	15,736,412
Options and warrants	449,773	615,225
Weighted average common shares outstanding, diluted	21,351,511	16,351,637
Basic earnings per common share	\$ 0.08	\$ 0.54
Diluted earnings per common share	0.08	0.52

Note 14 – Fair Value of Financial Instruments

ASC 820, *Fair Value Measurements*, defines fair value, establishes a framework for measuring fair value including a three-level valuation hierarchy, and expands disclosures about fair value measurements. Fair value is defined as the exchange price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date reflecting assumptions that a market participant would use when pricing an asset or liability. The hierarchy uses three levels of inputs to measure the fair value of assets and liabilities as follows:

- Level 1: Unadjusted quoted prices for identical assets or liabilities traded in active markets.
- Level 2: Observable inputs other than Level 1, including quoted prices for similar assets and liabilities in active markets, quoted prices in less active markets, or other observable inputs that can be corroborated by observable market data, either directly or indirectly, for substantially the full term of the financial instrument.
- Level 3: Inputs to a valuation methodology that is unobservable, supported by little or no market activity, and significant to the fair value measurement. These valuation methodologies generally include pricing models, discounted cash flow models, or a determination of fair value that requires significant management judgment or estimation. This category also includes observable inputs from a pricing service not corroborated by observable market data, such as pricing corporate securities.

Fair value is used on a recurring basis to account for securities available for sale and derivative instruments, and for financial assets for which the Company has elected the fair value option. For assets and liabilities measured at the lower of cost or fair value, the fair value measurement criteria may or may not be met during a reporting period and such measurements are therefore considered “nonrecurring” for purposes of disclosing our fair value measurements. Fair value is used on a nonrecurring basis to adjust carrying values for impaired loans and other real estate owned and also to record impairment on certain assets, such as mortgage servicing rights, goodwill, intangible assets and other long-lived assets.

Assets and liabilities measured and recorded at fair value, including financial assets for which the Company has elected the fair value option, on a recurring and nonrecurring basis as of March 31, 2018 and December 31, 2017, are summarized below:

(dollars in thousands)	March 31, 2018			
	Total	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Assets and liabilities measured at fair value on a recurring basis:				
Assets				
Investment securities available for sale:				
U.S. Treasury securities	\$ 39,646	\$ 39,646	\$ —	\$ —
Government sponsored entity debt securities	87,065	—	87,065	—
Agency mortgage-backed securities	358,745	—	358,745	—
State and municipal securities	181,724	—	181,724	—
Corporate securities	59,780	—	54,993	4,787
Equity securities	11,212	—	11,212	—
Loans held for sale	25,267	—	25,267	—
Interest rate lock commitments	6,380	—	6,380	—
Forward commitments to sell mortgage-backed securities	5	—	5	—
Interest rate swap contracts	219	—	219	—
Total	<u>\$ 770,043</u>	<u>\$ 39,646</u>	<u>\$ 725,610</u>	<u>\$ 4,787</u>
Liabilities				
Forward commitments to sell mortgage-backed securities	\$ 19	\$ —	\$ 19	\$ —
Interest rate swap contracts	219	—	219	—
Total	<u>\$ 238</u>	<u>\$ —</u>	<u>\$ 238</u>	<u>\$ —</u>
Assets measured at fair value on a non-recurring basis:				
Mortgage servicing rights	\$ 56,427	\$ —	\$ —	\$ 56,427
Mortgage servicing rights held for sale	3,962	3,962	—	—
Impaired loans	2,888	—	1,209	1,679

December 31, 2017				
(dollars in thousands)	Total	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Assets and liabilities measured at fair value on a recurring basis:				
Assets				
Investment securities available for sale:				
U.S. Treasury securities	\$ 27,718	\$ 27,718	\$ —	\$ —
Government sponsored entity debt securities	25,211	—	25,211	—
Agency mortgage-backed securities	232,387	—	232,387	—
State and municipal securities	102,567	—	102,567	—
Corporate securities	59,812	—	55,033	4,779
Equity securities	2,830	—	2,830	—
Loans held for sale	50,089	—	50,089	—
Interest rate lock commitments	6,331	—	6,331	—
Forward commitments to sell mortgage-backed securities	31	—	31	—
Interest rate swap contracts	17	—	17	—
Total	<u>\$ 506,993</u>	<u>\$ 27,718</u>	<u>\$ 474,496</u>	<u>\$ 4,779</u>
Liabilities				
Interest rate swap contracts	<u>\$ 17</u>	<u>\$ —</u>	<u>\$ 17</u>	<u>\$ —</u>
Assets measured at fair value on a non-recurring basis:				
Mortgage servicing rights	\$ 56,352	\$ —	\$ —	\$ 56,352
Mortgage servicing rights held for sale	10,176	10,176	—	—
Impaired loans	9,385	—	7,631	1,754
Other real estate owned	801	—	801	—
Assets held for sale	3,358	—	3,358	—

The following table presents losses recognized on assets measured on a non-recurring basis for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	Three Months Ended March 31,	
	2018	2017
Mortgage servicing rights	\$ 133	\$ 76
Impaired loans	875	350
Other real estate owned	—	171
Total loss on assets measured on a nonrecurring basis	<u>\$ 1,008</u>	<u>\$ 597</u>

The following table presents activity for assets measured at fair value on a recurring basis using significant unobservable inputs (Level 3) for the three months ended March 31, 2018:

(dollars in thousands)	Corporate Securities
Balance, beginning of period	\$ 4,779
Total realized in earnings ⁽¹⁾	56
Total unrealized in other comprehensive income	—
Net settlements (principal and interest)	(48)
Balance, end of period	<u>\$ 4,787</u>

(1) Amounts included in interest income from investment securities taxable in the consolidated statements of income.

The following table presents activity for assets measured at fair value on a recurring basis using significant unobservable inputs (Level 3) for the three months ended March 31, 2017:

(dollars in thousands)	Corporate Securities	Non-Agency Mortgage-Backed Securities
Balance, beginning of period	\$ 7,480	\$ 1
Total realized in earnings ⁽¹⁾	95	—
Total unrealized in other comprehensive income	245	—
Net settlements (principal and interest)	(86)	(1)
Balance, end of period	\$ 7,734	\$ —

(1) Amounts included in interest income from investment securities taxable in the consolidated statements of income.

The following table presents quantitative information about significant unobservable inputs used in fair value measurements of non-recurring assets (Level 3) at March 31, 2018 (in thousands):

Non-recurring fair value measurements	Fair Value	Valuation technique	Unobservable input / assumptions	Range (weighted average)
Mortgage servicing rights	\$ 56,427	Discounted cash flow	Prepayment speed	6.00% - 42.90% (8.36%)
			Discount rate	8.00% - 14.50% (11.02%)
Impaired loans	\$ 1,679	Discounted cash flow	Discount rate	4.84% - 8.10% (6.54%)

Mortgage Servicing Rights. When mortgage loans are sold with servicing rights retained, servicing rights are initially recorded at fair value with the effect recorded in net gain on sales of loans in the consolidated statements of operations. Fair value is based on market prices for comparable mortgage servicing contracts, when available, or, alternatively, is based on a valuation model that calculates the present value of estimated future net servicing income.

The Company utilizes the amortization method to subsequently measure the carrying value of its servicing rights. In accordance with GAAP, the Company must record impairment charges on a non-recurring basis when the carrying value exceeds the estimated fair value. The fair value of our servicing rights is estimated by using a cash flow valuation model which calculates the present value of estimated future net servicing cash flows, taking into consideration expected mortgage loan prepayment rates, discount rates, servicing costs, replacement reserves and other economic factors which are estimated based on current market conditions. The determination of fair value of servicing rights relies upon Level 3 inputs. The fair value of mortgage servicing rights was \$56.4 million at both March 31, 2018 and December 31, 2017.

Impaired loans. Impaired loans are measured and recorded at fair value on a non-recurring basis. All of our nonaccrual loans and restructured loans are considered impaired and are reviewed individually for the amount of impairment, if any. Most of our loans are collateral dependent and, accordingly, we measure impaired loans based on the estimated fair value of such collateral. The fair value of each loan's collateral is generally based on estimated market prices from an independently prepared appraisal, which is then adjusted for the cost related to liquidating such collateral; such valuation inputs result in a nonrecurring fair value measurement that is categorized as a Level 2 measurement. When adjustments are made to an appraised value to reflect various factors such as the age of the appraisal or known changes in the market or the collateral, such valuation inputs are considered unobservable and the fair value measurement is categorized as a Level 3 measurement. The impaired loans categorized as Level 3 also include unsecured loans and other secured loans whose fair values are based significantly on unobservable inputs such as the strength of a guarantor, cash flows discounted at the effective loan rate, and management's judgment.

ASC Topic 825, *Financial Instruments*, requires disclosure of the estimated fair value of certain financial instruments and the methods and significant assumptions used to estimate such fair values. Additionally, certain financial instruments and all nonfinancial instruments are excluded from the applicable disclosure requirements.

The Company has elected the fair value option for newly originated residential and commercial loans held for sale. These loans are intended for sale and are hedged with derivative instruments. We have elected the fair value option to mitigate accounting mismatches in cases where hedge accounting is complex and to achieve operational simplification.

The following table presents the difference between the aggregate fair value and the aggregate remaining principal balance for loans for which the fair value option has been elected as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Aggregate fair value	Difference	Contractual principal	Aggregate fair value	Difference	Contractual principal
Residential loans held for sale	\$ 17,828	\$ 383	\$ 17,445	\$ 12,241	\$ 374	\$ 11,867
Commercial loans held for sale	7,439	108	7,331	37,846	343	37,503
Total loans held for sale	\$ 25,267	\$ 491	\$ 24,776	\$ 50,087	\$ 717	\$ 49,370

The following table presents the amount of gains and losses from fair value changes included in income before income taxes for financial assets carried at fair value for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	Three Months Ended	
	March 31, 2018	March 31, 2017
Residential loans held for sale	\$ 61	\$ 200
Commercial loans held for sale	(409)	(426)
Total loans held for sale	\$ (348)	\$ (226)

The Company adopted ASU No. 2016-01, effective January 1, 2018. Adoption of the standard resulted in the use of an exit price rather than an entrance price to determine the fair value of loans, excluding loans held-for-sale, time deposits, FHLB and other borrowings, subordinated debt, and trust preferred debentures as of March 31, 2018. Although the exit price notion represents the value that would be received to sell an asset or paid to transfer a liability, the actual prices received for a sale of assets or paid to transfer liabilities could be different from the exit price disclosed.

The following tables are a summary of the carrying values and fair value estimates of certain financial instruments as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018				
	Carrying Amount	Fair Value	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Assets					
Cash and due from banks	\$ 330,233	\$ 330,233	\$ 330,233	\$ —	\$ —
Federal funds sold	950	950	950	—	—
Investment securities available for sale	726,960	726,960	39,646	682,527	4,787
Equity Securities	11,212	11,212	—	11,212	—
Nonmarketable equity securities	38,868	38,868	—	38,868	—
Loans, net	4,011,446	3,961,464	—	—	3,961,464
Loans held for sale	25,267	25,267	—	25,267	—
Accrued interest receivable	15,048	15,048	—	15,048	—
Interest rate lock commitments	218	218	—	218	—
Forward commitments to sell mortgage-backed securities	5	—	—	5	—
Interest rate swap contracts	219	—	—	219	—
Liabilities					
Deposits	\$ 4,233,815	\$ 4,223,048	\$ —	\$ 4,223,048	\$ —
Short-term borrowings	130,693	130,693	—	130,693	—
FHLB and other borrowings	587,493	584,597	—	584,597	—
Subordinated debt	94,013	91,872	—	91,872	—
Trust preferred debentures	47,443	51,668	—	51,668	—
Accrued interest payable	4,768	4,768	—	4,768	—
Interest rate swap contracts	218	218	—	218	—

(dollars in thousands)	December 31, 2017				
	Carrying Amount	Fair Value	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Assets					
Cash and due from banks	\$ 214,519	\$ 214,519	\$ 214,519	\$ —	\$ —
Federal funds sold	683	683	683	—	—
Investment securities available for sale	450,525	450,525	27,718	418,028	4,779
Nonmarketable equity securities	34,796	34,796	—	34,796	—
Loans, net	3,210,247	3,200,016	—	—	3,200,016
Loans held for sale	50,089	50,089	—	50,089	—
Accrued interest receivable	11,715	11,715	—	11,715	—
Interest rate lock commitments	6,331	6,331	—	6,331	—
Forward commitments to sell mortgage-backed securities	31	31	—	31	—
Interest rate swap contracts	17	17	—	17	—
Liabilities					
Deposits	\$ 3,131,089	\$ 3,127,626	\$ —	\$ 3,127,626	\$ —
Short-term borrowings	156,126	156,126	—	156,126	—
FHLB and other borrowings	496,436	494,634	—	494,634	—
Subordinated debt	93,972	90,860	—	90,860	—
Trust preferred debentures	45,379	46,069	—	46,069	—
Accrued interest payable	2,531	2,531	—	2,531	—
Interest rate swap contracts	17	17	—	17	—

Note 15 – Commitments, Contingencies and Credit Risk

In the normal course of business, there are outstanding various contingent liabilities such as claims and legal actions, which are not reflected in the consolidated financial statements. No material losses are anticipated as a result of these actions or claims.

We are a party to financial instruments with off-balance-sheet risk in the normal course of business to meet the financing needs of our customers. These financial instruments include commitments to extend credit and standby letters of credit. Those instruments involve, to varying degrees, elements of credit risk in excess of the amount recognized in the balance sheet. The contract amounts of those instruments reflect the extent of involvement we have in particular classes of financial instruments.

Our exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to extend credit and standby letters of credit is represented by the contractual amount of those instruments. The Bank used the same credit policies in making commitments and conditional obligations as it does for on-balance sheet instruments. The commitments are principally tied to variable rates. Loan commitments as of March 31, 2018 and December 31, 2017 were as follows:

(dollars in thousands)	March 31, 2018	December 31, 2017
Commitments to extend credit	\$ 793,012	\$ 568,356
Financial guarantees – standby letters of credit	142,265	142,189

The Company sells residential mortgage loans to investors in the normal course of business. Residential mortgage loans sold to others are predominantly conventional residential first lien mortgages originated under our usual underwriting procedures, and are sold on a nonrecourse basis, primarily to government-sponsored enterprises (“GSEs”). The Company’s agreements to sell residential mortgage loans in the normal course of business usually require certain representations and warranties on the underlying loans sold, related to credit information, loan documentation, collateral, and insurability. Subsequent to being sold, if a material underwriting deficiency or documentation defect is discovered, the Company may be obligated to repurchase the loan or reimburse the GSEs for losses incurred. The make-whole requests and any related risk of loss under the representations and warranties are largely driven by borrower performance. The Company establishes a mortgage repurchase liability related to these events that reflect management’s estimate of losses on loans for which the Company could have a repurchase obligation based on a combination of factors. Such factors incorporate the volume of loans sold in 2018 and years prior, borrower default expectations, historical investor repurchase demand and appeals success rates, and estimated loss severity. Loans repurchased from investors are initially recorded at fair value, which becomes the Company’s new accounting basis. Any difference between the loan’s fair value and the outstanding principal amount is charged or credited to the mortgage repurchase liability, as appropriate. Subsequent to repurchase, such loans are carried in loans receivable. The Company incurred losses as a result of make-whole requests and loan repurchases totaling \$20,000 for the three months ended March 31, 2018. There were no losses incurred for the three months ended March 31, 2017. The liability for unresolved repurchase demands totaled \$714,000 and \$371,000 at March 31, 2018 and December 31, 2017, respectively.

Note 16 – Segment Information

Our business segments are defined as Banking, Commercial FHA Origination and Servicing, and Other. The reportable business segments are consistent with the internal reporting and evaluation of the principle lines of business of the Company. The banking segment provides a wide range of financial products and services to consumers and businesses, including commercial, commercial real estate, mortgage and other consumer loan products; commercial equipment leasing; mortgage loan sales and servicing; letters of credit; various types of deposit products, including checking, savings and time deposit accounts; merchant services; and corporate treasury management services. The commercial FHA origination and servicing segment provides for the origination and servicing of government sponsored mortgages for multifamily and healthcare facilities. The other segment includes the operating results of the parent company, our wealth management business unit, our captive insurance business unit, and the elimination of

intercompany transactions. Wealth management activities consist of trust and fiduciary services, brokerage and retirement planning services.

Selected business segment financial information as of and for the three months ended March 31, 2018 and 2017 were as follows:

(dollars in thousands)	Banking	Commercial FHA Origination and Servicing	Other	Total
Three Months Ended March 31, 2018				
Net interest income (expense)	\$ 40,803	\$ 36	\$ (2,654)	\$ 38,185
Provision for loan losses	2,006	—	—	2,006
Noninterest income	8,091	3,521	4,993	16,605
Noninterest expense	44,092	3,538	1,972	49,602
Income before income taxes	2,796	19	367	3,182
Income taxes (benefit)	1,379	407	(410)	1,376
Net income (loss)	\$ 1,417	\$ (388)	\$ 777	\$ 1,806
Total assets	\$ 5,738,094	\$ 91,580	\$ (106,302)	\$ 5,723,372
Three Months Ended March 31, 2017				
Net interest income (expense)	\$ 28,380	\$ 276	\$ (1,195)	\$ 27,461
Provision for loan losses	1,533	—	—	1,533
Noninterest income	8,938	6,876	516	16,330
Noninterest expense	24,914	4,083	1,788	30,785
Income (loss) before income taxes (benefit)	10,871	3,069	(2,467)	11,473
Income taxes (benefit)	2,342	1,197	(556)	2,983
Net income (loss)	\$ 8,529	\$ 1,872	\$ (1,911)	\$ 8,490
Total assets	\$ 3,366,098	\$ 105,203	\$ (97,724)	\$ 3,373,577

Note 17 – Related Party Transactions

A former member of our board of directors has an ownership interest in the office building located in Clayton, Missouri and three of the Bank’s full-service branch facilities. During the three months ended March 31, 2018 and 2017, the Company paid rent on these facilities of \$215,000 and \$221,000, respectively.

Note 18 – Revenue From contracts with customers

On January 1, 2018, the Company adopted ASU No. 2014-09 “*Revenue from Contracts with Customers*” (Topic 606) and all subsequent ASUs that modified Topic 606. As stated in Note 2, *Basis of Presentation and Summary of Significant Accounting Policies*, the implementation of the new standard did not have a material impact on the measurement or recognition of revenue. Since the impact of applying the standard was determined to be immaterial, the Company did not record a cumulative effect adjustment to beginning retained earnings on January 1, 2018. Results for reporting periods beginning after January 1, 2018 are presented under Topic 606, while prior period amounts were not adjusted and continue to be reported in accordance with previous GAAP.

Topic 606 does not apply to revenue associated with financial instruments, including revenue from loans and investment securities. In addition, certain noninterest income streams such as commercial FHA revenue, residential mortgage banking revenue and gain on sales of investment securities, net are also not in scope of the new guidance. Topic 606 is applicable to noninterest income streams such as wealth management revenue, service charges on deposit accounts, interchange revenue, gain on sales of other real estate owned, and certain other noninterest income streams. The recognition of revenue associated with these noninterest income streams did not change significantly from current practice upon adoption of Topic 606. The noninterest income streams considered in-scope by Topic 606 are discussed below.

Wealth Management Revenue

Wealth management revenue is primarily comprised of fees earned from the management and administration of trusts and other customer assets. The Company also earns investment advisory fees through its SEC registered investment advisory subsidiary. The Company’s performance obligation in both of these instances is generally satisfied over time and the resulting fees are recognized monthly, based upon the month-end market value of the assets under

management and contractually determined fee schedules. Payment is generally received a few days after month end through a direct charge to each customer's account. The Company does not earn performance-based incentives. Optional services such as real estate sales and tax return preparation services are also available to existing trust and asset management customers. The Company's performance obligation for these transactional-based services is generally satisfied, and related revenue recognized, at a point in time (i.e., as incurred). Payment is received shortly after services are rendered. Fees generated from transactions executed by the Company's third party broker dealer are remitted by them to the Company on a monthly basis for that month's transactional activity.

Service Charges on Deposit Accounts

Service charges on deposit accounts consist of fees received under depository agreements with customers to provide access to deposited funds, serve as custodian of deposited funds, and when applicable, pay interest on deposits. These service charges primarily include non-sufficient fund fees and other account related service charges. Non-sufficient fund fees are earned when a depositor presents an item for payment in excess of available funds, and the Company, at its discretion, provides the necessary funds to complete the transaction. The Company generates other account related service charge revenue by providing depositors proper safeguard and remittance of funds as well as by delivering optional services for depositors, such as check imaging or treasury management, that are performed upon the depositor's request. The Company's performance obligation for the proper safeguard and remittance of funds, monthly account analysis and any other monthly service fees is generally satisfied, and the related revenue recognized, over the period in which the service is provided. Payment for service charges on deposit accounts is typically received immediately or in the following month through a direct charge to a customer's account.

Interchange Revenue

Interchange revenue includes debit / credit card income and ATM user fees. Card income is primarily comprised of interchange fees earned for standing ready to authorize and providing settlement on card transactions processed through the MasterCard interchange network. The levels and structure of interchange rates are set by MasterCard and can vary based on cardholder purchase volumes. Interchange fees from cardholder transactions represent a percentage of the underlying transaction value and are recognized daily, concurrently with completion of the Company's performance obligation, the transaction processing services provided to the cardholder. Payment is typically received immediately or in the following month. ATM fees are primarily generated when a Company cardholder withdraws funds from a non-Company ATM or a non-Company cardholder withdraws funds from a Company ATM. The Company satisfies its performance obligation for each transaction at the point in time when the ATM withdrawal is processed.

Gain on Sales of Other Real Estate Owned

The Company records a gain or loss from the sale of other real estate owned (OREO) when control of the property transfers to the buyer, which generally occurs at the time of an executed deed. When the Company finances the sale of OREO to a buyer, the Company assesses whether the buyer is committed to perform their obligations under the contract and whether collectability of the transaction price is probable. Once these criteria are met, the OREO asset is derecognized and the gain or loss on sale is recorded upon transfer of control of the property to the buyer. In determining the gain or loss on the sale, the Company adjusts the transaction price and related gain or loss on sale if a significant financing component is present.

Other Noninterest Income

The other noninterest income revenue streams within the scope of Topic 606 consist of merchant services revenue, safe deposit box rentals, wire transfer fees, paper statement fees, check printing commissions, and other noninterest related fees. Revenue from the Company's merchant services business consists principally of transaction and account management fees charged to merchants for the electronic processing of transactions. These fees are net of interchange fees paid to the credit card issuing bank, card company assessments, and revenue sharing amounts. Account management fees are considered earned at the time the merchant's transactions are processed or other services are performed. Fees related to the other components of other noninterest income within the scope of Topic 606 are largely transactional based, and therefore, the Company's performance obligation is satisfied and related revenue recognized, at the point in time the customer uses the selected service to execute a transaction.

The following presents noninterest income, segregated by revenue streams in-scope and out-of-scope of Topic 606, for the three months ended March 31, 2018 and 2017.

(dollars in thousands)	Three Months Ended	
	2018	2017
Noninterest income - in-scope of Topic 606		
<i>Wealth management revenue:</i>		
Trust management/administration fees	\$ 3,119	\$ 2,342
Investment advisory fees	465	—
Investment brokerage fees	367	323
Other	231	207
<i>Service charges on deposit accounts:</i>		
Nonsufficient fund fees	1,450	582
Other	517	310
Interchange revenues	2,090	977
<i>Other income:</i>		
Merchant services revenue	293	395
Other	830	421
Noninterest income - out-of-scope of Topic 606	7,243	10,773
Total noninterest income	\$ 16,605	\$ 16,330

Contract Balances

A contract asset balance occurs when an entity performs a service for a customer before the customer pays consideration (resulting in a contract receivable) or before payment is due (resulting in a contract asset). A contract liability balance is an entity's obligation to transfer a service to a customer for which the entity has already received payment (or payment is due) from the customer. The Company's noninterest revenue streams are largely based on transactional activity, or standard month-end revenue accruals such as asset management fees based on month-end market values. Consideration is often received immediately or shortly after the Company satisfies its performance obligation and revenue is recognized. The Company does not typically enter into long-term revenue contracts with customers, and therefore, does not experience significant contract balances. As of March 31, 2018 and December 31, 2017, the Company did not have any significant contract balances.

Contract Acquisition Costs

In connection with the adoption of Topic 606, an entity is required to capitalize, and subsequently amortize into expense, certain incremental costs of obtaining a contract with a customer if these costs are expected to be recovered. The incremental costs of obtaining a contract are those costs that an entity incurs to obtain a contract with a customer that it would not have incurred if the contract had not been obtained (for example, sales commission). The Company utilizes the practical expedient which allows entities to immediately expense contract acquisition costs when the asset that would have resulted from capitalizing these costs would have been amortized in one year or less. Upon adoption of Topic 606, the Company did not capitalize any contract acquisition costs.

Note 19 – Subsequent Events

Subsequent events were evaluated through the filing date of May 10, 2018 and no disclosures were required.

Item 2 – Management’s Discussion and Analysis of Financial Condition and Results of Operations

The following discussion explains our financial condition and results of operations as of and for the three months ended March 31, 2018. Annualized results for this interim period may not be indicative of results for the full year or future periods. The following discussion and analysis should be read in conjunction with the consolidated financial statements and related notes presented elsewhere in this report and our Annual Report on Form 10-K for the year ended December 31, 2017, filed with the SEC on March 6, 2018.

In addition to the historical information contained herein, this Form 10-Q includes “forward-looking statements” within the meaning of such term in the Private Securities Litigation Reform Act of 1995. These statements are subject to many risks and uncertainties, including changes in interest rates and other general economic, business and political conditions, including changes in the financial markets; changes in business plans as circumstances warrant; risks related to mergers and acquisitions and the integration of acquired businesses; and other risks detailed from time to time in filings made by the Company with the SEC. Readers should note that the forward-looking statements included herein are not a guarantee of future events, and that actual events may differ materially from those made in or suggested by the forward-looking statements. Forward-looking statements generally can be identified by the use of forward-looking terminology such as “will,” “propose,” “may,” “plan,” “seek,” “expect,” “intend,” “estimate,” “anticipate,” “believe,” or “continue,” or similar terminology. Any forward-looking statements presented herein are made only as of the date of this document, and we do not undertake any obligation to update or revise any forward-looking statements to reflect changes in assumptions, the occurrence of unanticipated events, or otherwise.

Critical Accounting Policies

The preparation of our consolidated financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses. These estimates are based upon historical experience and on various other assumptions that management believes are reasonable under current circumstances. These estimates form the basis for making judgments about the carrying value of certain assets and liabilities that are not readily available from other sources. Actual results may differ from these estimates under different assumptions or conditions. The estimates and judgments that management believes have the most effect on the Company’s reported financial position and results of operations are set forth in “*Note 1 – Summary of Significant Accounting Policies*” of the Notes to Consolidated Financial Statements, included in our Annual Report on Form 10-K for the year ended December 31, 2017. There have been no significant changes in critical accounting policies or the assumptions and judgments utilized in applying these policies since December 31, 2017.

Overview

Midland States Bancorp, Inc. is a diversified financial holding company headquartered in Effingham, Illinois. Its wholly owned banking subsidiary, Midland States Bank, has branches across Illinois and in Missouri and Colorado, and provides a broad array of traditional community banking and other complementary financial services, including commercial lending, residential mortgage origination, wealth management, merchant services and prime consumer lending. Our commercial FHA origination and servicing business through our subsidiary, Love Funding, based in Washington, D.C., is one of the top originators of government sponsored mortgages for multifamily and healthcare facilities in the United States. Our commercial equipment leasing business, which operates on a nationwide basis, was formerly conducted through our subsidiary, Heartland Business Credit Corporation (Business Credit). Beginning in January 2018, Business Credit was brought directly into the Bank as Midland Equipment Finance. As of March 31, 2018, we had \$5.7 billion in assets, \$4.2 billion of deposits and \$585.4 million of shareholders’ equity.

Our strategic plan is focused on building a diversified financial services company anchored by a strong community bank. In the past several years, we have grown organically and through a series of acquisitions, with an over-arching focus on enhancing shareholder value and maintaining a platform for scalability. In June 2017, we completed the acquisition of Centruie and its subsidiary, Centruie Bank, a regional, full-service community bank headquartered in Ottawa, Illinois. At closing, Centruie had 20 bank branches located principally in northern Illinois and total assets of \$990.2 million. Most recently, on February 28, 2018, the Company completed the acquisition of Alpine, and its subsidiary, Alpine Bank, a regional, full-service community bank headquartered in Belvidere, Illinois. At closing, Alpine had 19 bank branches located principally in and around the Rockford, Illinois area and had total assets of \$1.3 billion.

Our principal business activity has been lending to and accepting deposits from individuals, businesses, municipalities and other entities. We have derived income principally from interest charged on loans and leases and, to a lesser extent, from interest and dividends earned on investment securities. We have also derived income from noninterest sources, such as: fees received in connection with various lending and deposit services; wealth management services; commercial FHA mortgage loan originations, sales and servicing; residential mortgage loan originations, sales and servicing; and, from time to time, gains on sales of assets. Our principal expenses include interest expense on deposits and borrowings, operating expenses, such as salaries and employee benefits, occupancy and equipment expenses, data processing costs, professional fees and other noninterest expenses, provisions for loan losses and income tax expense.

Significant Transactions

Each item listed below materially affects the comparability of our results of operations and financial condition as of and for the three months ended March 31, 2018 and 2017, and may affect the comparability of financial information we report in future fiscal periods.

Recent Acquisitions. On February 28, 2018, the Company acquired Alpine for total consideration valued at approximately \$173.2 million. Consideration transferred by the Company consisted of \$33.3 million in cash and 4,463,200 shares of common stock. All identifiable assets acquired and liabilities assumed were adjusted to fair value as of February 28, 2018, and the results of Alpine's operations have been included in the consolidated statements of income beginning on that date. The resultant purchase accounting adjustments have been reflected in the enclosed consolidated balance sheet as of March 31, 2018. Intangible assets recognized as a result of the transaction consisted of \$57.0 million in goodwill, \$7.1 million in customer relationship intangibles and \$24.1 million in core deposit intangibles.

On June 9, 2017, the Company acquired Centrue for total consideration value of approximately \$176.6 million. Consideration paid by the Company consisted of \$61.0 million in cash, 3,219,238 shares of common stock, 181 shares of Series G preferred stock and 2,636 shares of Series H preferred stock. All identifiable assets acquired and liabilities assumed were adjusted to fair value as of June 9, 2017, and the results of Centrue's operations have been included in the consolidated statements of income beginning on that date. Intangible assets recognized as a result of the transaction consisted of \$47.4 million in goodwill and \$11.1 million in core deposit intangibles.

On March 28, 2017, the Company acquired for \$3.7 million all of the outstanding capital stock of CedarPoint, an SEC registered investment advisory firm with \$180.0 million of assets under administration. In conjunction with this agreement, the Company issued 120,000 shares of common stock of which 18,000 shares were deposited into a special purpose escrow account (the escrow shares). Payout of the escrow shares to CedarPoint is contingent on CedarPoint reaching certain target revenue levels. Intangible assets recognized as a result of the transaction consisted of \$2.4 million in goodwill and \$2.0 million in customer relationship intangibles.

Purchased Credit-Impaired ("PCI") Loans. Our net interest margin benefits from favorable changes in expected cash flows on our PCI loans and from accretion income associated with purchase accounting discounts established on the non-PCI loans included in our acquisitions. Our reported net interest margin for the three months ended March 31, 2018 and 2017 was 3.69% and 3.87%, respectively. Accretion income associated with purchase accounting discounts established on loans acquired totaled \$2.0 million and \$2.7 million for the three months ended March 31, 2018 and 2017, respectively, increasing the reported net interest margin by 16 and 35 basis points for each respective period.

Mortgage Servicing Rights. The Company sells residential and commercial mortgage loans in the secondary market and typically retains the right to service the loans sold. Mortgage servicing rights ("MSR") are carried at the lower of the initial capitalized amount, net of accumulated amortization, or estimated fair value. MSR are amortized in proportion to and over the period of estimated net servicing income, and assessed for impairment at each reporting date.

In the third quarter of 2017, we committed to a plan to sell our Fannie Mae residential mortgage servicing and transferred \$14.2 million of residential MSR, net of valuation allowances, to MSR held for sale. As a result of recognizing a \$4.1 million loss in 2017, MSR held for sale had a net carrying value of \$10.2 million at December 31, 2017. The Fannie Mae MSR held for sale was sold on January 2, 2018.

There were no impairment charges on the residential MSR during the three months ended March 31, 2018 compared to \$0.1 million for the three months ended March 31, 2017. For commercial FHA MSR, we recognized

impairment charges of \$0.1 million and \$0.2 million during the three months ended March 31, 2018 and 2017, respectively.

Average Balance Sheet, Interest and Yield/Rate Analysis

The following table presents average balance sheet information, interest income, interest expense and the corresponding average yields earned and rates paid for the three months ended March 31, 2018 and 2017. The average balances are principally daily averages and, for loans, include both performing and nonperforming balances. Interest income on loans includes the effects of discount accretion and net deferred loan origination costs accounted for as yield adjustments.

(tax-equivalent basis, dollars in thousands)	For the Three Months Ended March 31,					
	2018			2017		
	Average Balance	Interest & Fees	Yield / Rate	Average Balance	Interest & Fees	Yield / Rate
EARNING ASSETS:						
Federal funds sold & cash investments	\$ 138,275	\$ 521	1.53 %	\$ 164,309	\$ 311	0.77 %
<i>Investment securities:</i>						
Taxable investment securities	417,102	2,643	2.53	226,528	1,239	2.19
Investment securities exempt from federal income tax ⁽¹⁾	131,066	1,286	3.93	102,352	1,403	5.48
Total securities	548,168	3,929	2.87	328,880	2,642	3.21
<i>Loans:</i>						
Loans ⁽²⁾	3,413,808	41,031	4.87	2,315,495	28,073	4.92
Loans exempt from federal income tax ⁽¹⁾	64,109	591	3.74	45,885	487	4.31
Total loans	3,477,917	41,622	4.85	2,361,380	28,560	4.91
Loans held for sale	40,841	428	4.25	73,914	769	4.22
Nonmarketable equity securities	34,890	399	4.64	20,047	218	4.41
Total earning assets	4,240,091	\$ 46,899	4.49 %	2,948,530	\$ 32,500	4.47 %
Noninterest-earning assets	536,750			336,761		
Total assets	\$ 4,776,841			\$ 3,285,291		
INTEREST-BEARING LIABILITIES:						
Checking and money market deposits	\$ 1,582,222	\$ 1,651	0.42 %	\$ 1,098,612	\$ 607	0.22 %
Savings deposits	344,456	161	0.19	168,246	65	0.16
Time deposits	564,396	1,450	1.04	397,141	890	0.91
Brokered deposits	184,265	855	1.88	232,570	824	1.44
Total interest-bearing deposits	2,675,339	4,117	0.62	1,896,569	2,386	0.51
Short-term borrowings	148,703	124	0.34	143,583	80	0.23
FHLB advances and other borrowings	489,567	1,871	1.55	248,045	566	0.93
Subordinated debt	93,993	1,514	6.44	54,518	873	6.40
Trust preferred debentures	47,373	694	5.94	39,084	473	4.91
Total interest-bearing liabilities	3,454,975	\$ 8,320	0.98 %	2,381,799	\$ 4,378	0.75 %
NONINTEREST-BEARING LIABILITIES						
Noninterest-bearing deposits	782,164			525,868		
Other noninterest-bearing liabilities	40,761			51,468		
Total noninterest-bearing liabilities	822,925			577,336		
Shareholders' equity	498,941			325,442		
Total liabilities and shareholders' equity	\$ 4,776,841			\$ 3,284,577		
Net interest income / net interest margin ⁽³⁾		\$ 38,579	3.69 %		\$ 28,122	3.87 %

- (1) Interest income and average rates for tax-exempt loans and securities are presented on a tax-equivalent basis, assuming federal income tax rates of 21% and 35% for the three months ended March 31, 2018 and 2017, respectively. Tax-equivalent adjustments totaled \$394,000 and \$662,000 for the three months ended March 31, 2018 and 2017, respectively.
- (2) Average loan balances include nonaccrual loans. Interest income on loans includes amortization of deferred loan fees, net of deferred loan costs.
- (3) Net interest margin during the periods presented represents: (i) the difference between interest income on interest-earning assets and the interest expense on interest-bearing liabilities, divided by (ii) average interest-earning assets for the period.

Interest Rates and Operating Interest Differential

Increases and decreases in interest income and interest expense result from changes in average balances (volume) of interest-earning assets and interest-bearing liabilities, as well as changes in average interest rates. The following table shows the effect that these factors had on the interest earned on our interest-earning assets and the interest incurred on our interest-bearing liabilities. The effect of changes in volume is determined by multiplying the change in volume by the previous period's average rate. Similarly, the effect of rate changes is calculated by multiplying the change in average rate by the previous period's volume. Changes which are not due solely to volume or rate have been allocated proportionally to the change due to volume and the change due to rate. Interest income and average rates for tax-exempt loans and securities were calculated on a tax-equivalent basis, assuming federal income tax rates of 21% and 35% for the three months ended March 31, 2018 and 2017, respectively.

(tax-equivalent basis, dollars in thousands)	Three Months Ended March 31, 2018 Compared with Three Months Ended March 31, 2017		
	Change due to:		Interest Variance
	Volume	Rate	
EARNING ASSETS:			
Federal funds sold & cash investments	\$ (74)	\$ 284	\$ 210
<i>Investment securities:</i>			
Taxable investment securities	1,125	279	1,404
Investment securities exempt from federal income tax	338	(455)	(117)
Total securities	1,463	(176)	1,287
<i>Loans:</i>			
Loans	13,258	(300)	12,958
Loans exempt from federal income tax	181	(77)	104
Total loans	13,439	(377)	13,062
Loans held for sale	(345)	4	(341)
Nonmarketable equity securities	166	15	181
Total earning assets	\$ 14,649	\$ (250)	\$ 14,399
INTEREST-BEARING LIABILITIES:			
Checking and money market deposits	\$ 386	\$ 658	\$ 1,044
Savings deposits	75	21	96
Time deposits	402	158	560
Brokered deposits	(198)	229	31
Total interest-bearing deposits	665	1,066	1,731
Short-term borrowings	3	41	44
FHLB advances and other borrowings	737	568	1,305
Subordinated debt	634	7	641
Trust preferred debentures	111	110	221
Total interest-bearing liabilities	\$ 2,150	\$ 1,792	\$ 3,942
Net interest income	\$ 12,499	\$ (2,042)	\$ 10,457

Net Interest Income. Our primary source of revenue is net interest income, which is the difference between interest income from interest-earning assets (primarily loans and securities) and interest expense of funding sources (primarily interest-bearing deposits and borrowings). Net interest income is impacted by the volume of interest-earning assets and related funding sources, as well as changes in the levels of interest rates. Noninterest-bearing sources of funds, such as demand deposits and shareholders' equity, also support earning assets. The impact of the noninterest-bearing sources of funds is captured in the net interest margin, which is calculated as net interest income divided by average interest-earning assets. The net interest margin is presented on a tax-equivalent basis, which means that tax-free interest income has been adjusted to a pretax-equivalent income, assuming federal income tax rates of 21% and 35% for the three months ended March 31, 2018 and 2017, respectively.

In the first quarter of 2018, we generated \$38.6 million of net interest income on a tax-equivalent basis, which was an increase of \$10.5 million, or 37.2% from the \$28.1 million of net interest income we produced on a tax-equivalent basis in the first quarter of 2017. This increase in net interest income was primarily due to a \$14.4 million increase in interest income on a tax-equivalent basis, offset in part by a \$3.9 million increase in interest expense. The increase in interest income was primarily due to the addition of loans from the Centruie and Alpine acquisitions. The increase in interest expense resulted in part from additional interest-bearing liabilities from Centruie and Alpine. Interest expense was also impacted by higher market interest rates and increased usage of FHLB advances as a funding source.

Interest Income. On a tax-equivalent basis, interest income on loans increased 45.7% to \$41.6 million for the three months ended March 31, 2018, compared to \$28.6 million for the three months ended March 31, 2017. An increase of 47.3% in the average balance of loans outstanding for the three months ended March 31, 2018 compared to the three months ended March 31, 2017, was primarily driven by the addition of \$679.6 million of loans from Centruie in the second quarter of 2017 and \$790.9 million of loans from Alpine in the first quarter of 2018.

The average rate on loans benefits from purchase accounting discount accretion on loan portfolios acquired (see “Significant Transactions – *Purchased Credit-Impaired (“PCI”) Loans*” above). The reported yield on total loans for the three months ended March 31, 2018 and 2017 was 4.85% and 4.91%, respectively. Accretion income associated with purchase accounting discounts established on loans acquired totaled \$2.0 million and \$2.7 million for the three months ended March 31, 2018 and 2017, respectively, increasing the reported net interest margin by 16 and 35 basis points for each respective period.

Interest income on our investment securities portfolio on a tax-equivalent basis increased \$1.3 million for the three months ended March 31, 2018 compared to the three months ended March 31, 2017. The increase was mainly attributable to the increase in the average balance of investment securities of 66.7% between the two periods. The increases in average balances were primarily due to the addition of \$149.0 million of investment securities from Centruie in June 2017 and the addition of \$301.8 million of investment securities from Alpine in February 2018.

Interest income on short-term cash investments increased to \$0.5 million for the three months ended March 31, 2018, compared to \$0.3 million for the three months ended March 31, 2017. This increase was primarily due to an increase in short-term interest rates.

Interest Expense. Interest expense on deposits increased to \$4.1 million for the three months ended March 31, 2018 compared to \$2.4 million for the three months ended March 31, 2017. The \$1.7 million, or 72.5%, increase in interest expense on deposits was primarily due to the average balance of interest-bearing deposits increasing 41.1% combined with an 11 basis point increase in the average rate paid. The increase in the average balance of deposits primarily reflected the addition of \$583.7 million of interest-bearing deposits from Centruie in June 2017 and \$769.1 million of interest-bearing deposits from Alpine in February 2018. The increase in the average rate paid was primarily due to the impact of higher market interest rates.

Interest expense on borrowings increased to \$4.2 million for the three months ended March 31, 2018, as compared to \$2.0 million for the three months ended March 31, 2017. The \$2.2 million increases in interest expense on borrowings was primarily due to expanded usage of FHLB advances as a short-term and long-term funding source, the addition of \$90.0 million of FHLB advances and \$10.0 million of trust preferred debentures from Centruie, the addition of \$18.1 million of FHLB advances from Alpine, entering into a \$40.0 million term loan in May 2017, issuing \$40.0 million of subordinated debt in October 2017, and the impact of higher market interest rates on new FHLB advances and our variable rate trust preferred debentures.

Provision for Loan Losses. The provision for loan losses totaled \$2.0 million for the three months ended March 31, 2018 compared to \$1.5 million for the three months ended March 31, 2017. The provision for the first quarter of 2018 included an increase in specific reserves of \$1.0 million related to two commercial loans that were classified as nonaccrual on March 2018. The remaining provision in the first quarter of 2018 resulted from the growth of our loan portfolio.

Noninterest Income. Noninterest income totaled \$16.6 million in the first quarter of 2018 compared to \$16.3 million in the first quarter of 2017. The following table sets forth the major components of our noninterest income for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	For the Three Months Ended		Increase (decrease)
	March 31,		
	2018	2017	
<i>Noninterest income:</i>			
Commercial FHA revenue	\$ 3,330	\$ 6,695	\$ (3,365)
Residential mortgage banking revenue	1,418	2,916	(1,498)
Wealth management revenue	4,182	2,872	1,310
Service charges on deposit accounts	1,967	892	1,075
Interchange revenue	2,090	977	1,113
Gain on sales of investment securities, net	65	67	(2)
Gain (loss) on sales of other real estate owned	307	36	271
Other income	3,246	1,875	1,371
Total noninterest income	<u>\$ 16,605</u>	<u>\$ 16,330</u>	<u>\$ 275</u>

Commercial FHA revenue. Our commercial FHA business generated gains on loans held for sale of \$3.0 million and net servicing revenues of \$0.3 million in 2018 compared to gains on loans held for sale of \$6.4 million and net servicing revenues of \$0.3 million in 2017. The \$3.4 million decrease in gains on loans held for sale resulted primarily from a decrease in commercial FHA interest rate lock commitments to \$80.3 million for the three months ended March 31, 2018 compared to \$216.9 million for the comparable period in 2017. Net servicing revenue included commercial MSR impairment of \$0.1 million and \$0.2 million during the three months ended March 31, 2018 and 2017 respectively.

Residential mortgage banking revenue. Our residential mortgage banking activities generated gains on loans held for sale of \$0.8 million and net servicing revenue of \$0.6 million in the first quarter of 2018 compared to gains on loans held for sale of \$2.2 million and net servicing revenue of \$0.7 million in the first quarter of 2017. The \$1.4 million decrease in gains on loans held for sale was primarily due to a decrease in interest rate lock commitments in the first quarter of 2018 compared to the prior year first quarter.

Wealth management revenue. Noninterest income from our wealth management business increased \$1.3 million, or 45.6%, to \$4.2 million in the first quarter of 2018 compared to the first quarter of 2017. The increase in wealth management revenue was due in part to \$0.6 million of revenue associated with \$1.1 billion of assets under administration added from Alpine in the first quarter of 2018. The remaining increase in wealth management revenue reflected the impact of organic growth and a full quarter's effect of the assets added from the CedarPoint acquisition that closed late in the first quarter of 2017.

Service charges on deposit accounts. Noninterest income from service charges on deposit accounts totaled \$2.0 million for the three months ended March 31, 2018 compared to \$0.9 million for the three months ended March 31, 2017. This increase primarily resulted from the addition of transactional deposit accounts added from the Centruie and Alpine acquisitions.

Interchange revenue. Noninterest income from interchange revenue totaled \$2.1 million in the first quarter of 2018 compared to \$1.0 million in the first quarter of 2017. This increase was primarily due to an increased level of debit card activity related to the Centruie and Alpine acquisitions.

Other noninterest income. Other income totaled \$3.2 million and \$1.9 million for the three months ended March 31, 2018 and 2017, respectively. The increase in other noninterest income was mainly due to bank owned life insurance income and other noninterest income sources related to Centruie and Alpine.

Noninterest Expense. Noninterest expense totaled \$49.6 million in the first quarter of 2018 compared to \$30.8 million in the first quarter of 2017. The following table sets forth the major components of noninterest expense for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	For the Three Months Ended		Increase (decrease)
	March 31,		
	2018	2017	
<i>Noninterest expense:</i>			
Salaries and employee benefits	\$ 28,395	\$ 17,115	\$ 11,280
Occupancy and equipment	4,252	3,184	1,068
Data processing	4,288	2,796	1,492
FDIC insurance	548	370	178
Professional	4,499	2,992	1,507
Marketing	1,206	642	564
Communications	1,547	546	1,001
Loan expense	522	420	102
Other real estate owned	90	412	(322)
Amortization of intangible assets	1,675	525	1,150
Other	2,580	1,783	797
Total noninterest expense	\$ 49,602	\$ 30,785	\$ 18,817

Salaries and employee benefits. Salaries and employee benefits expense increased \$11.3 million, or 66.0%, to \$28.4 million in the first quarter of 2018 compared to the first quarter of 2017. This increase was primarily due to \$9.3 million of change in control payments, severance costs and other benefit related expenses related to the Alpine acquisition in the first quarter of 2018. Salaries and employee benefits expense for the three months ended March 31, 2018 was also impacted by an increase in the number of full-time equivalent employees attributable to the Centru e and Alpine acquisitions.

Occupancy and equipment. Occupancy equipment expense totaled \$4.3 million for the three months ended March 31, 2018, compared to \$3.2 million for the three months ended March 31, 2017. This increase was mainly due to depreciation, real estate taxes, utilities, ongoing maintenance and lease obligations associated with branch and office facilities added from the Centru e and Alpine acquisitions.

Data processing. Data processing expense increased \$1.5 million, or 53.4%, to \$4.3 million for the first quarter of 2018 compared to the first quarter of 2017. This increase resulted primarily from increased processing activity associated with the addition of Centru e and Alpine.

Professional. Professional fees increased \$1.5 million, or 50.4%, to \$4.5 million for the first quarter of 2018. This increase resulted primarily from nonrecurring acquisition-related expenses associated with the Alpine acquisition coupled with professional fees incurred on various technology and other integration projects.

Marketing. Marketing expense increased \$0.6 million, or 87.9% to \$1.2 million for the three months ended March 31, 2018. This increase reflected the impact of increased advertising and public relations expense centered on the promotion of our acquisitions and integration of Centru e and Alpine.

Communications. Communications expense increased \$1.0 million to \$1.5 million for the three months ended March 31, 2018 compared to the three months ended March 31, 2017. This increase was mainly due to costs related to the Centru e acquisition.

Amortization of intangible assets. Amortization of intangible assets expense totaled \$1.7 million for the three months ended March 31, 2018, compared to \$0.5 million for the three months ended March 31, 2017. This increase was primarily due to amortization recorded on the \$11.1 million core deposit intangible established in conjunction with the Centru e acquisition and \$7.1 million in a customer relationship intangible and \$24.1 million in a core deposit intangible established in conjunction with the Alpine acquisition.

Other noninterest expense. Other noninterest expense totaled \$2.6 million and \$1.8 million for the three months ended March 31, 2018 and 2017, respectively. This increase was primarily attributable to the Centru e and Alpine acquisitions and increases in costs associated with supplies, insurance, travel, meals, postage, and training.

Income Tax Expense. Income tax expense was \$1.4 million and \$3.0 million for the three months ended March 31, 2018 and 2017, respectively. Effective tax rates were 43.2% and 26.0% for the three months ended March 31, 2018 and 2017, respectively. Although the federal corporate income tax rate decreased to 21% beginning in 2018 from 35%, our effective tax rate in the first quarter of 2018 was negatively impacted by the Company recording additional income tax expense of \$0.7 million for the revaluation of net deferred state tax liabilities as a result of the Alpine acquisition.

Financial Condition

Assets. Total assets increased \$1.3 billion to \$5.7 billion at March 31, 2018 as compared to December 31, 2017. This increase primarily reflected the addition of \$1.3 billion of assets from the Alpine acquisition.

Loans. The loan portfolio is the largest category of our assets. At March 31, 2018, total loans, net of allowance for loan losses, were \$4.0 billion. The following table shows loans by non-PCI and PCI loan category and the related allowance as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Non-PCI Loans	PCI Loans	Total	Non-PCI Loans	PCI Loans	Total
Commercial	\$ 795,431	\$ 7,321	\$ 802,752	\$ 553,257	\$ 2,673	\$ 555,930
Commercial real estate	1,754,827	18,683	1,773,510	1,427,076	12,935	1,440,011
Construction and land development	226,035	8,802	234,837	199,853	734	200,587
Total commercial loans	2,776,293	34,806	2,811,099	2,180,186	16,342	2,196,528
Residential real estate	553,947	16,374	570,321	447,602	5,950	453,552
Consumer	422,266	1,963	424,229	371,286	169	371,455
Lease financing	223,501	—	223,501	205,143	—	205,143
Total loans	\$ 3,976,007	\$ 53,143	\$ 4,029,150	\$ 3,204,217	\$ 22,461	\$ 3,226,678

Loans increased \$802.5 million to \$4.0 billion at March 31, 2018 as compared to December 31, 2017. The increase in loans was primarily due to \$790.9 million of loans added from the Alpine acquisition. The \$30.7 million increase in PCI loans at March 31, 2018 compared to December 31, 2017 reflected the addition of \$32.3 million of PCI loans from the Alpine acquisition, partially offset by loan payoffs and repayments.

Outstanding loan balances increase due to new loan originations, advances on outstanding commitments and loans acquired as a result of acquisitions of other financial institutions, net of amounts received for loan payments and payoffs, charge-offs of loans and transfers of loans to OREO. The following table shows the fair values of those loans acquired at acquisition date and the net growth for the periods presented.

(dollars in thousands)	For the Three Months Ended March 31, 2018		For the Year Ended December 31, 2017	
	Acquired	Net Growth (Attrition)	Acquired	Net Growth (Attrition)
Commercial	\$ 203,853	\$ 42,969	\$ 104,812	\$ (6,709)
Commercial real estate	347,807	(14,308)	484,772	(14,376)
Construction and land development	45,263	(11,013)	28,458	(5,196)
Total commercial loans	596,923	17,648	618,042	(26,281)
Residential real estate	120,829	(4,060)	58,857	140,982
Consumer	73,113	(20,339)	3,047	98,391
Lease financing	—	18,358	—	13,664
Total loans	\$ 790,865	\$ 11,607	\$ 679,946	\$ 226,756

The principal categories of our loan portfolio are discussed below:

Commercial loans. We provide a mix of variable and fixed rate commercial loans. The loans are typically made to small- and medium-sized manufacturing, wholesale, retail and service businesses for working capital needs, business expansions and farm operations. Commercial loans generally include lines of credit and loans with maturities of five years or less. The loans are generally made with business operations as the primary source of repayment, but may also include collateralization by inventory, accounts receivable and equipment, and generally include personal guarantees.

Commercial real estate loans. Our commercial real estate loans consist of both real estate occupied by the borrower for ongoing operations and non-owner occupied real estate properties. The real estate securing our existing commercial real estate loans includes a wide variety of property types, such as owner occupied offices, warehouses and production facilities, office buildings, hotels, mixed-use residential and commercial facilities, retail centers, multifamily properties and assisted living facilities. Our commercial real estate loan portfolio also includes farmland loans. Farmland loans are generally made to a borrower actively involved in farming rather than to passive investors.

Construction and land development loans. Our construction and land development loans are comprised of residential construction, commercial construction and land acquisition and development loans. Interest reserves are generally established on real estate construction loans.

Residential real estate loans. Our residential real estate loans consist of residential properties that generally do not qualify for secondary market sale.

Consumer loans. Our consumer loans include direct personal loans, indirect automobile loans, lines of credit and installment loans originated through home improvement specialty retailers and contractors. Personal loans are generally secured by automobiles, boats and other types of personal property and are made on an installment basis.

Lease financing. Our custom equipment leasing business provides indirect financing leases to varying types of small businesses, nationwide, for purchases of business equipment and software. All indirect financing leases require monthly payments, and the weighted average maturity of our leases is less than four years.

The following table shows the contractual maturities of our loan portfolio and the distribution between fixed and adjustable interest rate loans at March 31, 2018:

(dollars in thousands)	March 31, 2018						Total
	Within One Year		One Year to Five Years		After Five Years		
	Fixed Rate	Adjustable Rate	Fixed Rate	Adjustable Rate	Fixed Rate	Adjustable Rate	
Loans:							
Commercial	\$ 50,284	\$ 319,257	\$ 173,143	\$ 111,773	\$ 109,216	\$ 39,079	\$ 802,752
Commercial real estate	181,277	89,210	870,145	244,887	90,959	297,032	1,773,510
Construction and land development	10,735	53,594	40,714	114,242	330	15,222	234,837
Total commercial loans	242,296	462,061	1,084,002	470,902	200,505	351,333	2,811,099
Residential real estate	5,146	14,766	32,553	53,720	191,270	272,866	570,321
Consumer	5,203	1,011	124,346	21,326	272,027	316	424,229
Lease financing	9,097	—	211,083	—	3,321	—	223,501
Total loans	\$ 261,742	\$ 477,838	\$ 1,451,984	\$ 545,948	\$ 667,123	\$ 624,515	\$ 4,029,150

Loan Quality

We use what we believe is a comprehensive methodology to monitor credit quality and prudently manage credit concentration within our loan portfolio. Our underwriting policies and practices govern the risk profile and credit and geographic concentration for our loan portfolio. We also have what we believe to be a comprehensive methodology to monitor these credit quality standards, including a risk classification system that identifies potential problem loans based on risk characteristics by loan type as well as the early identification of deterioration at the individual loan level. In addition to our allowance for loan losses, our purchase discounts on acquired loans provide additional protections against credit losses.

Discounts on PCI Loans. PCI loans are loans that have evidence of credit deterioration since origination and for which it is probable at the date of acquisition that we will not collect all contractually required principal and interest payments. These loans are recorded at estimated fair value on their purchase date without a carryover of the related allowance for loan losses. At March 31, 2018 and December 31, 2017, we had PCI loans totaling \$53.1 million and \$22.5 million, respectively.

In determining the fair value of purchased credit-impaired loans at acquisition, we first determine the contractually required payments due, which represent the total undiscounted amount of all uncollected principal and interest payments, adjusted for the effect of estimated prepayments. We then estimate the undiscounted cash flows we expect to collect. We incorporate several key assumptions to estimate cash flows expected to be collected, including

probability of default rates, loss given default assumptions and the amount and timing of prepayments. We calculate fair value by discounting the estimated cash flows we expect to collect using an observable market rate of interest, when available, adjusted for factors that a market participant would consider in determining fair value. We have aggregated certain credit-impaired loans acquired in the same transaction into pools based on common risk characteristics. A pool is accounted for as one asset with a single composite interest rate and an aggregate fair value and expected cash flows.

The difference between contractually required payments due and the cash flows expected to be collected, considering the impact of prepayments, is referred to as the nonaccretable difference. The nonaccretable difference, which is neither accreted into income nor recorded on our consolidated balance sheet, reflects estimated future credit losses expected to be incurred over the life of the loans. The excess of cash flows expected to be collected over the estimated fair value of PCI loans is referred to as the accretable yield. This amount is not recorded on our consolidated balance sheet, but is accreted into interest income over the remaining life of the loans, or pool of loans, using the effective yield method. The outstanding customer balance for PCI loans totaled \$73.6 million and \$32.8 million as of March 31, 2018 and December 31, 2017, respectively.

Subsequent to acquisition, we periodically evaluate our estimates of cash flows expected to be collected. These evaluations, performed quarterly, require the continued use of key assumptions and estimates, similar to the initial estimate of fair value. Subsequent changes in the estimated cash flows expected to be collected may result in changes in the accretable yield and nonaccretable difference or reclassifications between accretable yield and the nonaccretable difference. Decreases in expected cash flows due to further credit deterioration will result in an impairment charge to the provision for loan losses, resulting in an increase to the allowance for loan losses and a reclassification from accretable yield to nonaccretable difference. Increases in expected cash flows due to credit improvements will result in an increase in the accretable yield through a reclassification from the nonaccretable difference or as a reduction in the allowance for loan losses to the extent established on specific pools subsequent to acquisition. The adjusted accretable yield is recognized in interest income over the remaining life of the loan, or pool of loans.

The following table shows changes in the accretable yield for PCI loans for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	Three Months Ended	
	March 31,	
	2018	2017
Balance, beginning of period	\$ 5,732	\$ 9,035
New loans purchased - Alpine acquisition	842	—
Accretion	(1,161)	(2,243)
Other adjustments (including maturities, charge-offs, and impact of changes in timing of expected cash flows)	660	9
Reclassification from non-accretable	1,154	2,032
Balance, end of period	\$ 7,227	\$ 8,833

As of March 31, 2018, the balance of accretable discounts on our PCI loan portfolio was \$7.2 million compared to \$5.7 million at December 31, 2017. We may not accrete the full amount of these discounts into interest income in future periods if the assets to which these discounts are applied do not perform according to our current expectations.

We have also recorded accretable discounts in purchase accounting for loans that are not considered PCI loans. Similar to the way in which we employ the fair value methodology for PCI loans, we consider expected prepayments and estimate the amount and timing of undiscounted cash flows in order to determine the accretable discount for non-PCI loans.

Analysis of the Allowance for Loan Losses. The following table allocates the allowance for loan losses, or the allowance, by loan category:

(dollars in thousands)	March 31, 2018		December 31, 2017	
	Book Value	% ⁽¹⁾	Book Value	% ⁽¹⁾
Loans:				
Commercial	\$ 5,902	0.74 %	\$ 5,256	0.95 %
Commercial real estate	5,485	0.31	5,044	0.35
Construction and land development	328	0.14	518	0.26
Total commercial loans	11,715	0.42	10,818	0.49
Residential real estate	2,504	0.44	2,750	0.61
Consumer	1,309	0.31	1,344	0.36
Lease financing	2,176	0.97	1,519	0.74
Total allowance for loan losses	\$ 17,704	0.44	\$ 16,431	0.51

(1) Represents the percentage of the allowance to total loans in the respective category.

The allowance and the balance of nonaccretable discounts represent our estimate of probable and reasonably estimable credit losses inherent in loans held for investment as of the respective balance sheet date. We assess the appropriateness of our allowance for non-PCI loans separately from our allowance for PCI loans.

The allowance for loan losses was \$17.7 million at March 31, 2018 compared to \$16.4 million at December 31, 2017. The increase in the allowance at March 31, 2018 compared to December 31, 2017 was mainly attributable to loan growth and an increase in specific reserves related to two commercial loans that went on nonaccrual in March 2018.

Individual loans considered to be uncollectible are charged off against the allowance. Factors used in determining the amount and timing of charge-offs on loans include consideration of the loan type, length of delinquency, sufficiency of collateral value, lien priority and the overall financial condition of the borrower. Collateral value is determined using updated appraisals and/or other market comparable information. Charge-offs are generally taken on loans once the impairment is determined to be other-than-temporary. Recoveries on loans previously charged off are added to the allowance. Net charge-offs to average loans were 0.09% and 0.28% for the three months ended March 31, 2018 and the year ended December 31, 2017, respectively.

Allowance for non-PCI loans. Our methodology for assessing the appropriateness of the allowance for non-PCI loans includes a general allowance for performing loans, which are grouped based on similar characteristics, and a specific allowance for individual impaired loans or loans considered by management to be in a high risk category. General allowances are established based on a number of factors, including historical loss rates, an assessment of portfolio trends and conditions, accrual status and economic conditions.

For commercial and commercial real estate loans, a specific allowance may be assigned to individual loans based on an impairment analysis. Loans are considered impaired when it is probable that we will be unable to collect all amounts due according to the contractual terms of the loan agreement. The amount of impairment is based on an analysis of the most probable source of repayment, including the present value of the loan's expected future cash flows and the estimated market value or the fair value of the underlying collateral. Interest income on impaired loans is accrued as earned, unless the loan is placed on nonaccrual status.

Allowance for PCI loans. PCI loans are recorded at their estimated fair value at the date of acquisition, with the estimated fair value including a component for estimated credit losses. An allowance related to PCI loans may be recorded subsequent to acquisition if a PCI loan pool experiences a decrease in expected cash flows as compared to the expected cash flows projected in the previous quarter. Loans considered to be uncollectible are initially charged off against the specific loan pool's non-accretable difference. When the pool's non-accretable difference has been fully utilized, uncollectible amounts are charged off against the corresponding allowance. The following table shows our allowance by loan portfolio and by non-PCI and PCI loans as of March 31, 2018 and December 31, 2017:

(dollars in thousands)	March 31, 2018			December 31, 2017		
	Non-PCI Loans	PCI Loans	Total	Non-PCI Loans	PCI Loans	Total
Loans:						
Commercial	\$ 5,350	\$ 552	\$ 5,902	\$ 4,756	\$ 500	\$ 5,256
Commercial real estate	5,093	392	5,485	4,708	336	5,044
Construction and land development	318	10	328	514	4	518
Total commercial loans	10,761	954	11,715	9,978	840	10,818
Residential real estate	1,954	550	2,504	2,210	540	2,750
Consumer	1,160	149	1,309	1,195	149	1,344
Lease financing	2,176	—	2,176	1,519	—	1,519
Total allowance for loan losses	\$ 16,051	\$ 1,653	\$ 17,704	\$ 14,902	\$ 1,529	\$ 16,431

Provision for Loan Losses. In determining the allowance and the related provision for loan losses, we consider three principal elements: (i) valuation allowances based upon probable losses identified during the review of impaired commercial, commercial real estate, and construction and land development loans, (ii) allocations, by loan classes, on loan portfolios based on historical loan loss experience and qualitative factors, and (iii) valuation allowances on PCI loan pools based on decreases in expected cash flows. Provisions for loan losses are charged to operations to adjust the total allowance to a level deemed appropriate by us.

The following table provides an analysis of the allowance for loan losses, provision for loan losses and net charge-offs for the three months ended March 31, 2018 and 2017:

(dollars in thousands)	As of and for the Three Months Ended March 31,	
	2018	2017
Balance, beginning of period	\$ 16,431	\$ 14,862
Charge-offs:		
Commercial	25	9
Commercial real estate	160	296
Construction and land development	—	—
Residential real estate	36	172
Consumer	434	176
Lease financing	486	514
Total charge-offs	<u>1,141</u>	<u>1,167</u>
Recoveries:		
Commercial	104	53
Commercial real estate	94	180
Construction and land development	25	23
Residential real estate	51	55
Consumer	95	48
Lease financing	39	218
Total recoveries	<u>408</u>	<u>577</u>
Net charge-offs	<u>733</u>	<u>590</u>
Provision for loan losses	<u>2,006</u>	<u>1,533</u>
Balance, end of period	\$ 17,704	\$ 15,805
Gross loans, end of period	\$ 4,029,150	\$ 2,454,950
Average loans	\$ 3,477,917	\$ 2,361,380
Net charge-offs to average loans	0.09 %	0.10 %
Allowance to total loans	0.44 %	0.64 %

Impaired Loans. The following table sets forth our nonperforming assets by asset categories as of the dates indicated. Impaired loans include nonaccrual loans, loans past due 90 days or more and still accruing interest and loans modified under troubled debt restructurings. The balances of impaired loans reflect the net investment in these assets, including deductions for purchase discounts. PCI loans are excluded from nonperforming status because we expect to fully collect their new carrying values, which reflect significant purchase discounts. If our expectation of reasonably estimable future cash flows from PCI loans deteriorates, the loans may be classified as nonaccrual loans and interest income will not be recognized until the timing and amount of future cash flows can be reasonably estimated.

(dollars in thousands)	March 31, 2018	December 31, 2017
Impaired loans:		
Commercial	\$ 2,750	\$ 4,103
Commercial real estate	15,441	13,997
Construction and land development	821	843
Residential real estate	5,986	6,184
Consumer	240	287
Lease financing	1,261	1,346
Total impaired loans	<u>26,499</u>	<u>26,760</u>
Other real estate owned, non-covered/non-guaranteed	3,438	4,134
Nonperforming assets	<u>\$ 29,937</u>	<u>\$ 30,894</u>
Impaired loans to total loans	0.66 %	0.83 %
Nonperforming assets to total assets	0.52 %	0.70 %

We did not recognize any interest income on nonaccrual loans during the three months ended March 31, 2018 and the year ended December 31, 2017 while the loans were in nonaccrual status. Additional interest income that we would have recognized on these loans had they been current in accordance with their original terms was \$0.5 million and \$0.1 million during the three months ended March 31, 2018 and 2017, respectively. We recognized interest income on commercial and commercial real estate loans modified under troubled debt restructurings of \$30,000 and \$18,000 million during the three months ended March 31, 2018 and 2017, respectively.

We use a ten grade risk rating system to categorize and determine the credit risk of our loans. Potential problem loans include loans with a risk grade of 7, which are "special mention," and loans with a risk grade of 8, which are "substandard" loans that are not considered to be impaired. These loans generally require more frequent loan officer contact and receipt of financial data to closely monitor borrower performance. Potential problem loans are managed and monitored regularly through a number of processes, procedures and committees, including oversight by a loan administration committee comprised of executive officers and other members of the Bank's senior management team.

The following table presents the recorded investment of potential problem commercial loans (excluding PCI loans) by loan category at the dates indicated:

(dollars in thousands)	Commercial		Commercial Real Estate		Construction & Land Development		Total
	Risk Category		Risk Category		Risk Category		
	7	8 ⁽¹⁾	7	8 ⁽¹⁾	7	8 ⁽¹⁾	
March 31, 2018	\$ 23,202	\$ 26,653	\$ 17,440	\$ 11,118	\$ —	\$ —	\$ 78,413
December 31, 2017	12,588	27,419	12,260	14,770	—	—	67,037

(1) Includes only those 8-rated loans that are not included in impaired loans.

Investment Securities. Our investment strategy aims to maximize earnings while maintaining liquidity in securities with minimal credit risk. The types and maturities of securities purchased are primarily based on our current and projected liquidity and interest rate sensitivity positions.

The following table sets forth the book value and percentage of each category of investment securities at March 31, 2018 and December 31, 2017. The book value for investment securities classified as available for sale is equal to fair market value.

(dollars in thousands)	March 31, 2018		December 31, 2017	
	Book Value	% of Total	Book Value	% of Total
U.S. Treasury securities	\$ 39,646	5.4 %	\$ 27,718	6.1 %
Government sponsored entity debt securities	87,065	11.8	25,211	5.6
Agency mortgage-backed securities	358,745	48.6	232,387	51.6
State and municipal securities	181,724	24.6	102,567	22.8
Corporate securities	59,780	8.1	59,812	13.3
Total investment securities, available for sale, at fair value	726,960	98.5 %	447,695	99.4 %
Equity securities	11,212	1.5	2,830	0.6 %
Total investment securities, at fair value	\$ 738,172	100.0 %	\$ 450,525	100.0 %

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The following table sets forth the book value, maturities and weighted average yields for our investment portfolio at March 31, 2018. The book value for investment securities classified as available for sale is equal to fair market value.

	March 31, 2018		
	Book Value	% of Total Investment Securities	Weighted Average Yield
(dollars in thousands)			
Investment securities, available for sale			
<i>U.S. Treasury securities:</i>			
Maturing within one year	\$ 14,979	2.0 %	1.3 %
Maturing in one to five years	24,667	3.4	1.9
Maturing in five to ten years	—	0.0	0.0
Maturing after ten years	—	0.0	0.0
Total U.S. Treasury securities	\$ 39,646	5.4 %	1.7 %
<i>Government sponsored entity debt securities:</i>			
Maturing within one year	\$ 10,057	1.3 %	2.5 %
Maturing in one to five years	61,128	8.3	2.3
Maturing in five to ten years	15,360	2.1	2.5
Maturing after ten years	520	0.1	2.5
Total government sponsored entity debt securities	\$ 87,065	11.8 %	2.4 %
<i>Agency mortgage-backed securities:</i>			
Maturing within one year	\$ 21,381	2.9 %	2.6 %
Maturing in one to five years	281,107	38.1	2.8
Maturing in five to ten years	51,390	6.9	4.8
Maturing after ten years	4,867	0.7	2.8
Total agency mortgage-backed securities	\$ 358,745	48.6 %	3.1 %
<i>State and municipal securities ⁽¹⁾:</i>			
Maturing within one year	\$ 16,867	2.3 %	3.1 %
Maturing in one to five years	55,955	7.6	3.2
Maturing in five to ten years	73,488	9.9	4.9
Maturing after ten years	35,414	4.8	3.3
Total state and municipal securities	\$ 181,724	24.6 %	3.9 %
<i>Corporate securities:</i>			
Maturing within one year	\$ 3,998	0.6 %	3.8 %
Maturing in one to five years	4,529	0.6	3.5
Maturing in five to ten years	48,092	6.5	5.1
Maturing after ten years	3,161	0.4	2.6
Total corporate securities	\$ 59,780	8.1 %	4.7 %
Total investment securities, available for sale	\$ 726,960	98.5 %	3.3 %
<i>Equity securities:</i>			
No stated maturity	\$ 11,212	1.5 %	2.3 %
Total investment securities	\$ 738,172	100.0 %	3.2 %

(1) Weighted average yield for tax-exempt securities are presented on a tax-equivalent basis assuming a federal income tax rate of 21%.

The table below presents the credit ratings at March 31, 2018 at fair value for our investment securities classified as available for sale.

	March 31, 2018							
	Amortized Cost	Estimated Fair Value	Average Credit Rating					
			AAA	AA+/-	A+/-	BBB+/-	<BBB-	Not Rated
<i>Investment securities available for sale:</i>								
U.S. Treasury securities	\$ 40,055	\$ 39,646	\$ —	\$ 39,646	\$ —	\$ —	\$ —	\$ —
Government sponsored entity debt securities	87,712	87,065	—	87,065	—	—	—	—
Agency mortgage-backed securities	361,927	358,746	18,804	335,228	—	—	—	4,714
State and municipal securities	179,317	181,724	30,556	116,160	14,421	5,847	734	14,006
Corporate securities	58,950	59,779	—	—	16,501	41,250	—	2,028
Total investment securities, available for sale	\$ 727,961	\$ 726,960	\$ 49,360	\$ 578,099	\$ 30,922	\$ 47,097	\$ 734	\$ 20,748

Cash and Cash Equivalents. Cash and cash equivalents increased \$116.0 million to \$331.2 million as of March 31, 2018 compared to December 31, 2017. This increase was primarily due to cash flows from financing activities, operating activities and investing activities totaling \$36.4 million, \$47.9 million of \$31.7 million, respectively. Cash provided by operating activities primarily reflected \$1.8 million of net income, \$31.3 million of proceeds received from sales of loans held for sale exceeding originations, and \$10.2 million of proceeds from the sale of residential MSR held for sale. Cash flows from financing activities primarily consisted of FHLB advances increasing \$72.9 million, offset in part by \$7.3 million decrease in deposits, \$4.2 million in payments made on common dividends and a \$25.4 million

decrease in repurchase agreements. Cash from investing activities primarily reflected the impact of net cash received from the Alpine acquisition.

Goodwill and Other Intangible Assets. Goodwill was \$155.7 million at March 31, 2018 compared to \$98.6 million at December 31, 2017. Goodwill represents the excess of consideration paid in an acquisition over the fair value of the net assets acquired. The \$57.1 million increase during the first three months of 2018 primarily resulted from \$57.0 million of goodwill associated with the Alpine acquisition.

Our other intangible assets, which consist of core deposit and customer relationship intangibles, were \$46.5 million and \$16.9 million at March 31, 2018 and December 31, 2017, respectively. The increase in other intangibles primarily reflected the impact of a \$24.1 million core deposit intangible and a \$7.1 million customer relationship intangible associated with the Alpine acquisition.

Liabilities. Total liabilities increased \$1.2 billion to \$5.1 billion at March 31, 2018 due primarily to the Alpine acquisition.

Deposits. We emphasize developing total client relationships with our customers in order to increase our retail and commercial core deposit bases, which are our primary funding sources. Our deposits consist of noninterest-bearing and interest-bearing demand, savings and time deposit accounts.

The following table summarizes our average deposit balances and weighted average rates for the three months ended March 31, 2018 and March 31, 2017:

(dollars in thousands)	March 31, 2018		March 31, 2017	
	Average Balance	Weighted Average Rate	Average Balance	Weighted Average Rate
<i>Deposits:</i>				
Noninterest-bearing demand	\$ 782,164	—	\$ 525,868	—
<i>Interest-bearing:</i>				
Checking	867,604	0.22 %	694,921	0.19 %
Money market	714,618	0.67	403,691	0.28
Savings	344,456	0.19	168,246	0.16
Time, less than \$250,000	488,963	1.02	344,204	0.90
Time, \$250,000 and over	75,433	1.16	52,937	0.93
Time, brokered	184,265	1.88	232,570	1.44
Total interest-bearing	\$ 2,675,339	0.62 %	\$ 1,896,569	0.51 %
Total deposits	\$ 3,457,503	0.48 %	\$ 2,422,437	0.40 %

The following table sets forth the maturity of time deposits of \$250,000 or more and brokered deposits as of March 31, 2018:

(dollars in thousands)	March 31, 2018				
	Maturity Within:				
	Three Months or Less	Three to Six Months	Six to 12 Months	After 12 Months	Total
Time, \$250,000 and over	\$ 23,089	\$ 23,409	\$ 15,851	\$ 24,513	\$ 86,862
Brokered deposits	32,290	7,230	77,416	106,580	223,516
Total	\$ 55,379	\$ 30,639	\$ 93,267	\$ 131,093	\$ 310,378

Total deposits increased \$1.1 billion to \$4.2 billion at March 31, 2018 as compared to December 31, 2017. This increase primarily resulted from \$1.1 billion of deposits added from the Alpine acquisition. At March 31, 2018, total deposits were comprised of 24.5% noninterest-bearing demand accounts, 54.3% interest-bearing transaction accounts and 21.2% of time deposits. At March 31, 2018, brokered deposits totaled \$223.5 million, or 5.3% of total deposits, compared to \$190.3 million, or 6.1% of total deposits, at December 31, 2017.

Short-Term Borrowings. In addition to deposits, we use short-term borrowings, such as federal funds purchased and securities sold under agreements to repurchase, as a source of funds to meet the daily liquidity needs of our customers and fund growth in earning assets. Short-term borrowings were \$130.7 million at March 31, 2018 compared to \$156.1 million at December 31, 2017. The weighted average interest rate on our short-term borrowings was 0.31% and 0.28% at March 31, 2018 and December 31, 2017, respectively.

FHLB Advances and Other Borrowings. FHLB advances and other borrowings totaled \$587.5 million and \$496.4 million as of March 31, 2018 and December 31, 2017, respectively. During the first three months of 2018, we increased FHLB advances at the Bank by \$73.0 million and assumed FHLB advances totaling \$18.1 million as a result of the Alpine acquisition.

Capital Resources and Liquidity Management

Capital Resources. Shareholders' equity is influenced primarily by earnings, dividends, issuances and redemptions of common stock and changes in accumulated other comprehensive income caused primarily by fluctuations in unrealized holding gains or losses, net of taxes, on available-for-sale investment securities.

Shareholders' equity increased \$135.8 million to \$585.4 million at March 31, 2018 as compared to December 31, 2017. The increase in shareholders' equity was due primarily to \$139.9 million of common equity issued for the Alpine acquisition. During the first three months of 2018, we generated net income of \$1.8 million and declared \$4.2 million to common shareholders. In addition, accumulated other comprehensive income decreased \$2.5 million during the first three months of 2018.

In conjunction with the acquisition of Alpine, the Company paid \$33.3 million in cash and issued 4,463,200 shares of Midland common stock upon closing of the transaction on February 28, 2018. Additionally, the Company issued \$40.0 million aggregate principal amount of subordinated debentures in October 2017, the proceeds of which were used to fund the payment of the cash portion of the merger consideration.

Liquidity Management. Liquidity refers to the measure of our ability to meet the cash flow requirements of depositors and borrowers, while at the same time meeting our operating, capital and strategic cash flow needs, all at a reasonable cost. We continuously monitor our liquidity position to ensure that assets and liabilities are managed in a manner that will meet all short-term and long-term cash requirements. We manage our liquidity position to meet the daily cash flow needs of customers, while maintaining an appropriate balance between assets and liabilities to meet the return on investment objectives of our shareholders.

Integral to our liquidity management is the administration of short-term borrowings. To the extent we are unable to obtain sufficient liquidity through core deposits, we seek to meet our liquidity needs through wholesale funding or other borrowings on either a short- or long-term basis.

Securities sold under agreements to repurchase, which are classified as secured borrowings, generally mature within one to four days from the transaction date. Securities sold under agreements to repurchase are reflected at the amount of cash received in connection with the transaction. The Bank may be required to provide additional collateral based on the fair value of the underlying securities. Investment securities with a carrying amount of \$129.7 million and \$157.2 million at March 31, 2018 and December 31, 2017, respectively, were pledged for securities sold under agreements to repurchase.

The Company had lines of credit of \$74.5 million and \$32.5 million at March 31, 2018 and December 31, 2017, respectively, from the Federal Reserve Discount Window. The lines are collateralized by collateral agreements totaling \$74.5 million and \$36.5 million at March 31, 2018 and December 31, 2017, respectively. There were no outstanding borrowings at March 31, 2018 and December 31, 2017.

At March 31, 2018, the Company had federal funds lines of credit totaling \$97.5 million. The lines of credit were unused at March 31, 2018.

The Company is a corporation separate and apart from the Bank and, therefore, must provide for its own liquidity. The Company's main source of funding is dividends declared and paid to us by the Bank. There are statutory, regulatory and debt covenant limitations that affect the ability of the Bank to pay dividends to the Company. Management believes that these limitations will not impact our ability to meet our ongoing short-term cash obligations.

Regulatory Capital Requirements

We are subject to various regulatory capital requirements administered by the federal and state banking regulators. Failure to meet regulatory capital requirements may result in certain mandatory and possible additional discretionary actions by regulators that, if undertaken, could have a direct material effect on our financial statements. Under capital adequacy guidelines and the regulatory framework for "prompt corrective action", we must meet specific capital guidelines that involve quantitative measures of our assets, liabilities and certain off-balance sheet items as calculated under regulatory accounting policies.

The Dodd-Frank Wall Street Reform and Consumer Protection Act and the Basel III regulatory capital reforms (the "Basel III Rule") have established capital standards for banks and bank holding companies. The table below summarizes the minimum capital requirements applicable to us under the Basel III Rule.

Ratio	Basel III	
	Well Capitalized	Adequately Capitalized
Tier 1 leverage ratio	5.0 %	4.0 %
Common equity Tier 1 risk-based capital ratio	6.5	4.5
Tier 1 risk-based capital ratio	8.0	6.0
Total risk-based capital ratio	10.0	8.0

In addition to the minimum regulatory capital requirements set forth in the table above, the Basel III Rule implemented a "capital conservation buffer" that is added to the minimum requirements for capital adequacy purposes.

A banking organization that fails to meet the required amount of the capital conservation buffer will be subject to limits on capital distributions (e.g., dividends, stock buybacks, etc.) and certain discretionary bonus payments to executive officers. For community banks, the capital conservation buffer requirement is being phased in over a three-year period beginning on January 1, 2016. The capital conservation buffer in 2016 was 0.625%, was 1.25% in 2017, is 1.875% in 2018 and will be fully phased in at 2.5% on January 1, 2019.

At March 31, 2018, the Company was considered to be “well-capitalized” with a Tier 1 leverage ratio of 9.55%, a common equity Tier 1 capital ratio of 8.30%, a Tier 1 capital ratio of 9.84% and with a total capital ratio of 12.37%.

At March 31, 2018, Midland States Bank exceeded all regulatory capital requirements under the Basel III Rule and was considered to be “well-capitalized” with a Tier 1 leverage ratio of 10.39%, a common equity Tier 1 capital ratio of 12.20%, a Tier 1 capital ratio of 12.20% and a total capital ratio of 12.71%.

At March 31, 2018, Alpine Bank exceeded all regulatory capital requirements under the Basel III Rule and was considered to be “well-capitalized” with a Tier 1 leverage ratio of 7.67%, a common equity Tier 1 capital ratio of 10.96%, a Tier 1 capital ratio of 10.96% and a total capital ratio of 11.03%.

Contractual Obligations

The following table contains supplemental information regarding our total contractual obligations at March 31, 2018:

(dollars in thousands)	Payments Due				Total
	Less than One Year	One to Three Years	Three to Five Years	More than Five Years	
Deposits without a stated maturity	\$3,338,265	\$ —	\$ —	\$ —	\$3,338,265
Time deposits	525,827	324,890	39,360	5,473	895,550
Securities sold under repurchase agreements	130,693	—	—	—	130,693
FHLB advances and other borrowings	178,665	87,430	216,398	105,000	587,493
Operating lease obligations	3,110	4,672	3,752	3,218	14,752
Subordinated debt	—	—	39,383	54,630	94,013
Trust preferred debentures	—	—	—	47,443	47,443
Total contractual obligations	<u>\$4,176,560</u>	<u>\$ 416,992</u>	<u>\$298,893</u>	<u>\$215,764</u>	<u>\$5,108,209</u>

We believe that we will be able to meet our contractual obligations as they come due through the maintenance of adequate cash levels. We expect to maintain adequate cash levels through profitability, loan and securities repayment and maturity activity and continued deposit gathering activities. We have in place various borrowing mechanisms for both short-term and long-term liquidity needs.

Quantitative and Qualitative Disclosures About Market Risk

Market Risk. Market risk represents the risk of loss due to changes in market values of assets and liabilities. We incur market risk in the normal course of business through exposures to market interest rates, equity prices, and credit spreads. We have identified two primary sources of market risk: interest rate risk and price risk.

Interest Rate Risk

Overview. Interest rate risk is the risk to earnings and value arising from changes in market interest rates. Interest rate risk arises from timing differences in the repricings and maturities of interest-earning assets and interest-bearing liabilities (reprice risk), changes in the expected maturities of assets and liabilities arising from embedded options, such as borrowers’ ability to prepay residential mortgage loans at any time and depositors’ ability to redeem certificates of deposit before maturity (option risk), changes in the shape of the yield curve where interest rates increase or decrease in a nonparallel fashion (yield curve risk), and changes in spread relationships between different yield curves, such as U.S. Treasuries and LIBOR (basis risk).

Our board of directors’ Asset-Liability Committee (“ALCO”) establishes broad policy limits with respect to interest rate risk. ALCO establishes specific operating guidelines within the parameters of the board of directors’ policies. In general, we seek to minimize the impact of changing interest rates on net interest income and the economic

values of assets and liabilities. Our ALCO meets quarterly to monitor the level of interest rate risk sensitivity to ensure compliance with the board of directors' approved risk limits.

Interest rate risk management is an active process that encompasses monitoring loan and deposit flows complemented by investment and funding activities. Effective management of interest rate risk begins with understanding the dynamic characteristics of assets and liabilities and determining the appropriate interest rate risk posture given business forecasts, management objectives, market expectations, and policy constraints.

An asset sensitive position refers to a balance sheet position in which an increase in short-term interest rates is expected to generate higher net interest income, as rates earned on our interest-earning assets would reprice upward more quickly than rates paid on our interest-bearing liabilities, thus expanding our net interest margin. Conversely, a liability sensitive position refers to a balance sheet position in which an increase in short-term interest rates is expected to generate lower net interest income, as rates paid on our interest-bearing liabilities would reprice upward more quickly than rates earned on our interest-earning assets, thus compressing our net interest margin.

Income Simulation and Economic Value Analysis. Interest rate risk measurement is calculated and reported to the ALCO at least quarterly. The information reported includes period-end results and identifies any policy limits exceeded, along with an assessment of the policy limit breach and the action plan and timeline for resolution, mitigation, or assumption of the risk.

We use two approaches to model interest rate risk: Net Interest Income at Risk ("NII at Risk") and Economic Value of Equity ("EVE"). Under NII at Risk, net interest income is modeled utilizing various assumptions for assets, liabilities, and derivatives. EVE measures the period end market value of assets minus the market value of liabilities and the change in this value as rates change. EVE is a period end measurement.

The following table shows NII at Risk at the dates indicated:

(dollars in thousands)	Net Interest Income Sensitivity		
	Immediate Change in Rates		
	-50	+100	+200
March 31, 2018:			
Dollar change	\$ (2,151)	\$ 504	\$ 443
Percent change	(1.2)%	0.3 %	0.2 %
December 31, 2017:			
Dollar change	\$ (3,065)	\$ 3,546	\$ 6,504
Percent change	(2.2)%	2.6 %	4.7 %

We report NII at Risk to isolate the change in income related solely to interest earning assets and interest-bearing liabilities. The NII at Risk results included in the table above reflect the analysis used quarterly by management. It models immediate -50, +100 and +200 basis point parallel shifts in market interest rates. Due to the recent low level of short-term interest rates, the analysis reflects a declining interest rate scenario of 50 basis points, the point at which many assets and liabilities reach zero percent. The Bank did not establish a policy limit for the -50 basis point scenario, however, with the recent increase in the relative level of rates during early 2018, the Bank will resume reporting of the -100 basis point scenario.

We are within board policy limits for the +100 and +200 basis point scenarios. There is no policy limit for the -50 basis point scenario. The NII at Risk reported at March 31, 2018, projects that our earnings exhibit decreased sensitivity to changes in interest rates compared to December 31, 2017.

The following table shows EVE at the dates indicated:

(dollars in thousands)	Economic Value of Equity Sensitivity		
	Immediate Change in Rates		
	-50	+100	+200
March 31, 2018:			
Dollar change	\$ (20,758)	\$ 29,012	\$ 50,962
Percent change	(3.5)%	4.8 %	8.5 %
December 31, 2017:			
Dollar change	\$ (20,384)	\$ 29,803	\$ 53,786
Percent change	(4.6)%	6.7 %	12.0 %

The EVE results included in the table above reflect the analysis used quarterly by management. It models immediate -50, +100 and +200 basis point parallel shifts in market interest rates. Due to the recent low level of short-term interest rates, the analysis reflects a declining interest rate scenario of 50 basis points, the point at which many assets and liabilities reach zero percent. The Bank did not establish a policy limit for the -50 basis point scenario, however, with the recent increase in the relative level of rates during early 2018, the Bank will resume reporting of the -100 basis point scenario.

We are within board policy limits for the +100 and +200 basis point scenarios. There is no policy limit for the -50 basis point scenario. The EVE reported at March 31, 2018 projects that as interest rates increase, the economic value of equity position will increase, and as interest rates decrease, the economic value of equity position will decrease. When interest rates rise, fixed rate assets generally lose economic value; the longer the duration, the greater the value lost. The opposite is true when interest rates fall.

Price Risk. Price risk represents the risk of loss arising from adverse movements in the prices of financial instruments that are carried at fair value and subject to fair value accounting. We have price risk from equity investments and investments in securities backed by mortgage loans.

Item 3 – Quantitative and Qualitative Disclosures About Market Risk

The quantitative and qualitative disclosures about market risk are included under “Item 2 – Management’s Discussion and Analysis of Financial Condition and Results of Operations – Quantitative and Qualitative Disclosures About Market Risk,” appearing on pages [57](#) through [59](#) of this report.

Item 4 – Controls and Procedures

Evaluation of disclosure controls and procedures. The Company’s management, including our President and Chief Executive Officer and our Chief Financial Officer, have evaluated the effectiveness of our “disclosure controls and procedures” (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”)), as of the end of the period covered by this report. Based on such evaluation, our President and Chief Executive Officer and our Chief Financial Officer have concluded that, as of the end of such period, the Company’s disclosure controls and procedures were effective as of that date to provide reasonable assurance that the information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC and that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is accumulated and communicated to the Company’s management, including its President and Chief Executive Officer and its Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

Changes in internal control over financial reporting. There have not been any changes in the Company’s internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) during the fiscal quarter to which this report relates that have materially affected, or are reasonably likely to materially affect, the Company’s internal control over financial reporting.

Part II – Other Information

Item 1 – Legal Proceedings

In the normal course of business, we are named or threatened to be named as a defendant in various lawsuits, none of which we expect to have a material effect on the Company. However, given the nature, scope and complexity of the extensive legal and regulatory landscape applicable to our business (including laws and regulations governing consumer protection, fair lending, fair labor, privacy, information security and anti-money laundering and anti-terrorism laws), we, like all banking organizations, are subject to heightened legal and regulatory compliance and litigation risk. There are no material pending legal proceedings to which the Company or any of its subsidiaries is a party or of which any of their property is the subject.

Item 1A – Risk Factors

There have been no material changes from the risk factors previously disclosed in the “Risk Factors” section included in our Annual Report on Form 10-K for the year ended December 31, 2017.

Item 2 – Unregistered Sales of Equity Securities and Use of Proceeds

Issuer Purchases of Equity Securities

The following table sets forth information regarding the Company's repurchase of shares of its outstanding common stock during the first quarter of 2018.

Period	Total Number of Shares Purchased ⁽¹⁾	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs
January 1 - 31, 2018	160	\$ 32.63	-	-
February 1 - 28, 2018	635	32.78	-	-
March 1 -31, 2018	3,069	31.80	-	-
Total	<u>3,864</u>	<u>\$ 32.00</u>	<u>-</u>	<u>-</u>

- (1) Represents shares of the Company's common stock repurchased under the employee stock purchase program and/or shares withheld to satisfy tax withholding obligations upon the vesting of awards of restricted stock. These shares were purchased pursuant to the terms of the applicable plan and not pursuant to a publicly announced repurchase plan or program.

Item 6 – Exhibits

Exhibit No.	Description
10.1	<u>Employment Agreement, dated as of March 7, 2018, among Midland States Bancorp, Inc., Midland States Bank and Stephen A. Erickson (incorporated by reference to Exhibit 10.1 to the Company’s Current Report on Form 8-K filed with the SEC on March 7, 2018).</u>
31.1	<u>Chief Executive Officer’s Certification required by Rule 13(a)-14(a) – filed herewith.</u>
31.2	<u>Chief Financial Officer’s Certification required by Rule 13(a)-14(a) – filed herewith.</u>
32.1	<u>Chief Executive Officer Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 – filed herewith.</u>
32.2	<u>Chief Financial Officer Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 – filed herewith.</u>
101	Financial information from the Company’s Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2018, formatted in XBRL interactive data files pursuant to Rule 405 of Regulation S-T: (i) Consolidated Balance Sheets; (ii) Consolidated Statements of Income; (iii) Consolidated Statements of Comprehensive Income; (iv) Consolidated Statements of Shareholders’ Equity; (v) Consolidated Statements of Cash Flows; and (vi) Notes to Consolidated Financial Statements – filed herewith.

SIGNATURES

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

MIDLAND STATES BANCORP, INC.

Date: May 10, 2018

By: /s/ Leon J. Holschbach
Leon J. Holschbach
Chief Executive Officer
(Principal Executive Officer)

Date: May 10, 2018

By: /s/ Stephen A. Erickson
Stephen A. Erickson
Chief Financial Officer
(Principal Financial and Accounting Officer)

**CERTIFICATIONS REQUIRED BY
RULE 13a-14(a) OR RULE 15d-14(a)
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

I, Leon J. Holschbach, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q (the "Report") of Midland States Bancorp, Inc. (the "Registrant");
2. Based on my knowledge, this Report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this Report;
3. Based on my knowledge, the financial statements, and other financial information included in this Report, fairly present in all material respects the financial condition, results of operations and cash flows of the Registrant as of, and for, the periods presented in this Report;
4. The Registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the Registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this Report is being prepared;
 - b) [Reserved]
 - c) Evaluated the effectiveness of the Registrant's disclosure controls and procedures and presented in this Report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this Report based on such evaluation; and
 - d) Disclosed in this Report any change in the Registrant's internal control over financial reporting that occurred during the Registrant's most recent fiscal quarter (the Registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting; and
5. The Registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant's auditors and the audit committee of the Registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.

MIDLAND STATES BANCORP, INC.

Dated as of: May 10, 2018

By: /s/ Leon J. Holschbach
Leon J. Holschbach
Chief Executive Officer
(Principal Executive Officer)
