UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K

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

Date of report (Date of earliest event reported): October 20, 2017

Midland States Bancorp, Inc.

(Exact Name of Registrant as Specified in Charter)

001-35272

37-1233196 (IRS Employer Identification No.)

Illinois (State or Other Jurisdiction of Incorporation)

1201 Network Centre Drive

(Commission File Number)

Effingham, Illinois 62401

(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (217) 342-7321

N/A

(Former Name or Former Address, if Changed Since Last Report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

x Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b— 2 of the Securities Exchange Act of 1934 (§ 240.12b—2 of this chapter).

Emerging growth company x

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. x

Item 2.02. Results of Operations and Financial Condition.

On October 26, 2017, Midland States Bancorp, Inc. (the "Company" or "Midland") issued a press release announcing its financial results for the third quarter of 2017. The press release is furnished herewith as Exhibit 99.1.

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On October 20, 2017, Kevin L. Thompson resigned from his positions as Chief Financial Officer, principal financial officer and principal accounting officer. The Company appointed Jeffrey G. Ludwig to serve as Chief Financial Officer, principal financial officer and principal accounting officer on an interim basis while the Company conducts an executive search for Mr. Thompson's replacement.

Mr. Ludwig, 46, currently serves as Executive Vice President of the Company and as President of Midland States Bank, the Company's wholly owned subsidiary, and previously served as the Company's Chief Financial Officer from November 2006 through November 2016. A complete description of Mr. Ludwig's positions with the Company and prior business experience is set forth in the Company's proxy statement for its 2017 annual meeting of shareholders, filed with the Securities and Exchange Commission on March 17, 2017, which description is incorporated herein by reference.

Item 7.01. Regulation FD Disclosure.

On October 26, 2017, the Company made available on its website a slide presentation regarding the Company's third quarter 2017 financial results, which will be used as part of a publicly accessible conference call on October 27, 2017. The slide presentation is furnished herewith as Exhibit 99.2.

The information furnished pursuant to Item 2.02 and this Item 7.01, and the related exhibits, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as may be expressly set forth by specific reference in such filing.

Item 8.01. Other Events.

On October 26, 2017, the Company issued a press release regarding the change in the Company's Chief Financial Officer, which is filed herewith as Exhibit 99.3.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

| Exhibit No. | Description |
|----------------|--|
| 99.1 | Press Release of Midland States Bancorp, Inc., dated October 26, 2017 regarding third quarter 2017 financial results |
| 99.2 | Slide Presentation of Midland States Bancorp, Inc. regarding third quarter 2017 financial results |
| 99.3 | Press Release of Midland States Bancorp, Inc., dated October 26, 2017, regarding change in chief financial officer |
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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 hereunto duly authorized.

Date: October 26, 2017

MIDLAND STATES BANCORP, INC.

| By: | /s/ Douglas J. Tucker |
|--------|---|
| Name: | Douglas J. Tucker |
| Title: | Senior Vice President and Corporate Counsel |

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For Immediate Release

MIDLAND STATES BANCORP, INC. ANNOUNCES 2017 THIRD QUARTER RESULTS

<u>Highlights</u>

- Definitive agreement to acquire Alpine Bancorporation announced on October 16, 2017
- · Integration of Centrue acquisition completed
- Net income of \$2.0 million, or \$0.10 diluted earnings per share, for the third quarter of 2017
- Pending sale of residential mortgage servicing rights expected to reduce earnings volatility and enable redeployment of capital for the Alpine acquisition

Effingham, IL, October 26, 2017 — Midland States Bancorp, Inc. (NASDAQ: MSBI) (the "Company") today reported financial results for the third quarter of 2017, which included \$8.3 million, or \$0.27 per diluted share, in integration and acquisition expenses largely related to the integration of Centrue Financial Corporation ("Centrue"), and a \$3.6 million loss, or \$0.12 per diluted share, on mortgage servicing rights ("MSRs") held for sale. Inclusive of these expenses, Midland reported net income of \$2.0 million, or \$0.10 diluted earnings per share, for the third quarter of 2017, compared with net income of \$3.5 million, or \$0.20 diluted earnings per share, for the second quarter of 2017, and net income of \$8.1 million, or \$0.51 diluted earnings per share for the third quarter of 2016.

"We continue to transform Midland into a stronger, more profitable institution through our strategic initiatives and ongoing M&A activity," said Leon J. Holschbach, President and Chief Executive Officer of the Company. "The integration of Centrue has gone well and we are seeing the positive impact of the synergies we projected for this transaction. With the recent announcement of our pending acquisition of Alpine Bancorporation, we have positioned Midland to be more focused on the core community bank and wealth management businesses, which we anticipate generating steady growth in the coming years. As our community bank and wealth management businesses increase in scale, we anticipate that the commercial FHA and residential mortgage banking businesses will continue to be meaningful contributors to our financial results, although smaller components of our overall revenue mix.

"During the third quarter, we made the decision to exit most of our residential mortgage servicing business and take a charge against our MSRs in anticipation of their sale. Although the charge had a negative impact on our third quarter results, we believe disposing of the MSRs will reduce our earnings volatility and free up capital that can be utilized to support the acquisition of Alpine. With the addition of Alpine, we will be well positioned as an even higher performing bank with a more consistent earnings stream," said Mr. Holschbach.

Adjusted Earnings

Financial results for the third and second quarters of 2017 included \$8.3 million and \$7.5 million in integration and acquisition-related expenses, respectively. The third quarter of 2017 also included a \$3.6 million loss on MSRs held for sale. Excluding these expenses, adjusted earnings were \$9.7 million, or \$0.49 diluted earnings per share, for the third quarter of 2017, compared with adjusted earnings of \$8.9 million, or \$0.51 diluted earnings per share, for the second quarter of 2017. The decline in adjusted earnings per share is primarily attributable to a higher weighted average diluted share count resulting from the shares issued in the Centrue acquisition. A reconciliation of adjusted earnings to net income according to generally accepted accounting principles ("GAAP") is provided in the financial tables at the end of this press release.

Net Interest Income

Net interest income for the third quarter of 2017 was \$36.8 million, an increase of 25.1% from \$29.4 million for the second quarter of 2017. The increase in net interest income was primarily attributable to higher interest income on loans due to a 21.1% increase in the average balance of loans, largely due to the full quarter impact of the Centrue acquisition.

The Company's net interest income benefits from accretion income associated with purchased loan portfolios. Accretion income totaled \$3.0 million for the third quarter of 2017, compared with \$1.3 million for the second quarter of 2017.

Relative to the third quarter of 2016, net interest income increased \$9.5 million, or 34.8%. Accretion income for the third quarter of 2016 was \$2.6 million. The increase in net interest income resulted from a \$12.7 million increase in interest income on loans due primarily to growth in the average balance of loans. This increase was offset in part by a \$2.6 million increase in interest expense primarily due to interest-bearing deposits from Centrue combined with increased usage of FHLB advances.

Net Interest Margin

Net interest margin for the third quarter of 2017 was 3.78%, compared to 3.70% for the second quarter of 2017. The Company's net interest margin benefits from accretion income on purchased loan portfolios. Excluding accretion income, net interest margin was 3.51% for the third quarter of 2017, compared with 3.57% for the second quarter of 2017. The decrease in net interest margin excluding accretion income was primarily attributable to a decline in the yield on

investment securities resulting from the full quarter impact of the addition of Centrue's lower-yielding investment portfolio, partially offset by an increase in average loan yields.

Relative to the third quarter of 2016, the net interest margin decreased from 4.00%. Excluding accretion income, the net interest margin decreased from 3.66%, which was primarily attributable to a decline in the yield on investment securities due to the addition of Centrue's lower-yielding investment portfolio and the sale of collateralized mortgage obligations ("CMOs") in October 2016, partially offset by an increase in average loan yields.

Noninterest Income

Noninterest income for the third quarter of 2017 was \$15.4 million, an increase of 13.1% from \$13.6 million for the second quarter of 2017. This increase was primarily attributable to higher service charges on deposits and interchange revenue resulting from the full quarter impact of Centrue.

Wealth management revenue for the third quarter of 2017 was \$3.5 million, an increase of 2.0% from \$3.4 million in the second quarter of 2017. Compared to the third quarter of 2016, wealth management revenue increased 79.0%, which was attributable to 14% organic growth in assets under management and the acquisitions of Sterling Trust in November 2016 and CedarPoint Investment Advisors in March 2017.

Commercial FHA revenue for the third quarter of 2017 was \$3.8 million, a decrease of 9.1% from \$4.2 million in the second quarter of 2017. The Company originated \$112.5 million in rate lock commitments during the third quarter of 2017, compared to \$151.6 million in the prior quarter. Compared to the third quarter of 2016, commercial FHA revenue increased 15.9%.

Residential mortgage banking revenue for the third quarter of 2017 was \$2.3 million, unchanged from \$2.3 million in the second quarter of 2017. Compared to the third quarter of 2016, residential mortgage banking revenue decreased 53.6%, primarily due to a decline in demand in the refinancing market and the departure of the Company's Colorado production team during the second quarter of 2017.

Relative to the third quarter of 2016, noninterest income increased 3.1% from \$14.9 million. The increase was due to increases across all of the Company's major fee generating businesses with the exception of residential mortgage banking revenue.

Noninterest Expense

Noninterest expense for the third quarter of 2017 was \$48.4 million, compared with \$37.6 million for the second quarter of 2017. Noninterest expense for the third and second quarters of 2017 included \$8.3 million and \$7.5 million in integration and acquisition-related expenses, respectively. Third quarter 2017 expenses also included a \$3.6 million loss on MSRs held for sale. Excluding these expenses, noninterest expense increased \$6.2 million or 20.7% from the prior quarter. The increase was attributable to the full quarter impact of Centrue.

Relative to the third quarter of 2016, noninterest expense excluding integration and acquisition-related expenses and the loss on mortgage servicing rights held for sale increased 28.8% from \$28.3 million. The increase was primarily due to personnel and facilities added in the three acquisitions completed over the past year, partially offset by cost savings resulting from the Company's Operational Excellence initiative.

Income Tax Expense

Income tax expense was \$0.3 million for the third quarter of 2017, compared to \$1.4 million for the second quarter of 2017. The effective tax rate for the third quarter of 2017 was 12.1%, compared to 28.0% in the prior quarter. Adjustments to the current quarter tax expense upon finalizing the 2016 tax returns resulted in the decreased effective tax rate. The effect of this adjustment was amplified by the lower pre-tax income recorded in the quarter.

Loan Portfolio

Total loans outstanding were \$3.16 billion at September 30, 2017, compared with \$3.18 billion at June 30, 2017 and \$2.31 billion at September 30, 2016. The decrease in total loans from June 30, 2017 was attributable to elevated payoffs in the commercial loan portfolio, which was partially offset by increases in the residential real estate, construction and consumer loan portfolios. The increase in total loans from September 30, 2016, was due to organic growth and the addition of \$681.9 million of loans from Centrue.

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Deposits

Total deposits were \$3.11 billion at September 30, 2017, compared with \$3.33 billion at June 30, 2017, and \$2.42 billion at September 30, 2016. The decrease in total deposits from June 30, 2017 was primarily attributable to a return to more normalized end-of-period balances related to commercial FHA loan servicing, as well as a change in the mix of non-core funding sources from brokered deposits to lower cost FHLB advances.

Asset Quality

Non-performing loans totaled \$33.4 million, or 1.06% of total loans, at September 30, 2017, compared with \$27.6 million, or 0.87% of total loans, at June 30, 2017, and \$29.9 million, or 1.29% of total loans, at September 30, 2016. The increase in non-performing loans during the third quarter of 2017 was related to the downgrade of one commercial real estate loan.

Net charge-offs for the third quarter of 2017 were \$0.1 million, or 0.01% of average loans on an annualized basis. The Company recorded a provision for loan losses of \$1.5 million for the third quarter of 2017, primarily related to specific reserves set against two non-performing loans. The Company's allowance for loan losses was 0.53% of total loans and 50.4% of non-performing loans at September 30, 2017, compared with 0.48% and 55.8%, respectively, at June 30, 2017. Including the fair market value discounts recorded in connection with acquired loan portfolios, the allowance for loan losses to total loans ratio was 0.99% at September 30, 2017, compared with 0.98% at June 30, 2017.

Capital

At September 30, 2017, the Company exceeded all regulatory capital requirements under Basel III and was considered to be a "well-capitalized" financial institution, as summarized in the following table:

| | September 30, 2017 | Well Capitalized Regulatory Requirements |
|---|-----------------------|---|
| Total capital to risk-weighted assets | 12.21% | 10.00% |
| Tier 1 capital to risk-weighted assets | 10.20% | 8.00% |
| Tier 1 leverage ratio | 8.54% | 5.00% |
| Common equity Tier 1 capital | 8.50% | 6.50% |
| Tangible common equity to tangible assets | 7.85% | NA |

Conference Call, Webcast and Slide Presentation

The Company will host a conference call and webcast at 7:30 a.m. Central Time on Friday, October 27, 2017 to discuss its financial results. The call can be accessed via telephone at (877) 516-3531 (passcode: 91007841). A recorded replay can be accessed through November 3, 2017 by dialing (855) 859-2056; passcode: 91007841.

A slide presentation relating to the third quarter 2017 results will be accessible prior to the scheduled conference call. The slide presentation and webcast of the conference call can be accessed on the Webcasts and Presentations page of the Company's investor relations website.

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About Midland States Bancorp, Inc.

Midland States Bancorp, Inc. is a community-based financial holding company headquartered in Effingham, Illinois, and is the sole shareholder of Midland States Bank. As of September 30, 2017, the Company had total assets of \$4.3 billion and its Wealth Management Group had assets under administration of approximately \$2.0 billion. Midland provides a full range of commercial and consumer banking products and services, merchant credit card services, trust and investment management, and insurance and financial planning services. In addition, commercial equipment leasing services are provided through Heartland Business Credit, and multi-family and healthcare facility FHA financing is provided through Love Funding, Midland's non-bank subsidiaries. For additional information, visit www.midlandsb.com or follow Midland on LinkedIn at https://www.linkedin.com/company/midland-states-bank.

Non-GAAP Financial Measures

Some of the financial measures included in this press release are not measures of financial performance recognized in accordance with accounting principles generally accepted in the United States ("GAAP"). These non-GAAP financial measures include "Adjusted Earnings," "Adjusted Diluted Earnings Per Share," "Adjusted Return on Average Assets," "Adjusted Return on Average Shareholders' Equity," "Adjusted Return on Average Tangible Common Equity," "Yield on Loans Excluding Accretion Income," "Net Interest Margin Excluding Accretion Income," "Tangible Common Equity to Tangible Assets," "Tangible Book Value Per Share" and "Return on Average Tangible Common Equity." The Company believes that these non-GAAP financial measures provide both management and investors a more complete understanding of the Company's funding profile and profitability. These non-GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures. Not all companies use the same calculation of these measures; therefore this presentation may not be comparable to other similarly titled measures as presented by other companies.

Forward-Looking Statements

Readers should note that in addition to the historical information contained herein, this press release includes "forward-looking statements," including but not limited to statements about the Company's expected loan production, operating expenses and future earnings levels. 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; and other risks detailed from time to time in filings made by the Company with the Securities and Exchange Commission. Readers should note that the forward-looking statements included in this press release 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 press release, 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.

CONTACTS:

Jeffrey G. Ludwig, Chief Financial Officer, at jludwig@midlandsb.com or (217) 342-7321 Douglas J. Tucker, Sr. V.P., Corporate Counsel, at dtucker@midlandsb.com or (217) 342-7321

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MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited)

| | | | | For the | Quarter Ended | | | | |
|---|------|------------|--------------|---------|---------------|----|------------|------|------------|
| | Sept | tember 30, | June 30, | N | /Iarch 31, | De | cember 31, | Sept | tember 30, |
| (dollars in thousands, except per share data) | | 2017 | 2017 | | 2017 | | 2016 | | 2016 |
| Earnings Summary | | | | | | | | | |
| Net interest income | \$ | 36,765 | \$ 29,400 | \$ | 27,461 | \$ | 25,959 | \$ | 27,265 |
| Provision for loan losses | | 1,489 | 458 | | 1,533 | | 2,445 | | 1,392 |

| Noninterest income | 15,403 | 13,619 | 16,330 | | 30,486 | | 14,937 |
|--|--|---|--|----------|--|----------|--|
| Noninterest expense | 48,363 | 37,645 | 30,785 | | 34,090 | | 28,657 |
| Income before income taxes | 2,316 | 4,916 | 11,473 | | 19,910 | | 12,153 |
| Income taxes | 280 | 1,377 | 2,983 | | 8,327 | | 4,102 |
| Net income | \$ 2,036 | \$ 3,539 | \$ 8,490 | \$ | 11,583 | \$ | 8,051 |
| | | | | | | | |
| Diluted earnings per common share | \$ 0.10 | \$ 0.20 | \$ 0.52 | \$ | 0.72 | \$ | 0.51 |
| Weighted average shares outstanding - diluted | 19,704,217 | 17,320,089 | 16,351,637 | | 16,032,016 | | 15,858,273 |
| Return on average assets | 0.18% | 0.39% | 1.05% | | 1.44% | | 1.03% |
| Return on average shareholders' equity | 1.78% | 3.93% | 10.58% | | 14.05% | | 10.04% |
| Return on average tangible common shareholders' equity | 2.39% | 4.91% | 12.78% | | 16.84% | | 12.01% |
| Net interest margin | 3.78% | 3.70% | 3.87% | | 3.70% | | 4.00% |
| Efficiency ratio | 69.00% | 66.54% | 66.34% | | 76.64% | | 64.54% |
| | | | | | | | |
| Adjusted Earnings Performance Summary | | | | | | | |
| Adjusted earnings | \$ 9,738 | \$ 8,929 | \$ 9,409 | \$ | 6,302 | \$ | 8,277 |
| Adjusted diluted earnings per common share | \$ 0.49 | \$ 0.51 | \$ 0.57 | \$ | 0.39 | \$ | 0.52 |
| Adjusted return on average assets | 0.87% | 0.99% | 1.16% | | 0.78% | | 1.06% |
| Adjusted return on average shareholders' equity | 8.52% | 9.91% | 11.73% | | 7.64% | | 10.33% |
| Adjusted return on average tangible common | | | | | | | |
| shareholders' equity | 11.43% | 12.39% | 14.16% | | 9.16% | | 12.35% |
| Net interest margin excluding accretion income | 3.51% | 3.57% | 3.52% | | 3.42% | | 3.66% |
| | | | | | | | |
| | 6 | | | | | | |
| Adjusted Earnings Performance Summary Adjusted earnings Adjusted diluted earnings per common share Adjusted return on average assets Adjusted return on average shareholders' equity Adjusted return on average tangible common shareholders' equity | 9,738 0.49 0.87% 8.52% 11.43% 3.51% | 8,929 0.51 0.99% 9.91% 12.39% | 9,409 0.57 1.16% 11.73% 14.16% | \$ \$ | 6,302 0.39 0.78% 7.64% 9.16% | \$ \$ | 8,277 0.52 1.06% 10.33% 12.35% |

MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited) (continued)

| | | | | | | e Quarter Ended | | | | |
|---|-----|--------------------|----|------------------|----|-------------------|----|---------------------|-----|--------------------|
| (in thousands, except per share data) | Sep | tember 30, 2017 | | June 30, 2017 | | March 31, 2017 | De | ecember 31, 2016 | Sep | tember 30, 2016 |
| Net interest income: | | 2017 | | 2017 | | 2017 | | 2010 | | 2010 |
| Total interest income | \$ | 43,246 | \$ | 34,528 | \$ | 31,839 | \$ | 29,981 | \$ | 31,186 |
| Total interest expense | Ŷ | 6,481 | Ŷ | 5,128 | Ŷ | 4,378 | Ŷ | 4,022 | Ŷ | 3,921 |
| Net interest income | | 36,765 | | 29,400 | | 27,461 | | 25,959 | | 27,265 |
| Provision for loan losses | | 1,489 | | 458 | | 1,533 | | 2,445 | | 1,392 |
| Net interest income after provision for loan losses | | 35,276 | | 28,942 | | 25,928 | | 23,514 | | 25,873 |
| Noninterest income: | | 00,270 | | | | | | _0,011 | | |
| Commercial FHA revenue | | 3,777 | | 4,153 | | 6,695 | | 3,704 | | 3,260 |
| Residential mortgage banking revenue | | 2,317 | | 2,330 | | 2,916 | | 6,241 | | 4,990 |
| Wealth management revenue | | 3,475 | | 3,406 | | 2,872 | | 2,495 | | 1,941 |
| Service charges on deposit accounts | | 2,133 | | 1,122 | | 892 | | 988 | | 1,044 |
| Interchange revenue | | 1,724 | | 1,114 | | 977 | | 921 | | 920 |
| Gain on sales of investment securities, net | | 98 | | 55 | | 67 | | 14,387 | | 39 |
| Other income | | 1,879 | | 1,439 | | 1,911 | | 1,750 | | 2,743 |
| Total noninterest income | | 15,403 | | 13,619 | | 16,330 | | 30,486 | | 14,937 |
| Noninterest expense: | | | | | | | | | | |
| Salaries and employee benefits | | 22,411 | | 21,842 | | 17,115 | | 17,326 | | 16,568 |
| Occupancy and equipment | | 4,144 | | 3,472 | | 3,184 | | 3,266 | | 3,271 |
| Data processing | | 5,786 | | 2,949 | | 2,796 | | 2,828 | | 2,586 |
| Professional | | 4,151 | | 3,142 | | 2,992 | | 2,898 | | 1,877 |
| Amortization of intangible assets | | 1,187 | | 579 | | 525 | | 534 | | 514 |
| Loss on mortgage servicing rights held for sale | | 3,617 | | — | | — | | | | — |
| Other | | 7,067 | | 5,661 | | 4,173 | | 7,238 | | 3,841 |
| Total noninterest expense | | 48,363 | | 37,645 | | 30,785 | | 34,090 | | 28,657 |
| Income before income taxes | | 2,316 | | 4,916 | | 11,473 | | 19,910 | | 12,153 |
| Income taxes | | 280 | | 1,377 | | 2,983 | | 8,327 | | 4,102 |
| Net income | \$ | 2,036 | \$ | 3,539 | \$ | 8,490 | \$ | 11,583 | \$ | 8,051 |
| Basic earnings per common share | \$ | 0.10 | \$ | 0.21 | \$ | 0.54 | \$ | 0.74 | \$ | 0.51 |
| Diluted earnings per common share | \$ | 0.10 | \$ | 0.20 | \$ | 0.52 | \$ | 0.72 | \$ | 0.51 |
| | | 7 | | | | | | | | |

MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited) (continued)

| | | | | | At Q | uarter Ended | | | |
|---------------------------|---|---------|----|---------|------|--------------|---------------|----|---------|
| | September 30, June 30, March 31, December 31, | | | | | | September 30, | | |
| (in thousands) | | 2017 | | 2017 | | 2017 | 2016 | - | 2016 |
| Assets | | | | | | | | | |
| Cash and cash equivalents | \$ | 183,572 | \$ | 334,356 | \$ | 218,096 | \$ 190,716 | \$ | 228,030 |
| | | | | | | | | | |

| Investment securities available-for-sale at fair value | 396,985 | | 385,340 | 259,332 | 246,339 | 252,212 |
|---|--|----|--|--|--|--|
| Investment securities held to maturity at amortized cost | 70,867 | | 75,371 | 76,276 | 78,672 | 82,941 |
| Loans | 3,157,972 | | 3,184,063 | 2,454,950 | 2,319,976 | 2,312,778 |
| Allowance for loan losses | (16,861) | | (15,424) | (15,805) | (14,862) | (15,559) |
| Total loans, net | 3,141,111 | | 3,168,639 | 2,439,145 | 2,305,114 | 2,297,219 |
| Loans held for sale at fair value | 35,874 | | 41,689 | 39,900 | 70,565 | 61,363 |
| Premises and equipment, net | 80,941 | | 76,598 | 66,914 | 66,692 | 70,727 |
| Other real estate owned | 6,379 | | 7,036 | 3,680 | 3,560 | 4,828 |
| Mortgage servicing rights at lower of cost or market | 56,299 | | 70,277 | 68,557 | 68,008 | 64,689 |
| Mortgage servicing rights held for sale | 10,618 | | _ | | _ | _ |
| Intangible assets | 17,966 | | 18,459 | 8,633 | 7,187 | 5,391 |
| Goodwill | 97,351 | | 96,940 | 50,807 | 48,836 | 46,519 |
| Cash surrender value of life insurance policies | 112,591 | | 111,802 | 74,806 | 74,226 | 74,276 |
| Other assets | 137,207 | | 105,135 | 67,431 | 73,808 | 59,532 |
| Total assets | \$ 4,347,761 | \$ | 4,491,642 | \$ 3,373,577 | \$ 3,233,723 | \$ 3,247,727 |
| | | - | | | | |
| | | | | | | |
| Liabilities and Shareholders' Equity | | | | | | |
| Liabilities and Shareholders' Equity Noninterest bearing deposits | \$ 674,118 | \$ | 780,803 | \$ 528,021 | \$ 562,333 | \$ 629,113 |
| | \$ 674,118 2,440,349 | \$ | 780,803 2,552,228 | \$ 528,021 1,999,455 | \$ 562,333 1,842,033 | \$ 629,113 1,790,919 |
| Noninterest bearing deposits | \$, | \$ | | \$, | \$ | \$, |
| Noninterest bearing deposits Interest bearing deposits | \$ 2,440,349 | \$ | 2,552,228 | \$ 1,999,455 | \$ 1,842,033 | \$ 1,790,919 |
| Noninterest bearing deposits Interest bearing deposits Total deposits | \$ 2,440,349 3,114,467 | \$ | 2,552,228 3,333,031 | \$ 1,999,455 2,527,476 | \$ 1,842,033 2,404,366 | \$ 1,790,919 2,420,032 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings | \$ 2,440,349 3,114,467 153,443 | \$ | 2,552,228 3,333,031 170,629 | \$ 1,999,455 2,527,476 124,035 | \$ 1,842,033 2,404,366 131,557 | \$ 1,790,919 2,420,032 138,289 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings | \$ 2,440,349 3,114,467 153,443 488,870 | \$ | 2,552,228 3,333,031 170,629 400,304 | \$ 1,999,455 2,527,476 124,035 250,353 | \$ 1,842,033 2,404,366 131,557 237,518 | \$ 1,790,919 2,420,032 138,289 237,543 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings Subordinated debt | \$ 2,440,349 3,114,467 153,443 488,870 54,581 | \$ | 2,552,228 3,333,031 170,629 400,304 54,556 | \$ 1,999,455 2,527,476 124,035 250,353 54,532 | \$ 1,842,033 2,404,366 131,557 237,518 54,508 | \$ 1,790,919 2,420,032 138,289 237,543 54,484 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings Subordinated debt Trust preferred debentures | \$ 2,440,349 3,114,467 153,443 488,870 54,581 45,267 40,444 | \$ | 2,552,228 3,333,031 170,629 400,304 54,556 45,156 | \$ 1,999,455 2,527,476 124,035 250,353 54,532 37,496 | \$ 1,842,033 2,404,366 131,557 237,518 54,508 37,405 | \$ 1,790,919 2,420,032 138,289 237,543 54,484 37,316 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings Subordinated debt Trust preferred debentures Other liabilities | \$ 2,440,349 3,114,467 153,443 488,870 54,581 45,267 | \$ | 2,552,228 3,333,031 170,629 400,304 54,556 45,156 36,014 | \$ 1,999,455 2,527,476 124,035 250,353 54,532 37,496 45,352 | \$ 1,842,033 2,404,366 131,557 237,518 54,508 37,405 46,599 | \$ 1,790,919 2,420,032 138,289 237,543 54,484 37,316 38,314 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings Subordinated debt Trust preferred debentures Other liabilities Total liabilities | \$ 2,440,349 3,114,467 153,443 488,870 54,581 45,267 40,444 3,897,072 | \$ | 2,552,228 3,333,031 170,629 400,304 54,556 45,156 36,014 4,039,690 | \$ 1,999,455 2,527,476 124,035 250,353 54,532 37,496 45,352 3,039,244 | \$ 1,842,033 2,404,366 131,557 237,518 54,508 37,405 46,599 2,911,953 | \$ 1,790,919 2,420,032 138,289 237,543 54,484 37,316 38,314 2,925,978 |
| Noninterest bearing deposits Interest bearing deposits Total deposits Short-term borrowings FHLB advances and other borrowings Subordinated debt Trust preferred debentures Other liabilities Total liabilities Total shareholders' equity | 2,440,349 3,114,467 153,443 488,870 54,581 45,267 40,444 3,897,072 450,689 | | 2,552,228 3,333,031 170,629 400,304 54,556 45,156 36,014 4,039,690 451,952 | 1,999,455 2,527,476 124,035 250,353 54,532 37,496 45,352 3,039,244 334,333 | 1,842,033 2,404,366 131,557 237,518 54,508 37,405 46,599 2,911,953 321,770 | 1,790,919 2,420,032 138,289 237,543 54,484 37,316 38,314 2,925,978 321,749 |

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MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited) (continued)

| | | | | As of | | | | |
|---|----|---------------------|------------------|-------------------|----------------------|-----------|----|---------------------|
| (in thousands) | Se | ptember 30, 2017 | June 30, 2017 | March 31, 2017 | December 31, 2016 | | Se | ptember 30, 2016 |
| Loan Portfolio | | 2017 | 2017 | 2017 | | 2010 | | 2010 |
| Commercial loans | \$ | 513,544 | \$ 571,111 | \$ 475,408 | \$ | 457,827 | \$ | 545,069 |
| Commercial real estate loans | | 1,472,284 | 1,470,487 | 997,200 | | 969,615 | | 956,298 |
| Construction and land development loans | | 182,513 | 176,098 | 171,047 | | 177,325 | | 163,900 |
| Residential real estate loans | | 445,747 | 428,464 | 277,402 | | 253,713 | | 216,935 |
| Consumer loans | | 343,038 | 335,902 | 337,081 | | 270,017 | | 248,131 |
| Lease financing loans | | 200,846 | 202,001 | 196,812 | | 191,479 | | 182,445 |
| Total loans | \$ | 3,157,972 | \$ 3,184,063 | \$ 2,454,950 | \$ | 2,319,976 | \$ | 2,312,778 |
| | | | | | | | | |
| Deposit Portfolio | | | | | | | | |
| Noninterest-bearing demand deposits | \$ | 674,118 | \$ 780,803 | \$ 528,021 | \$ | 562,333 | \$ | 629,113 |
| Checking accounts | | 800,649 | 841,640 | 751,193 | | 656,248 | | 658,021 |
| Money market accounts | | 633,844 | 578,077 | 415,322 | | 399,851 | | 366,193 |
| Savings accounts | | 278,977 | 291,912 | 169,715 | | 166,910 | | 162,742 |
| Time deposits | | 493,777 | 525,647 | 394,508 | | 400,304 | | 420,779 |
| Brokered deposits | | 233,102 | 314,952 | 268,717 | | 218,720 | | 183,184 |
| Total deposits | \$ | 3,114,467 | \$ 3,333,031 | \$ 2,527,476 | \$ | 2,404,366 | \$ | 2,420,032 |
| | | | | | _ | | | |

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MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited) (continued)

| | | | | For th | ie Quarter Ended | I | | | |
|---------------------------------|----|---------------------|----------------------|--------|-------------------|----|---------------------|----|---------------------|
| (in thousands) | Se | ptember 30, 2017 | June 30, 2017 | | March 31, 2017 | | ecember 31, 2016 | Se | ptember 30, 2016 |
| Average Balance Sheets | | | | | | | | | |
| Cash and cash equivalents | \$ | 202,407 | \$ 192,483 | \$ | 163,595 | \$ | 140,439 | \$ | 154,764 |
| Investment securities | | 474,216 | 362,268 | | 328,880 | | 315,511 | | 329,900 |
| Loans | | 3,173,027 | 2,620,875 | | 2,361,380 | | 2,299,115 | | 2,177,517 |
| Loans held for sale | | 46,441 | 61,759 | | 73,914 | | 86,665 | | 90,661 |
| Nonmarketable equity securities | | 31,224 | 22,246 | | 20,047 | | 18,927 | | 18,365 |
| Total interest-earning assets | | 3,927,315 | 3,259,631 | | 2,947,816 | | 2,860,657 | | 2,771,207 |
| Non-earning assets | | 498,364 | 372,525 | | 336,761 | | 337,566 | | 330,036 |
| Total assets | \$ | 4,425,679 | \$ 3,632,156 | \$ | 3,284,577 | \$ | 3,198,223 | \$ | 3,101,243 |

| Interest-bearing deposits | \$ 2,527,490 | \$ | 2,116,564 | \$ 1,896,569 | \$ | 1,838,760 | \$ 1,803,189 |
|--|-----------------|----|-----------|-----------------|----|-----------|-----------------|
| Short-term borrowings | 182,015 | | 146,144 | 143,583 | | 151,191 | 134,052 |
| FHLB advances and other borrowings | 434,860 | | 290,401 | 248,045 | | 183,614 | 165,774 |
| Subordinated debt | 54,570 | | 54,542 | 54,518 | | 54,495 | 54,470 |
| Trust preferred debentures | 45,201 | | 39,179 | 37,443 | | 37,357 | 37,266 |
| Total interest-bearing liabilities | 3,244,136 | | 2,646,830 | 2,380,158 | | 2,265,417 | 2,194,751 |
| Noninterest-bearing deposits | 688,986 | | 579,977 | 525,868 | | 562,958 | 550,816 |
| Other noninterest-bearing liabilities | 39,240 | | 44,014 | 53,109 | | 41,962 | 36,816 |
| Shareholders' equity | 453,317 | | 361,335 | 325,442 | | 327,886 | 318,860 |
| Total liabilities and shareholders' equity | \$ 4,425,679 | \$ | 3,632,156 | \$ 3,284,577 | \$ | 3,198,223 | \$ 3,101,243 |
| | | | | | | | |
| Yields | | | | | | | |
| Cash and cash equivalents | 1.19% | | 1.02% | 0.77% |) | 0.53% | 0.50% |
| Investment securities | 2.86% | | 3.33% | 3.21% |) | 3.10% | 5.02% |
| Loans | 4.90% | | 4.71% | 4.91% |) | 4.65% | 4.83% |
| Loans held for sale | 3.74% | | 4.67% | 4.22% |) | 4.22% | 3.77% |
| Nonmarketable equity securities | 4.20% | | 4.31% | 4.41% |) | 3.85% | 3.77% |
| Total interest-earning assets | 4.44% | | 4.33% | 4.47% |) | 4.26% | 4.57% |
| Interest-bearing deposits | 0.53% | | 0.53% | 0.51% |) | 0.48% | 0.48% |
| Short-term borrowings | 0.22% | | 0.23% | 0.23% |) | 0.22% | 0.24% |
| FHLB advances and other borrowings | 1.36% | | 1.16% | 0.93% |) | 0.78% | 0.73% |
| Subordinated debt | 6.40% | | 6.40% | 6.40% |) | 6.41% | 6.41% |
| Trust preferred debentures | 5.60% | | 5.37% | 5.12% |) | 4.99% | 5.03% |
| Total interest-bearing liabilities | 0.79% | | 0.78% | 0.75% |) | 0.71% | 0.71% |
| Net interest margin | 3.78% | | 3.70% | 3.87% |) | 3.70% | 4.00% |
| | | | | | | | |
| | 1 | 0 | | | | | |

MIDLAND STATES BANCORP, INC. CONSOLIDATED FINANCIAL SUMMARY (unaudited) (continued)

| (dollars in thousands, except per share data) | S | eptember 30, 2017 | | June 30, 2017 | March 31, 2017 | Ι | December 31, 2016 | S | eptember 30, 2016 |
|--|----|----------------------|----|------------------|-------------------|----|----------------------|----|----------------------|
| Asset Quality | | | | | | | | | |
| Loans 30-89 days past due | \$ | 13,526 | \$ | 13,566 | \$ 14,075 | \$ | 10,767 | \$ | 10,318 |
| Nonperforming loans | | 33,431 | | 27,615 | 28,933 | | 31,603 | | 29,926 |
| Nonperforming assets | | 38,109 | | 33,150 | 31,684 | | 34,550 | | 34,304 |
| Net charge-offs | | 52 | | 839 | 590 | | 3,142 | | 585 |
| Loans 30-89 days past due to total loans | | 0.43% | | 0.43% | 0.57% | | 0.46% | | 0.45% |
| Nonperforming loans to total loans | | 1.06% | | 0.87% | 1.18% | | 1.36% | | 1.29% |
| Nonperforming assets to total assets | | 0.88% | | 0.74% | 0.94% | | 1.07% | | 1.06% |
| Allowance for loan losses to total loans | | 0.53% | | 0.48% | 0.64% | | 0.64% | | 0.67% |
| Allowance for loan losses to nonperforming loans | | 50.43% | | 55.81% | 54.62% | | 47.03% | | 51.99% |
| Net charge-offs to average loans | | 0.01% | I. | 0.13% | 0.10% | | 0.54% | | 0.11% |
| Wealth Management | | | | | | | | | |
| Trust assets under administration | \$ | 2,001,106 | \$ | 1,929,513 | \$ 1,869,314 | \$ | 1,658,235 | \$ | 1,235,132 |
| Market Data | | | | | | | | | |
| Book value per share at period end | \$ | 23.45 | \$ | 23.51 | \$ 21.19 | \$ | 20.78 | \$ | 20.89 |
| Tangible book value per share at period end | \$ | 17.41 | \$ | 17.47 | \$ 17.42 | \$ | 17.16 | \$ | 17.52 |
| Market price at period end | \$ | 31.68 | \$ | 33.52 | \$ 34.39 | \$ | 36.18 | \$ | 25.34 |
| Shares outstanding at period end | | 19,093,153 | | 19,087,409 | 15,780,651 | | 15,483,499 | | 15,404,423 |
| Capital | | | | | | | | | |
| Total capital to risk-weighted assets | | 12.21% | | 11.98% | 13.48% | | 13.85% | | 13.53% |
| Tier 1 capital to risk-weighted assets | | 10.20% | | 10.05% | 10.97% | | 11.27% | | 10.94% |
| Tier 1 leverage ratio | | 8.54% | | 10.45% | 9.61% | | 9.76% | | 9.82% |
| Common equity Tier 1 capital ratio | | 8.50% | | 8.36% | 9.10% | | 9.35% | | 9.03% |
| Tangible common equity to tangible assets | | 7.85% | | 7.62% | 8.29% | | 8.36% | | 8.44% |
| | | 1 | 1 | | | | | | |

MIDLAND STATES BANCORP, INC. RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES

| | | For the Quarter Ended | | | | | | | | | | | |
|---------------------------------------|------|-----------------------|----|------------------|----|-------------------|----|----------------------|----|--------------------|--|--|--|
| (in thousands, except per share data) | Sept | September 30, 2017 | | June 30, 2017 | | March 31, 2017 | | December 31, 2016 | | tember 30, 2016 | | | |
| Adjusted Earnings Reconciliation | | | | | | | | | - | | | | |
| Income before income taxes - GAAP | \$ | 2,316 | \$ | 4,916 | \$ | 11,473 | \$ | 19,910 | \$ | 12,153 | | | |
| Adjustments to other income: | | | | | | | | | | | | | |

| Gain on sales of investment securities, net | 98 | | 55 | | 67 | | 14,387 | | 39 |
|---|-------------|----|---------|--------|---------|----|---------|----|---------|
| Gain (loss) on sale of other assets | 45 | | (91) | | (58) | | | | _ |
| Total adjusted other income | 143 | | (36) | | 9 | | 14,387 | | 39 |
| Adjustments to other expense: | | | | | | | | | |
| Net expense from loss share termination agreement | — | | — | | | | 351 | | _ |
| Branch network optimization plan charges | 336 | | 1,236 | | 9 | | 2,099 | | |
| Loss on mortgage servicing rights held for sale | 3,617 | | — | | — | | — | | _ |
| Integration and acquisition expenses | 7,967 | | 6,214 | | 1,242 | | 1,200 | | 352 |
| Total adjusted other expense | 11,920 | | 7,450 | | 1,251 | | 3,650 | | 352 |
| Adjusted earnings pre tax | 14,093 | | 12,402 | | 12,715 | | 9,173 | | 12,466 |
| Adjusted earnings tax | 4,355 | | 3,473 | | 3,306 | | 2,871 | | 4,189 |
| Adjusted earnings - non-GAAP | \$ 9,738 | \$ | 8,929 | \$ | 9,409 | \$ | 6,302 | \$ | 8,277 |
| Adjusted diluted EPS | \$ 0.49 | \$ | 0.51 | \$ | 0.57 | \$ | 0.39 | \$ | 0.52 |
| Adjusted return on average assets | 0.87% | | 0.99% | | 1.16% | | 0.78% | | 1.06% |
| Adjusted return on average shareholders' equity | 8.52% | | 9.91% | | 11.73% | | 7.64% | | 10.33% |
| Adjusted return on average tangible common equity | 11.43% | | 12.39% | | 14.16% | | 9.16% | | 12.35% |
| Yield on Loans | | | | | | | | | |
| Reported yield on loans | 4.90% | | 4.71% | | 4.91% | | 4.65% | | 4.83% |
| Effect of accretion income on acquired loans | (0.33)% |) | (0.17)% | , D | (0.43)% |) | (0.33)% |) | (0.43)% |
| Yield on loans excluding accretion income | 4.57% | | 4.54% | | 4.48% | | 4.32% | | 4.40% |
| | | | | | | | | | |
| Net Interest Margin | | | | | | | | | |
| Reported net interest margin | 3.78% | | 3.70% | | 3.87% | | 3.70% | | 4.00% |
| Effect of accretion income on acquired loans | (0.27)% | | (0.13)% | , D | (0.35)% | | (0.28)% | | (0.34)% |
| Net interest margin excluding accretion income | 3.51% | | 3.57% | | 3.52% | | 3.42% | | 3.66% |
| | | 12 | | | | | | | |

MIDLAND STATES BANCORP, INC. RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES

Tangible Common Equity to Tangible Assets Ratio and Tangible Book Value Per Share

| (dollars in thousands, except per share data) | September 30, 2017 | | June 30, 2017 | | As of March 31, 2017 | | December 31, 2016 | | S | eptember 30, 2016 | |
|--|-----------------------|------------|------------------|------------|----------------------------|------------|----------------------|------------|----|----------------------|--|
| Shareholders' Equity to Tangible Common Equity | | | | | | | | | | | |
| Total shareholders' equity—GAAP | \$ | 450,689 | \$ | 451,952 | \$ | 334,333 | \$ | 321,770 | \$ | 321,749 | |
| Adjustments: | | | | | | | | | | | |
| Preferred stock | | (3,015) | | (3,134) | | — | | — | | | |
| Goodwill | | (97,351) | | (96,940) | | (50,807) | | (48,836) | | (46,519) | |
| Other intangibles | | (17,966) | | (18,459) | | (8,633) | | (7,187) | | (5,391) | |
| Tangible common equity | \$ | 332,357 | \$ | 333,419 | \$ | 274,893 | \$ | 265,747 | \$ | 269,839 | |
| Total Assets to Tangible Assets: | | | | | | | | | | | |
| Total assets—GAAP | | 4,347,761 | | 4,491,642 | | 3,373,577 | | 3,233,723 | | 3,247,727 | |
| Adjustments: | | | | | | | | | | | |
| Goodwill | | (97,351) | | (96,940) | | (50,807) | | (48,836) | | (46,519) | |
| Other intangibles | | (17,966) | | (18,459) | | (8,633) | | (7,187) | | (5,391) | |
| Tangible assets | \$ | 4,232,444 | \$ | 4,376,243 | \$ | 3,314,137 | \$ | 3,177,700 | \$ | 3,195,817 | |
| | | | | | | | | | | | |
| Common Shares Outstanding | | 19,093,153 | | 19,087,409 | | 15,780,651 | | 15,483,499 | | 15,404,423 | |
| | | | | | | | | | | | |
| Tangible Common Equity to Tangible Assets | | 7.85% | | 7.62% | | 8.29% | 8.36% | | | 8.44% | |
| Tangible Book Value Per Share | \$ | 17.41 | \$ | 17.47 | \$ | 17.42 | \$ | 17.16 | \$ | 17.52 | |

Return on Average Tangible Common Equity (ROATCE)

| (in thousands) | September 30, 2017 | | | June 30, 2017 | | As of March 31, 2017 | December 31, 2016 | | Se | ptember 30, 2016 |
|---|-----------------------|----------------------|----|----------------------|----|----------------------------|----------------------|---------------------|----|---------------------|
| Net Income | \$ | 2,036 | \$ | 3,539 | \$ | 8,490 | \$ | 11,583 | \$ | 8,051 |
| Average total shareholders' equity—GAAP Adjustments: | \$ | 453,317 | \$ | 361,335 | \$ | 325,442 | \$ | 327,886 | \$ | 318,860 |
| Goodwill Other intangibles | | (97,129) (18,153) | | (61,424) (10,812) | | (48,836) (7,144) | | (46,594) (7,718) | | (46,519) (5,656) |
| Average tangible common equity | \$ | 338,035 | \$ | 289,099 | \$ | 269,462 | \$ | 273,574 | \$ | 266,685 |
| ROATCE | | 2.39% | | 4.91% | | 12.78% | | 16.84% | | 12.01% |



Midland States Bancorp, Inc. NASDAQ: MSBI

Third Quarter 2017 Earnings Call



Forward-Looking Statements. This presentation may contain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements express management's current expectations, forecasts of future events or long-term goals, and may be based upon beliefs, expectations and assumptions of Midland's management, are generally identifiable by the use of words such as "believe," "expect," "anticipate," "plan," "intend," "estimate," "may," "will," "would," "could," "should" or other similar expressions. All statements in this presentation speak only as of the date they are made, and Midland undertakes no obligation to update any statement. A number of factors, many of which are beyond the ability of Midland to control or predict, could cause actual results to differ materially from those in its forward-looking statements. These risks and uncertainties should be considered in evaluating forward-looking statements and undue reliance should not be placed on such statements. Additional information concerning Midland and its respective businesses, including additional factors that could materially affect Midland's financial results, are included in Midland's filings with the Securities and Exchange Commission.

Use of Non-GAAP Financial Measures. This presentation contains certain financial information determined by methods other than in accordance with accounting principles generally accepted in the United States ("GAAP"). These non-GAAP financial measures include "Adjusted Earnings," "Adjusted Diluted Earnings Per Share," "Adjusted Return on Average Assets," "Adjusted Return on Average Shareholders' Equity," "Adjusted Return on Average Tangible Common Equity," "Yield on Loans Excluding Accretion Income," "Net Interest Margin Excluding Accretion Income," "Tangible Common Equity to Tangible Assets," "Tangible Book Value Per Share" and "Return on Average Tangible Common Equity." The Company believes that these non-GAAP financial measures provide both management and investors a more complete understanding of the Company's funding profile and profitability. These non-GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and are not a substitute for any analysis based are supplemental and are not a substitute for any analysis based are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and profitability. These non-GAAP financial measures are supplemental and profitability. These non-GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures. Not all companies use the same calculation of these measures; therefore this presentation may not be comparable to other similarly titled measures as presented by other companies. Reconciliations of these non-GAAP measures are provided



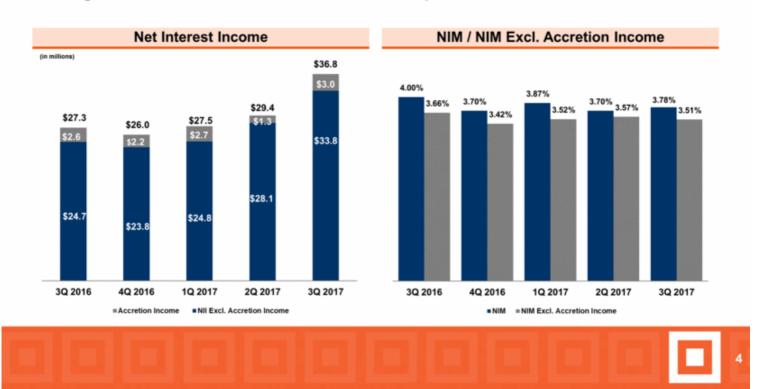
Overview of 3Q17 and Recent Developments

| Alpine Acquisition | Announced on October 16, 2017 Leading market share in Rockford, IL MSA \$1.3 billion in total assets \$1.0 billion wealth management business |
|---------------------------|---|
| | |
| Centrue Integration | System conversion completed in third quarter On track to realize projected cost savings in 4Q17 |
| | |
| Enhancing Business Mix | Centrue and Alpine acquisitions focused on core community banking and wealth management Mortgage banking becoming smaller component of revenue mix Pending sale of 72% of residential MSRs reduces earnings volatility and frees up capital |
| | |
| 3Q17 Earnings | Net income of \$2.0 million, or \$0.10 diluted EPS Integration and acquisition expenses of \$8.3 million, or \$0.27 per diluted share Loss on MSRs held-for-sale of \$3.6 million, or \$0.12 per diluted share |
| | Centrue Integration Enhancing Business Mix |



Net Interest Income/Margin

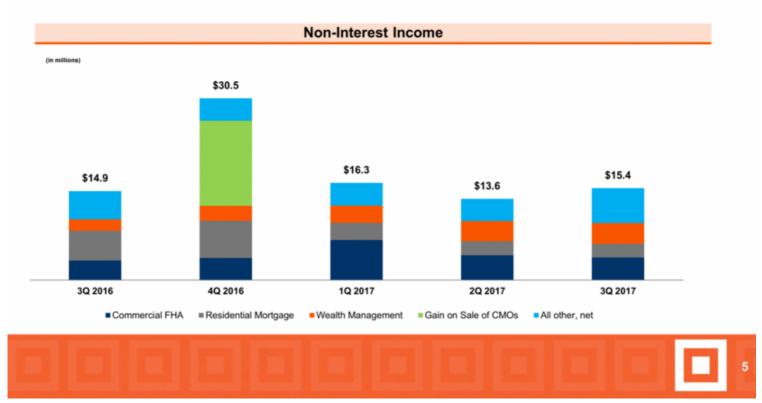
- Net interest income increased 25% from 2Q17, primarily due to the full quarter impact of Centrue
- Net interest margin, excluding accretion income, declined 6 bps, due to full quarter impact of Centrue's lower yielding assets



Average rate on new and renewed loans increased 48 bps to 4.72% in 3Q17

Non-Interest Income

- · Fee generating businesses accounted for 30% of total revenue in 3Q17
- · Fee income increased 13.1% from 2Q17 due to full quarter impact of Centrue
- · Strong growth in deposit service charges and interchange revenue



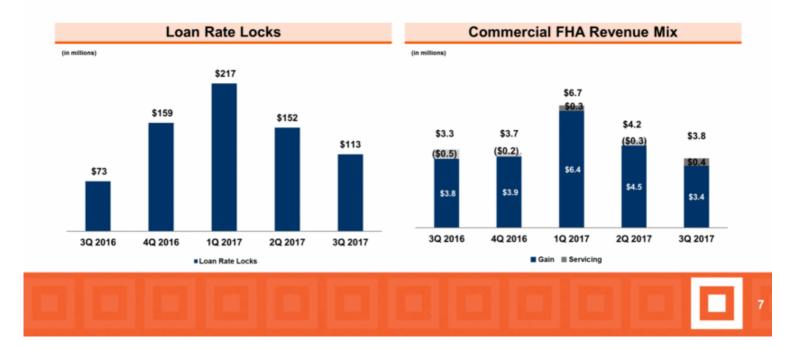
Wealth Management

- Wealth Management group offers Trust and Estate services, Investment Management, Financial Planning and Employer Sponsored Retirement Plans
- · Surpassed \$2 billion in assets under administration
- · Total revenue increased 2% from the prior quarter
- Year-over-year organic growth in assets under administration was \$172 million, or 14%, excluding both the Sterling Trust and CedarPoint acquisitions

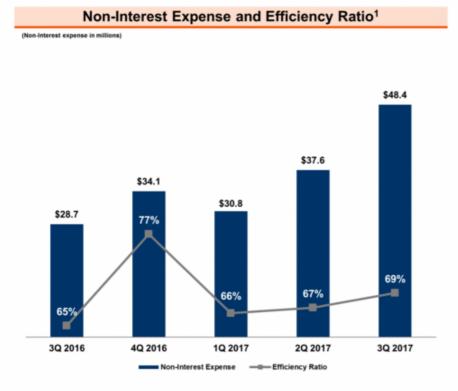


Love Funding – Commercial FHA Revenue

- · Commercial FHA origination and servicing business for multifamily and healthcare facilities
- Long-term replacement reserve deposits for maintenance/capex of properties and escrow deposits are low-cost sources of funds
- Annual revenue expected to be \$18-\$20 million (excluding MSR impairment)
- · Average deposits related to servicing were \$322 million in 3Q17, up 17% over prior year



Non-Interest Expense and Operating Efficiency

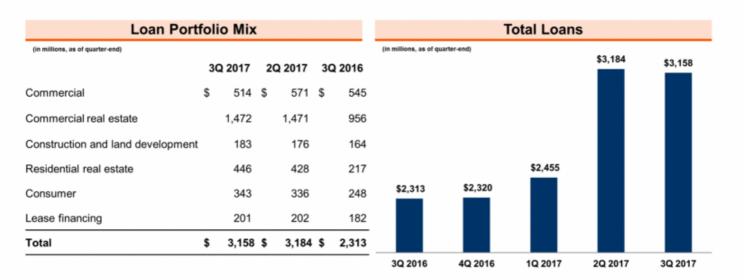


- Efficiency Ratio¹ was 69.0% in 3Q17 vs. 66.5% in 2Q17
- Integration and acquisition related expenses
 - \$8.3 million in 3Q17
 - \$7.5 million in 2Q17
- 3Q17 expenses include \$3.6 million loss on MSRs heldfor-sale
- Excluding these charges, noninterest expense increased 20.7% on a linkedquarter basis
- Increase attributable to full quarter impact of Centrue

"Efficiency ratio represents noninterest expenses, as adjusted, divided by the sum of fully taxable equivalent net interest income plus noninterest income, as adjusted. Noninterest expense adjustments exclude net expense from the loss share termination agreement, branch network optimization plan charges, loss on mortgage servicing rights held for sale and integration and acquisition expenses. Noninterest income adjustments exclude mortgage servicing rights inpairment / recapture, gains or losses from the sale of investment securities, other-than-temporary impairment on investment securities and certain other noninterest income adjustments.

Loan Portfolio

- Total loans declined \$26 million during 3Q17
- Elevated payoffs in commercial portfolio largely from companies or properties that were sold, as well as lower rated credits exiting the bank
- · Continued growth in residential real estate, consumer and construction portfolios





Total Deposits

- Average community banking deposits trended higher throughout 3Q17
- Repositioning of non-core funding sources as brokered CDs replaced with lower-cost FHLB advances
- \$108 million fluctuation in end-of-period servicing deposits
- Total deposits declined \$219 million in 3Q17

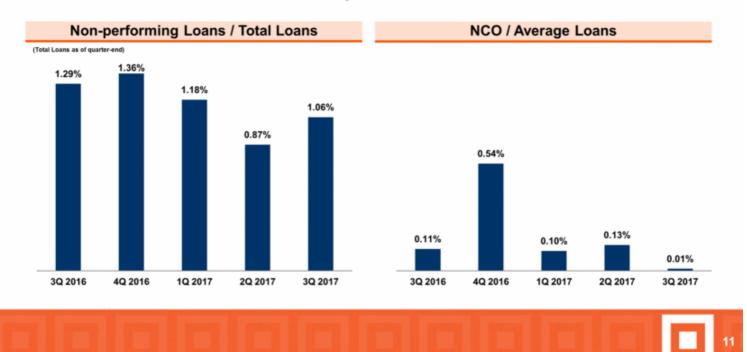
| Deposit Mix | | | | | | | | | | | | |
|-------------|---------|---|---|---|---|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
| 3Q 2017 | | 20 | Q 2017 | 3Q 2016 | | | | | | | | |
| \$ | 674 | \$ | 781 | \$ | 629 | | | | | | | |
| | 801 | | 842 | | 658 | | | | | | | |
| | 634 | | 578 | | 366 | | | | | | | |
| | 279 | | 292 | | 163 | | | | | | | |
| | 494 | | 526 | | 421 | | | | | | | |
| | 233 | | 315 | | 183 | | | | | | | |
| \$ | 3,114 | \$ | 3,333 | \$ | 2,420 | | | | | | | |
| | 3 \$ | 3Q 2017 \$ 674 801 634 279 494 233 | 3Q 2017 20 \$ 674 \$ 801 634 279 494 233 | 3Q 2017 2Q 2017 \$ 674 \$ 781 801 842 634 578 279 292 494 526 233 315 | 3Q 2017 2Q 2017 30 \$ 674 \$ 781 \$ 801 842 634 578 279 292 494 526 233 315 | | | | | | | |



10

Asset Quality

- · Non-performing loans increased due to downgrade of one commercial real estate loan
- · Net charge-offs totaled \$0.1 million in 3Q17, or 1 bp of average loans
- Provision for loan losses of \$1.5 million in 3Q17
- ALL + credit marks/total loans of 0.99% at September 30, 2017



Outlook

- Accretive acquisitions continue to drive shareholder value
- · Significant increase in scale and deeper presence throughout Illinois
- Recurring revenue of wealth management becoming larger percentage of revenue mix
- · Expanded base of low-cost deposits
- · Midland positioned to be a higher performing bank with more consistent earnings stream



APPENDIX



MIDLAND STATES BANCORP, INC. RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES

| | | | For the Quarter Ended | | | | | | | | | |
|---|-----|------------|-----------------------|----------|----|---|-----------|---|-----|------------|----|--------------|
| | Sep | tember 30, | | June 30, | | | March 31, | | Dee | cember 31, | | tember 30, |
| (in thousands, except per share data) | | 2017 | | 2017 | | | 2017 | | | 2016 | | 2016 |
| Adjusted Earnings Reconciliation | | | | | | | | | | | - | |
| Income before income taxes - GAAP | s | 2,316 | S | 4,916 | | s | 11,473 | | S | 19,910 | \$ | 12,153 |
| Adjustments to other income: | | | | | | | | | | | | |
| Gain on sales of investment securities, net | | 98 | | 55 | | | 67 | | | 14,387 | | 39 |
| Gain (loss) on sale of other assets | | 45 | | (91) | | | (58) | - | | - | _ | - |
| Total adjusted other income | | 143 | | (36) |) | | 9 | | | 14,387 | _ | 39 |
| Adjustments to other expense: | | | | | | | | | | | | |
| Net expense from loss share termination agreement | | - | | - | | | - | | | 351 | | - |
| Branch network optimization plan charges | | 336 | | 1,236 | | | 9 | | | 2,099 | | - |
| Loss on mortgage servicing rights held for sale | | 3,617 | | - | | | - | | | - | | - |
| Integration and acquisition expenses | | 7,967 | | 6,214 | | | 1,242 | | | 1,200 | | 352 |
| Total adjusted other expense | | 11,920 | | 7,450 | - | | 1,251 | - | | 3,650 | _ | 352 |
| Adjusted earnings pre tax | | 14,093 | | 12,402 | - | | 12,715 | - | | 9,173 | _ | 12,466 |
| Adjusted earnings tax | | 4,355 | | 3,473 | | | 3,306 | | | 2,871 | | 4,189 |
| Adjusted earnings - non-GAAP | S | 9,738 | \$ | 8,929 | | s | 9,409 | | S | 6,302 | 5 | 8,277 |
| Adjusted diluted EPS | s | 0.49 | s | 0.51 | | s | 0.57 | | s | 0.39 | \$ | 0.52 |
| Adjusted return on average assets | | 0.87 % | | 0.99 | % | | 1.16 | % | | 0.78 % | , | 1.06 % |
| Adjusted return on average shareholders' equity | | 8.52 % | | 9.91 | % | | 11.73 | % | | 7.64 % | , | 10.33 % |
| Adjusted return on average tangible common equity | | 11.43 % | | 12.39 | % | | 14.16 | % | | 9.16 % | , | 12.35 % |
| Yield on Loans | | | | | | | | | | | | |
| Reported yield on loans | | 4.90 % | | 4.71 | % | | 4.91 | % | | 4.65 % | , | 4.83 % |
| Effect of accretion income on acquired loans | | (0.33) % | | (0.17) |)% | | (0.43) | % | | (0.33) % | , | (0.43) % |
| Yield on loans excluding accretion income | | 4.57 % | | 4.54 | % | | 4.48 | % | | 4.32 % | _ | 4.40 % |
| Net Interest Margin | | | | | | | | | | | | |
| Reported net interest margin | | 3.78 % | | 3.70 | % | | 3.87 | % | | 3.70 % | | 4.00 % |
| Effect of accretion income on acquired loans | | (0.27) % | | (0.13) | % | | (0.35) | % | | (0.28) % | | (0.34) % |
| Net interest margin excluding accretion income | | 3.51 % | | 3.57 | % | _ | 3.52 | % | - | 3.42 % | _ | 3.66 % |
| | | | | | | | | | | | | |

MIDLAND STATES BANCORP, INC. RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES

Tangible Common Equity to Tangible Assets Ratio and Tangible Book Value Per Share

| | As of | | | | | | | | | | | | | |
|--|-------|--------------|---|------------|----|------------|----|-------------|------|--------------|--|--|--|--|
| | Se | eptember 30, | | June 30, | | March 31, | D | ecember 31, | S | eptember 30, | | | | |
| (dollars in thousands, except per share data) | | 2017 | | 2017 | | 2017 | | 2016 | 2016 | | | | | |
| Shareholders' Equity to Tangible Common Equity | | | | | | | | | | | | | | |
| Total shareholders' equity-GAAP | s | 450,689 | s | 451,952 | s | 334,333 | s | 321,770 | s | 321,749 | | | | |
| A djustments: | | | | | | | | | | | | | | |
| Preferred stock | | (3,015) | | (3,134) | | - | | - | | - | | | | |
| Goodwill | | (97,351) | | (96,940) | | (50,807) | | (48,836) | | (46,519) | | | | |
| Other intangibles | | (17,966) | | (18,459) | | (8,633) | | (7,187) | | (5,391) | | | | |
| Tangible common equity | 5 | 332,357 | s | 333,419 | \$ | 274,893 | 5 | 265,747 | \$ | 269,839 | | | | |
| Total Assets to Tangible Assets: | | | | | | | | | | | | | | |
| Total assets-GAAP | | 4,347,761 | | 4,491,642 | | 3,373,577 | | 3,233,723 | | 3,247,727 | | | | |
| A djustments: | | | | | | | | | | | | | | |
| Goodwill | | (97,351) | | (96,940) | | (50,807) | | (48,836) | | (46,519) | | | | |
| Other intangibles | | (17,966) | | (18,459) | | (8,633) | | (7,187) | | (5,391) | | | | |
| Tangible assets | S | 4,232,444 | S | 4,376,243 | s | 3,314,137 | s | 3,177,700 | \$ | 3,195,817 | | | | |
| Common Shares Outstanding | | 19,093,153 | | 19,087,409 | | 15,780,651 | | 15,483,499 | | 15,404,423 | | | | |
| Tangible Common Equity to Tangible Assets | | 7.85 % | | 7.62 % | | 8.29 % | | 8.36 % | | 8.44 % | | | | |
| Tangible Book Value Per Share | s | 17.41 | s | 17.47 | s | 17.42 | \$ | 17.16 | s | 17.52 | | | | |

Return on Average Tangible Common Equity (ROATCE)

| | | As of | | | | | | | | | | | | |
|---|----|-----------------------|---|------------------|---|-------------------|---|---------------------|----|---------------------|--|--|--|--|
| (in thousands) | Se | September 30, 2017 | | June 30, 2017 | | March 31, 2017 | | ecember 31, 2016 | Se | ptember 30, 2016 | | | | |
| Net Income | s | 2,036 | s | 3,539 | s | 8,490 | s | 11,583 | s | 8,051 | | | | |
| Average total shareholders' equity—GAAP Adjustments: | s | 453,317 | s | 361,335 | s | 325,442 | s | 327,886 | s | 318,860 | | | | |
| Goodwill | | (97, 129) | | (61,424) | | (48,836) | | (46,594) | | (46,519) | | | | |
| Other intangibles | | (18,153) | | (10,812) | | (7,144) | | (7,718) | | (5,656) | | | | |
| Average tangible common equity | s | 338,035 | s | 289,099 | s | 269,462 | s | 273,574 | \$ | 266,685 | | | | |
| ROATCE | | 2.39 % | | 4.91 % | | 12.78 % | | 16.84 % | | 12.01 % | | | | |



Midland States Bancorp, Inc. Announces Change in Chief Financial Officer

Effingham, IL, October 26, 2017 — Midland States Bancorp, Inc. (NASDAQ: MSBI) (the "Company") today announced that Kevin L. Thompson, Chief Financial Officer, resigned for personal reasons from the Company and Midland States Bank, its wholly-owned subsidiary (the "Bank"), effective October 20, 2017. Jeffrey G. Ludwig, Executive Vice President of the Company, will serve as Chief Financial Officer while the Company conducts an executive search for Mr. Thompson's replacement. Mr. Ludwig previously served as Chief Financial Officer of the Company and the Bank from November 2006 through November 2016.

Leon J. Holschbach, President and Chief Executive Officer of the Company, commented, "After spending a year in Effingham, Kevin intends to relocate and continue his career in a larger market. We appreciate Kevin's service to Midland and wish him well in his future endeavors. Our finance department will be in good hands under Jeff's leadership while we conduct a search for a new Chief Financial Officer."

Mr. Ludwig joined the Company in November 2006 as Chief Financial Officer, was promoted to Executive Vice President of the Company in October 2010, and was named President of the Bank in March 2016. He serves on the Company's Executive Committee and Capital Management and Mergers and Acquisitions Committee and chairs its Asset/Liability Committee. Prior to joining the Company, Mr. Ludwig held the positions of Associate Director, Corporate Reporting, for Zimmer Holdings, Inc., a New York Stock Exchange-listed company in Warsaw, Indiana, from 2005 to 2006; Director of Corporate Accounting for Novellus Systems, Inc., a NASDAQ-listed company in San Jose, California, from 2002 to 2005; and Senior Manager—Audit & Advisory Services for KPMG LLP in its banking practice in St. Louis, Missouri, from 1993 to 2000 and in its technology practice in Mountain View, California, from 2000 to 2002. Mr. Ludwig received his B.S. in Accounting from Eastern Illinois University.

About Midland States Bancorp, Inc.

Midland States Bancorp, Inc. is a community-based financial holding company headquartered in Effingham, Illinois, and is the sole shareholder of Midland States Bank. As of September 30, 2017, the Company had total assets of \$4.3 billion and its Wealth Management Group had assets under administration of approximately \$2.0 billion. Midland provides a full range of commercial and consumer banking products and services, merchant credit card services, trust and investment management, and insurance and financial planning services. In addition, commercial equipment leasing services are provided through Heartland Business Credit, and multi-family and healthcare facility FHA financing is provided through Love Funding, Midland's non-bank subsidiaries. For additional information, visit www.midlandsb.com or follow Midland on LinkedIn at https://www.linkedin.com/company/midland-states-bank.

Special Note Concerning Forward-Looking Statements

Readers should note that in addition to the historical information contained herein, this press release includes "forward-looking statements," including but not limited to statements about the Company's expected loan production, operating expenses and future earnings levels. 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; and other risks detailed from time to time in filings made by the Company with the Securities and Exchange Commission. Readers should note that the forwardlooking statements included in this press release 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 press release, 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.

CONTACTS:

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